Clayton State University

A Unit of the University System of Georgia

FALL 2013

(To find specific information go to the Table of Contents and click on the appropriate heading.)

PROVISIONS OF THIS CATALOG

The Clayton State University Catalog is designed to provide information about the University's policies, degree programs, course offerings, services, faculty, and facilities. Statements set forth in this catalog are for informational purposes only and should not be construed as the basis of a contract between a student and this institution.

While the provisions of the University Catalog will ordinarily be applied as stated, Clayton State University reserves the right to change any provision listed - including but not limited to academic requirements for graduation - without actual notice to individual students.* Every effort will be made to keep students advised about all changes, and information on changes will be available in the Office of the Registrar (www.clayton.edu). It is especially important that each student note that it is his or her responsibility to remain apprised of current graduation requirements for particular degree and certificate programs.

*The online version of the catalog is the most current. It is updated regularly to reflect changes that have been approved by the Faculty Senate and the Office of Academic Affairs.

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ACADEMIC CALENDAR

For most current calendar go to www.clayton.edu and click on Calendars.

GENERAL INFORMATION

Mission of the University

Clayton State University cultivates an environment of engaged, experienced-based learning, enriched by active community service, that prepares students of diverse ages and backgrounds to succeed in their lives and careers.

Through a distinctive combination of proven and innovative methods of teaching and learning, Clayton State University will excel in preparing students from many walks of life to meet the challenges of living and working in a dynamic, global society.

Clayton State University is committed to:

- Creating an outstanding educational experience that stimulates intellectual curiosity, critical thinking, and innovation.
- Engendering a spirit of openness, understanding, collaboration, and mutual respect throughout the University.
- Fostering learning that engages students, faculty, staff, alumni, and the greater community.
- Expanding and allocating resources strategically according to Mission and Values, to support overall institutional effectiveness.
- Providing an inviting and supportive campus community for faculty, staff, and students.
- Repositioning Clayton State University in the higher education marketplace and beyond.

University History

Clayton State University opened in 1969 as Clayton Junior College, with Dr. Harry S. Downs as the founding president. The Board of Regents of the University System of Georgia elevated the institution to baccalaureate status (as Clayton State College) in 1986, to university status (as Clayton College & State University) in 1996 and approved the present name on May 18, 2005.

Upon the retirement of Harry Downs in January 1994, Dr. Richard A. Skinner became the University's second president. In June 1999, Skinner left Clayton State to head the University System of Georgia's new distance learning initiative, Georgia GLOBE. Michael F. Vollmer, Clayton State's acting Vice President for Fiscal Affairs and former Interim President of Middle Georgia College, served as Interim President for one year.

In April 2000, Dr. Stephen R. Portch, Chancellor of the University System of Georgia, announced that the Board of Regents had selected Dr. Thomas K. Harden as the University's new president, effective in June of that year. When President Harden was named chancellor of the University of Wisconsin Green Bay in December 2008, Dr. Thomas J. Hynes, Jr., provost of the University of West Georgia, was named interim president of Clayton State, starting in May 2009. On Feb. 9, 2010, the Board of Regents announced that Hynes' appointment as president of Clayton State had been made permanent.

The beginning of the University can be traced to 1965 when the Board of Regents authorized three new junior colleges for the University System, one of which was designated for south metropolitan Atlanta. The Board considered several locations in the region, and chose the present site in Clayton County because of the unique combination of natural beauty and easy access to the then recently-completed Interstate 75. The citizens of Clayton County subsidized the

initial construction of the state institution by passing a bond issue for nearly $5 million. Construction of the new campus began in fall 1968, and the doors opened to 942 students less than a year later on September 30, 1969.

In 1981, the University added a technical division offering applied associate degrees and certificates in cooperation with the Georgia Department of Technical and Adult Education. Five years later Clayton State began its baccalaureate mission with programs in business administration and nursing. The institution has continued to add majors at the bachelor's level while maintaining some associate degree programs. Through the establishment of the Bachelor of Applied Science degree, Clayton State emerged as a national leader in promoting opportunities for graduates from applied associate degree programs to "bridge" to bachelor's degrees with little, if any, loss of credit.

Five years after initiating its baccalaureate programs in 1986, Clayton State opened the doors to the finest small performance facility in the southeastern United States, Spivey Hall. Now, 20 years later, Spivey Hall retains its local, national and international reputation by presenting the best in jazz and classical music and an education outreach program that serves thousands of school children from throughout metro Atlanta annually.

Clayton State now enrolls 6,800+ students in degree credit programs that, in the words of the University's mission, provide "career-oriented education with a solid liberal arts foundation." Current bachelor's degree majors include; Accounting (B.B.A.), Administrative Management (B.A.S.), Biology (B.S.), Business - General (B.B.A), Chemistry (B.S.), Communications and Media Studies (B.A.), Computer Science (B.S.), Criminal Justice (B.S.), Dental Hygiene (B.S.D.H.), Dental Hygiene (RDH - B.S.D.H.), English (B.A.), Health Care Management (B.S.), Health & Fitness Management (B.S.), History (B.A.), Information Technology (B.I.T.), Information Technology WebBSIT (online), Integrative Studies (B.S.), Liberal Studies (B.A.), Management (B.B.A.), Marketing (B.B.A.), Mathematics (B.S.), Middle Level Education (B.A.), Music (B.A.), Music Composition (B.M.), Music Education (B.M.), Music Performance (B.M.), Nursing - Basic Licensure (B.S.N.), Nursing - For Existing R.N.'s (RN to B.S.N.), Paralegal Studies (B.S.), Political Science (B.S.), Psychology and Human Services (B.S.), Sociology (B.S.), Supply Chain Management (B.B.A.), Technology Management (B.A.S.), and Theatre (B.A.). Several other baccalaureate programs are currently under development.

On November 16, 2005, Clayton State University's first graduate level program, the Master of Arts in Liberal Studies, was approved by the Board of Regents of the University System of Georgia, opening the door to a whole new world of meeting the educational needs of students and citizens in metro Atlanta. The Master of Arts in Liberal Studies is the only degree of its kind in the state, and is designed to give students with highly focused undergraduate degrees the opportunity to explore a more multidisciplinary approach. A second graduate program, the Master of Science in Nursing, was approved by the Board of Regents in June 2006, a third, the Master of Health Administration, was approved in August 2006, and a fourth, a Master of Business Administration, in January 2007. The University's fifth and sixth graduate programs, a Master of Arts in Teaching in English and a Master of Arts in Teaching in Mathematics, were approved by the Board of Regents in October 2008. Graduate programs in Archival Studies (2009) and Psychology (2010) are the University's seventh and eight master's programs.

In January 1998, Clayton State became the first public university in the Southeast and one of the first in the nation to issue notebook computers to *all* students at *all* levels in *all* majors. This "Information Technology Project" has transformed the campus and made Clayton State a national pioneer in "ubiquitous computing."

The James M. Baker University Center, Clayton State's signature building, was completed in August 2004 and named in honor of Clayton State alumnus James M. "Jim" Baker in November 2005, and provides the University with a true "Center" for student life. The building contains a food service area, a help desk for servicing notebook computers, state-of-the-art visual technology classrooms, offices and enhanced learning facilities including wireless capabilities and more than 2,000 data drops.

In a six week period between August and October 2008, the University dedicated three new buildings; the University's first student housing (Laker Hall), the Student Activities Center and a new building for the AACSB-accredited School of Business. The new annex to the Natural and Behavioral Sciences Building (which was itself renovated in 2011), the Laboratory Annex Building, added more laboratory space for science classes and opened in January 2011.

The past several years at Clayton State have also been highlighted by the establishment of the first joint state and federal archives facilities adjacent to campus, the institution of a comprehensive strategic planning process, and the reaffirmation of the University's accreditation by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS).

Clayton State University is an NCAA Division II member, competing in one of the top conferences in the nation at that level - the Peach Belt Conference. The Clayton State Lakers have enjoyed much success in their 20-year history, capped during the 2010/2011 season by the women's basketball team winning the national championship and finishing 35-1.Clayton State currently fields athletic teams in; men's and women's soccer, men's and women's cross country, men's and women's basketball, men's and women's indoor track, men's and women's outdoor track, men's golf and women's tennis.

Accreditation and Approvals

Regional Accreditation:

- Commission on Colleges of the Southern Association of Colleges and Schools. Clayton State University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, and masters degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Clayton State University. Direct all other queries about programs, services, or admissions directly to Clayton State University, (678) 466-4000. For more information, visit www.clayton.edu/sacs.

National Accreditations:

- Clayton State's College of Business is accredited by the Association to Advance Collegiate Schools of Business (AACSB).
- The Dental Hygiene Program is accredited by the American Dental Association Commission on Dental Accreditation (ADA).
- The Health Care Management Program holds the Association of University Programs in Health Administration Management (AUPHA) full certified undergraduate status.
- Clayton State University is an accredited institutional member of the National Association of Schools of Music (NASM).
- The Nursing program is accredited by the Commission on Collegiate Nursing Education (CCNE).

- The Paralegal Program is approved by the American Bar Association (ABA).
- The Teacher Education program is accredited by the National Council for Accreditation of Teacher Education (NCATE).

State or Local Approvals:

- The Nursing Program is approved by the Georgia Board of Nursing.
- The University's teacher preparation program is approved by the Georgia Professional Standards Commission.

Financial Aid Programs:

The University has been approved for the following state and federal programs:

- Veterans Administration Benefits
- Federal Work Study Program
- Federal Student Loans
- Federal Pell Grants
- Federal Supplemental Educational Opportunity Grants (SEOG)
- HOPE Scholarship & Grant Program
- Zell Miller Scholarship
- Accel Program
- Georgia's HERO Scholarship Program
- Public Safety Memorial Grant
- The Student Loan Access Program

General University Policies

AA/EOI Notice. Clayton State University is an equal employment, equal access, and equal educational opportunity and affirmative action institution. It is the policy of the University to recruit, hire, train, promote and educate persons without regard to race, color, national or ethnical origin, age, disability, gender, religion, sexual orientation, gender identity or veteran status as required by applicable state and federal laws (including Title VI, Title VII, Title IX, Sections 503, and 504, AREA, ADA, E.O. 11246, and Rev. Proc. 75-50). Clayton State University is an Affirmative Action/Equal Opportunity Institution. For questions or more detailed information regarding this policy please contact the Clayton State University Office of Human Resources at (678) 466-4230. Individuals requiring disability related accommodations for participation in any event or to obtain print materials in an alternative format, please contact the Disability Resource Center at: (678) 466-5445.

Notice of Right of Privacy. This institution is covered by the Family Educational Rights and Privacy Act of 1974 (FERPA), which is designed to protect the student's rights with regard to educational records maintained by the institution. Under this Act, a student has the following rights:

1. *the right to inspect and review education records maintained by the institution that pertain to the student;*
2. *the right to challenge the content of records on the grounds that they are inaccurate, misleading or a violation of privacy or other rights; and*
3. *the right to control disclosures from the education records with certain exceptions.*

A written policy detailing how Clayton State University complies with the provisions of the Act is on file in the Office of the Registrar. Students also have the right to file complaints with the FERPA Office of the Department of Education, Washington, D.C. 20201, regarding alleged violations of the Act.

No Smoking Policy. Because Clayton State University cares about the health and safety of its students, faculty, staff, and the public, smoking is not permitted within thirty feet of any building on campus.

Law Enforcement (Campus Police). It is the purpose of the Department of Public Safety (Campus Police) to assist the administration, faculty, students, and staff of Clayton State University to maintain a pleasant, safe, and orderly environment in which to work and to learn. To this end, it is the responsibility of this department to enforce the traffic rules and regulations of the University and to enforce local, state, and federal laws on campus in cooperation with appropriate law enforcement agencies. Violation of a local, state, or federal law by a student also may be a violation of the student conduct code set down in the Student Handbook; in such a case, the violation will he referred to the Division of Campus Life in addition to the appropriate law enforcement agency.

Intellectual Property

In complying with the policies of the Board of Regents, Clayton State University has adopted policies concerning the ownership and subsequent rights to intellectual property created by faculty, staff, and students. Intellectual property pertains to any patentable materials, copyrightable materials, trademarks, software, and trade secrets regardless of whether formal protection is sought. It is the responsibility of the individual to ascertain whether Clayton State owns the intellectual property. To obtain a copy of the Intellectual Property Policy, contact the Office of the Provost at (678) 466-4100.

SERVICES FOR STUDENTS

Academic Services

Academic Services for students and faculty are offered through the following Offices and Centers:

- Library
- Center for Academic Success
- Testing Center
- Study Abroad and International Education
- Honors Program
- First-Year Advising and Retention Center
- Fitness Center

Library

Clayton State University's Library is located in a two-story building adjacent to the Baker University Center. The Library shares the building with other departments including Media and Printing Services, The HUB, and other offices.

The Clayton State University Library participates in GALILEO, the statewide library initiative. GALILEO provides access to numerous periodical and information databases and over 2,000 full text periodicals. Additionally, the library subscribes to more than 20 other computerized databases including the ACM Digital library, CINAHL, IEEE Computer Society Digital Library, JStor, Philosopher's Index and PsycArticles.

The Clayton State Library provides access to a variety of print, electronic and audio visual materials striving to maintain a current collection that supports the curriculum of the University. In addition to its own holdings, The Clayton State Library has access to the book and periodical holdings of nearly 14,000 academic, public, and special libraries. A well-developed interlibrary loan program and the statewide GIL Express program enable students, faculty, and staff to borrow books and copies of articles not available at the Clayton State University Library. Interlibrary loan service is usually available at no cost or a very modest cost to students and faculty. Both interlibrary loan and GIL Express services may be initiated from the Library's web page.

The Library provides research and study space for students. Some study carrels are equipped with internet connections and wireless access is available throughout the Library. Other library facilities available to students include a change machine, photocopiers, microfilm/microfiche reader/printers, and audiovisual equipment.

The Clayton State Library is currently open 84 hours per week with librarians and well trained support staff available to assist students in using library materials and equipment. LibGuides for various areas have been prepared and are available on the library's web page. Library orientation classes are designed and conducted for those instructors requesting them, and special sessions are created for students needing individual attention.

The Clayton State Library welcomes suggestions for improvements in its service and materials. Users may speak directly to the library staff or may leave their written suggestions or recommendations in the Library's "suggestion box" on its web page.

A much needed renovation will begin during the Summer of 2013. A new learning commons will be added as well as small and large group study rooms.

Center for Academic Success

The Center for Academic Success (CAS) serves students through Academic Success Programs and Learning Support Programs.

Academic Success Programs. The Center for Academic Success offers a variety of services and resources to assist all Clayton State University students in their academic pursuits. Students are offered a comfortable, supportive learning environment where they can work independently, in small groups, or with personalized assistance as needed. Services and resources include one-on-one and small group tutoring in a variety of subjects, Supplemental Instruction (SI) for historically difficult courses, skill-enhancing workshops on a variety of topics, instructional resources including software programs, and computer-based study behavior assessments. The Student Study Lounge, located adjacent to the Center for Academic Success, is available for individual and small group study. All services are available at no charge to currently enrolled Clayton State students.

Learning Support Programs. Based on placement test scores, some students are required to enroll in developmental courses in English, reading, and mathematics that are designed to prepare students for college-level course work. Other students may be required to enroll in Learning Support courses to meet course prerequisites. Additional Learning Support details are found in the Learning Support Requirements section of this catalog.

Testing Center

The Testing Center provides university-wide testing, along with some program- and community-wide testing. It has facilities for both paper-and-pencil and computerized tests, including:

- Admission and placement exams (SAT, ACT, COMPASS, ACCUPLACER, and other program entrance exams.
- eCore midterms and finals
- the College Level Examination Program (CLEP)
- competency tests satisfying the Georgia Legislative Requirements
- exit assessments for Learning Support courses in English, reading, and math (COMPASS)
- writing assessments for admission to or progress in major programs
- selected outcomes assessments such as the ETS Proficiency Profile
- program assessments such as the Major Field Tests

Study Abroad and International Programs

Clayton State Office of International Programs offers numerous Maymester programs for students in various departments, which typically offer three hours of academic credit for two or three week study abroad programs between spring

and summer sessions. Clayton State University also participates in study abroad programs sponsored by the European, African, Asian, and Americas Councils of the University System of Georgia. These collaborative world regional council summer programs offer students the opportunity to enjoy up to five weeks of residence in a college environment abroad while earning up to six hours of academic course credit. Clayton State also participates in student exchange programs with the University of Caen in France, University of Pannonia in Hungary, Birla College in India, along with other universities in foreign countries. Joining these programs, students can study for a semester or academic year abroad, with the credit earned counting toward their academic program at Clayton State University. Financial aid and HOPE scholarship funds may be used for these programs.

The Office of International Programs also maintains information on numerous other study abroad programs offered by colleges and universities throughout the state and country. Clayton State students have participated in programs in England, France, Hungary, Italy, Mexico, Spain, Russia, Greece, Germany, Ghana, Chile, South Africa, and Thailand. For complete information on the study abroad opportunities available at Clayton State University visit the Office of International Programs website at http://www.clayton.edu/international-programs/home.

Honors Program

The Honors Program at Clayton State University is designed to help academically talented students get "a step ahead." Honors Program students enroll in special enriched sections of Core Curriculum and elective courses.

In addition to the special class sections, Honors Program students have many opportunities for leadership training, community service, and close contact with key business and government leaders in the Atlanta region.

Students admitted to the program may apply for Honors Scholarships that are awarded on the basis of academic achievement and leadership ability. Honors Program students are also encouraged to apply for HOPE scholarships, which may be awarded in addition to the Honors Program Scholarships.

APPLICATION PROCEDURES

To be eligible to apply for the Honors Program, an entering student must complete the foundation Honors Program scholarship application and meet the following minimum qualifications:

(1) Recent High School Graduates
   (a) SAT-T 1100 or ACT-C 24;
   (b) Minimum high school GPA of 3.50;
   (c) Demonstrated leadership ability.

(2) Continuing Students
   (a) 3.50 Institutional GPA;
   (b) Demonstrated service to the university or external community.

Meeting minimum qualifications does not guarantee acceptance. The program decision is based on demonstrated potential for the following:

- academic achievement,
- leadership,
- independent learning.

Application materials and other information are available on the Honors Program website: http://honorsprogram.clayton.edu.

A limited number of current Clayton State students who show outstanding academic achievement may also be admitted to the Honors Program. Please contact the Director, Dr. Alexander Hall, at (678) 466-4846.

First-Year Advising & Retention Center

The First-Year Advising & Retention Center is designed to help students adjust to college life and provide academic advising and support to all first-time, first-year students. The center houses the first-year experience and the learning communities program to improve the academic success and retention of all first-year students and to introduce students to the social and cultural community at Clayton State University. To make certain students are meeting the academic demands of their first year in college, advisors remain in close contact with students and monitor their progress. Advisors also refer students to campus resources as needed throughout the year. The center is located in the Natural and Behavioral Sciences (NBS) Building.

Other Programs in the First-Year Advising & Retention Center

- First-Year Reading Program
- Alpha Lambda Delta: Honor Society for First-Year Students
- First-Year Community Service Projects
- Major FOCUS Program

For more information about programs in the center, visit www.clayton.edu/fyarc.

Fitness Center

The Department of Recreation & Wellness is responsible for the operation and management of the 26,500 square foot, multi-level Fitness Center which is located within the Student Activities Center. The Department of Recreation & Wellness (DRW) aspires to facilitate the physical, social, emotional, and intellectual development of the Clayton State University students and community by providing an environment that is fun, relaxing and supportive of holistic lifestyle practice; further, DRW provides opportunities for the daily participation in recreation and leisure activities. For more information related to the Fitness Center, visit: htttp://www.clayton.edu/recwell/fitnesscenter. For Intramural Programs and Outdoor Adventure Programs, visit: http://www.clayton.edu/recwell/outdooradventrure.

Student Support Services

Services that are vital to the success of students enrolled at Clayton State University are offered through the following Offices and Centers:

- Financial Aid
- Registrar
- Office of Career Services
- Counseling and Psychological Services
- Disability Resources Center
- Appeals and Grievances

- Orientation and New Student Programs
- Department of Campus Life
- International Student Services
- Veterans Services
- Information Technology Services

Office of Financial Aid

The Financial Aid Office at Clayton State University is committed to providing quality financial aid services. We administer federal Title IV programs, State of Georgia programs, federal VA Education Benefits, and provide scholarship assistance to eligible students who seek financial educational funding via these resources. We provide excellent customer service in a fiscally astute manner adhering to all federal, state, and university regulations.

Types of Financial Aid Offered

The Financial Aid Office provides federal and state student aid. The Office also administers scholarships and Veterans Affairs benefits. Procedures for applying for assistance can be found at http://www.clayton.edu/financial-aid.

Federal Financial Aid consists of grants, work-study, and loans. Students interested in federal financial aid must complete a Free Application for Federal Student Aid (FAFSA) form. This form must be completed each academic year in which the student would require financial assistance. The federal funds are:

Federal Pell Grants
Federal SEOG
Federal Work-Study Program
Federal Subsidized Stafford Loans
Federal Unsubsidized Stafford Loans
Federal Parent PLUS Loans
Federal GradPlus Loans

More detailed information on these types of federal funds can be found at http://studentaid.ed.gov/.

State Financial Aid consists of scholarships, grants, and loans. Students interested in the HOPE Programs must complete either the Free Application for Federal Student Aid (FAFSA) or the Georgia Student Financial Aid Application System (GSFAPPS). It is recommended that all students complete the FAFSA form so that the Financial Aid Office can award students both federal and state aid. If a student does not complete a FAFSA form but completes the GSFAPPS Application instead, the Financial Aid Office can only award HOPE funds. Students wishing to apply for The Student Access Loan Program should contact the Georgia Student Finance Commission at https://secure.gacollege411.org/default.aspx, (770) 724-9000 or (800) 776-6878. The state funds are:

HOPE Scholarship
Zell Miller Scholarship
HOPE Grant
HOPE GED Voucher

Student Access Loan Program (SAL)

Financial Aid Eligibility

All students should be aware of the following information regarding financial aid eligibility:

- Financial aid will only pay for classes required for a student's major as identified by the Registrar's Office. Students should refer to the major course requirements before registering for classes.
- All financial aid recipients must maintain Satisfactory Academic Progress (SAP). Students must maintain at least a 2.0 GPA and successfully complete a minimum of 67% of the cumulative credit hours attempted (cumulative earned hours/cumulative attempted hours). Course work used to evaluate SAP for **degree programs** includes all attempted hours at Clayton State University, including learning support and repeat courses, as well as most transfer hours regardless of whether or not you received financial aid for those terms of enrollment. Course work used to evaluate SAP for **certificate programs** includes all attempted hours required for that specific program only. Students who do not meet the SAP standards are not eligible for financial aid with the exception of those students in a WARNING or PROBATION status as described by our Financial Aid SAP Policy at http://www.clayton.edu/financial-aid/sap.
- Financial aid will pay up to 150% of Clayton State's programs of study. For example: Associate Degrees are 60 credit hours, financial aid will pay for a total of 90 attempted credit hours, Bachelor's Degrees are 120 credit hours and financial aid will pay up to 180 attempted credit hours. Students in a certificate program are allowed to attempt up to 150% of the hours required for that specific certificate program. Example: The Paralegal Certificate program requires 30 hours, so students in that program may attempt up to 45 hours required for that program.
- Students admitted on a joint-enrollment basis are not eligible for financial aid.
- Financial aid recipients enrolled at two or more colleges/universities at the same time cannot receive duplicate federal financial aid at both schools.
- Students must be attending at least 6 credit hours in their major to be eligible for a student loan.
- Students who register for a second half semester course (mini session) have fees due at the regular published fee payment deadlines even though in some cases federal student loan funds may not be available until the second session has actually begun.
- Enrollment for federal financial aid recipients is "frozen" each semester at the end of the schedule adjustment period. Students must be registered for all parts of term before the freeze date to receive federal grants for that class.
- All financial aid recipients must go to Clayton State's Financial Aid website at http://www.clayton.edu/financial-aid for additional updated information on financial aid requirements, procedures, and frequently asked questions and to view the Student Rights & Responsibilities.

Veterans Affairs assists eligible veterans in utilizing their educational benefits to the fullest advantage. Information on VA services and application information can be found at http://www.clayton.edu/veterans-information-page.

Office of the Registrar

The Registrar is responsible for maintaining all official student records of the University. Requests for transcripts and verification of enrollment should be directed to this office. The Registrar evaluates transfer credit, reviews graduation applications, participates in the registration process, and performs numerous important functions that are explained in the Academic Policies and Graduation Requirements sections.

Office of Career Services

The Office of Career Services assists students in developing the self-awareness, knowledge, and skills that prepare them to manage their careers now and after graduation. Career counseling is available for students who need assistance choosing majors and career paths. Students can access a variety of programs and services to assist them in discovering opportunities for student jobs and internships, developing professionally, and launching a career. Career Services also provides mutually beneficial linkages between the University and the employment community. Employers post opportunities online and recruit and interview students seeking internships, part-time jobs, and full-time career positions. Services available through the Office of Career Services include the following:

- Career counseling
- Seminars and workshops related to professional development and an effective job or career search
- Resume critique services
- Practice interviews
- Online access to employment and internship opportunities through Laker CareerZone
- Employer networking opportunities
- On-campus recruiting and interviewing
- Individual career coaching
- Four annual career or job fairs
- Job search assistance

Internships and Cooperative Education

Students complement their academic learning with practical experience in a work setting related to their programs of study or career goals. Most degrees require internships and many include elective internships. Students should refer to specific program requirements regarding required and optional internships. Cooperative Education also provides work-related learning experiences, usually over an extended number of semesters, often without earning academic credit. Students who do not earn credit may receive non-credit transcript documentation for participating in internships or cooperative education.

Students interested in internships or cooperative education must meet the following eligibility requirements:

- Complete at least one full semester at Clayton State;
- Earn the appropriate number of credit hours (baccalaureate degree - 30 hours; associate degree - 18 hours; certificate - 12 hours);
- Maintain Good Academic Standing;

- Complete all course prerequisites;
- Obtain prior approval from the Office of Career Services and the appropriate faculty coordinator by providing evidence that the experience is directly related to the student's program of study.

After a student is offered and accepts a position, he or she must articulate clear learning objectives on the *Internship Learning Agreement Form* which provides a statement of understanding between the student, the University, and the internship site and is used to document student progress. Any student who fails to submit a completed *Internship Learning Agreement Form* by the deadline is subject to being withdrawn from the course. www.clayton.edu/career.

Counseling and Psychological Services

Counseling and Psychological Services provides confidential personal counseling services to Clayton State students, in order to promote students' academic, vocational, social, emotional, and cultural growth. We embrace a student-oriented philosophy that is respectful of diversity and is committed to the development of the whole person. Students who come to our office typically are dealing with concerns regarding stress, depression, relationship problems, anxiety, and a number of other issues. Counseling and Psychological Services also provides outreach, educational and preventive programming that focuses on the developmental needs of students that maximize their potential to benefit from the academic environment. Consultative services are provided to members of the university community in order to make staff and faculty aware of the mental health needs of students. In addition, psychiatric services are provided to students who are being seen at our center. Students can take an anonymous mental health screening on our website at www.clayton.edu/counseling. Your CSU Counseling and Psychological Services center is accredited by the International Association of Counseling Services.

Disability Resource Center

The **Disability Resource Center** at Clayton State University, in partnership with the university community, is committed to creating an accessible, inclusive campus where students with disabilities have an equal opportunity to fully participate in and benefit from all aspects of the educational environment.

The DRC serves students who are enrolled in learning support, undergraduate or graduate level credit courses. Assistance coordinating services is provided for other students, including those enrolled in Continuing Education courses. Students with disabilities are considered for admission using the same criteria as other students. Once admitted to CSU, students with disabilities seeking accommodations should consult the DRC website as early as possible and follow the posted instructions regarding the process for ***registering with the office***.

Documentation of the disability from an appropriately licensed professional must be provided by the student to verify the disability and the functional limitations that substantially limit one or more major life functions. Documentation must include the rationale for the requested reasonable accommodations.

The following are examples of some common disabilities that may qualify an individual for accommodations:

- Learning Disabilities
- Attention Deficit/Hyperactivity Disorder
- Blindness/Low Vision
- Hard of Hearing/Deafness
- Chronic medical conditions
- Psychological /Psychiatric Disabilities
- Motor/Mobility Impairment
- Brain injury
- Other conditions that substantially limit a major function (seeing, hearing, walking, moving, breathing, learning, etc.)

Based on the documentation provided, students may be eligible for one or more accommodations. Common accommodations may include, but are not limited to:

- Extended test time
- Permission to audio record lectures
- Distraction-reduced testing environment
- Sign language interpreter services
- Alternate text formats for textbooks and other printed course materials
- Use of computers with assistive technology for testing
- Housing modifications
- Captioning services
- Assistive listening devices
- Volunteer note-takers
- Priority registration
- Physical access accommodations

For additional information, visit the Disability Resource Center website at *www.clayton.edu/drc*, call (678) 466-5445 or send an e-mail to *DisabilityResourceCenter@clayton.edu*. (Please note that e-mail is not a secure and confidential method of communication.)

Appeals and Grievances

ADA Grievance Procedure

The Americans with Disabilities Act (ADA) provides that no qualified individual with a disability be denied access to or participation in services, programs, and activities of a public entity. Clayton State University strives to maintain the highest standards of integrity and fairness in its policy and nondiscrimination on the basis of disability. The University has adopted an internal grievance procedure providing for the prompt and equitable resolution of complaints alleging any action prohibited by the ADA and Section 504 of the Rehabilitation Act of 1973. Students, faculty, staff, and applicants who believe they have been discriminated against on the basis of disability by Clayton State University may file complaints pursuant to the following procedures.

Contact Person for Complaints:: Clayton State University, ADA Coordinator, Dr. Elaine Manglitz, 2000 Clayton State Blvd., Morrow, GA 30260, 678-466-5444.

Procedures for Complaints:

A complaint of discrimination on the basis of disability, including complaints about the denial by the University of requested accommodations, should be filed in writing with the ADA Coordinator within 30 calendar days of the allegedly discriminatory act. A complaint shall contain the name and address of the person filing it and a brief description of the alleged violation. If the complainant needs an accommodation in order to file the complaint, s/he should inform the ADA Coordinator.

An investigation, as may be appropriate, shall follow the filing of a complaint. The ADA Coordinator will conduct the investigation. These rules contemplate informal, but thorough, investigations, affording all interested persons an opportunity to submit evidence relevant to the complaint.

A written determination as to the validity of the complaint and a description of the resolution, if any, shall be issued by the ADA Coordinator and a copy forwarded to the complainant no later than 30 calendar days after filing.

The ADA Coordinator shall maintain the files and records for Clayton State University relating to the complaints filed.

The complainant may request a reconsideration of the case if s/he is dissatisfied with the resolution. The request for reconsideration should be made within 10 calendar days to the ADA Coordinator.

Other Remedies:

The right of a person to a prompt and equitable resolution of the complaint filed hereunder shall not be impaired by the person's pursuit of other remedies, such as the filing of an ADA Complaint with the responsible Federal department or agency. Use of this grievance procedure is not a prerequisite to the pursuit of other remedies.

Rule Construction:

These rules shall be constructed so as to protect the substantive rights of interested persons, to meet appropriate due process standards, and to assure that Clayton State University complies with the ADA and the implementing regulations.

Other Procedures:

The procedures provided herein are in addition to, and not in lieu of, any other procedures or remedies available under the law or otherwise.

Orientation and New Student Programs

The Office of Orientation and New Student Programs facilitates and enhances the successful first year transition of all freshman and undergraduate transfers at Clayton State University.

New Student Orientation: Orientation offers new students and their families an introduction to Clayton State University. All new students (*some exceptions apply based on student admit type) are required to participate in the new student orientation programs. Orientation programs are offered for all new degree-seeking and certificate students (including transfer students). Additional programming includes:

- New Student Convocation
- StartSmart Workshop Series
- Peer Mentoring – First Step Program

- Nontraditional Student Recognition Week

http://www.clayton.edu/orientation.

Department of Campus Life

The Department of Campus Life is the hub for student involvement at Clayton State University! Campus Life provides opportunities for students to learn and develop personal and professional skills by engaging them in educational, leadership, multicultural, service-based, and social experiences. Student involvement activities include the Alternative Break Volunteer Program; the Multicultural and Diversity Conference; Sorority and Fraternity Life; the AmeriCorps National Service Program; Service Learning; the Student Leadership Conference, and over 70 student organizations to meet the personal and social needs of all students.

Campus Life is the home of the following student organizations:

Campus Events Council (CEC) - the Campus Events Council is the University activities board that sponsors a variety of programs including concerts, novelty acts, comedy shows, cultural celebrations, and family-fun nights.

Student Government Association (SGA) - the Student Government Association is an elected body of student representatives who work in conjunction with the Division of Student Affairs and other administrative units to address student issues, promote the general welfare of the student body, and sponsor key events including the Annual Student Forum, Student Appreciation Day, and the Homecoming formal dance.

Student Media- Clayton State University's student media program is comprised of the University's three media organizations: the Bent Tree newspaper, Clayton State Internet Radio (CSIR), and Clayton State Television (CSTV). Clayton State University's media outlets communicate news that affect the student body and assist departments and student organizations in communicating campus-wide interests.

Student Activities Center (SAC)

The Student Activities Center (SAC) is the on-campus facility for student activities, student organizations, programming and events, fitness, intramural sports, recreation, and fun at Clayton State University! The SAC houses a multi-level state-of-the-art fitness center complete with two courts for basketball, volleyball, and badminton, and two group exercise studios. Other spaces for student use include the ballroom and pre-function space, TV lounge, music café, student study areas, student organization offices and work space, and a game room.

International Student Services

The mission of the International Student Services Office (ISSO) at Clayton State University is to facilitate the success of accepted international students through: effective advising on regulatory compliance; diverse cultural, integrative and leadership opportunities; and the advocacy of cultural

competence and global awareness campus wide. A full-service ISSO is located in the University Center, in room 208. Please visit http://www.clayton.edu/international-student-services for more details.

Veterans Resource Center

The Veterans Resource Center (VRC) is committed to helping create a seamless transition into higher education for Military Service Members and their dependents. The VRC provides Service Members a welcoming and dedicated venue to assist in adjusting to campus life and achieving academic excellence. The VRC is a place for Veterans and Active Duty members alike to meet, get information, and just hang out and be themselves with like-minded individuals who understand the military culture and language. Knowing that transitioning back to a civilian lifestyle, including the campus lifestyle, can be a culture shock for some, the VRC staff is dedicated to providing resources, connections and support for all armed forces members and their families throughout their college career. The VRC operates as a "4-1-1" location for information about services available on campus and in the local community. Learn more about the Veterans Resource Center online at http://www.clayton.edu/veterans-information-page/home.

Office of Information Technology & Services

The Office of Information Technology & Services is especially important to students at Clayton State because of the University's commitment to using information technology to enhance teaching and learning. Clayton State is a laptop university, and all students are required to own or have ready, on-demand access to a notebook computer plus an Internet Service Provider at home for educational use. The Office of Information Technology & Services consists of four departments—Administrative Systems, Client Computing Services, Media and Printing Services, and Telecommunications and Networking Services.

Administrative Systems operates and supports the University's student information systems in-house. Clayton State's financial and human resource systems are operated remotely from Athens.

Client Computing Services provides the campus with world-class support via telephone at (678) 466-4357 (HELP), email at thehub@clayton.edu, and from two locations:

- The Hub Walk-up Service Counter in the University Center lobby is a drop-in Help Desk for laptop problems. The Hub Service counter is open from 8 to 8 Monday through Thursday and is certified to perform warranty work on covered computers purchased from preferred Clayton State vendors.
- The Hub Student Software Support Service located on the first floor of the Library loads the University's standard software bundle (operating system, MS Office Suite, antivirus, etc.) on student notebook computers. Software Support also assists students in learning how to use computers and software and can assist students who have problems with application software.

Media and Printing Services provide a wide range of support to the campus. Teaching at Clayton State is delivered via sophisticated classroom LCD presentation systems, and Media Services maintains and supports the

presentations systems installed in CSU classrooms. Printing Services provides copying and printing services for the campus.

Telecommunications and Networking operates LakerNet, the campus network, and the University's servers. LakerNet consists of more than 5,000 hard-wired Ethernet ports in classrooms, the library, and lobbies of campus buildings. LakerNet also includes a wireless access cloud in all of the academic buildings. Telecommunications also provides all students, faculty, and staff with email accounts and operates the campus telephone system.

Other Student Services

Health Services (678) 466-4940

The mission of the University Health Services (UHS) is to provide accessible, cost effective, quality primary health care services, which in turn promotes work effectiveness and academic success. This is accomplished by providing accessible, cost-effective, quality treatment of minor illnesses/injuries, increasing student knowledge of wellness, and by promoting positive health behaviors and disease prevention.

UHS clinic provides services in the following areas: primary care, physical exams, allergy shots, selected immunization services, laboratory services, health education, prescription and non-prescription medication, health screenings and individual counseling on health issues.

UHS staff also provides direct patient care, including diagnosis and treatment of illnesses and injuries. Students may use the UHS for unlimited office visits with the Nurse Practitioner and with the contract for a wide variety of acute care medical problems.

The Health fee covers unlimited office visits and over the counter medications each semester. All other immunizations, lab work, health screenings, and prescription medications require students to pay a fee for service cost. University Health Services provides a free HIV/STD Health Fair every semester, hosts a Flu shot Fair every Fall for a service fee, and during spring semester hosts a Health Fair which offers free or at cost screenings such as Diabetes, cholesterol, osteoporosis, vision, sickle cell, and blood pressure screenings, etc.

The clinic is open Monday through Friday. Refer to http://www.clayton.edu/uhs for posting of hours of operation and for the current fee schedule. For more information about the University Health Services call (678) 466-4940 or fax (678) 466-4944.

The Department of Public Safety handles on-campus emergencies (678-466-4050, STC 117B).

Department of Public Safety (678) 466-4050

The Department of Public Safety operates the fully certified University Police Department which is committed to preventing crime and promoting safety on and near the campus of Clayton State.

To ensure efficient control of traffic and parking on campus and the safety of all persons and vehicles, each motorized vehicle operated at Clayton State University must be registered with the Department of Public Safety (678) 466-4050, STC 207 and must display an official Clayton State parking permit. A parking service fee is charged all students.

The campus speed limit is 20 mph, and all vehicles are required to stop for pedestrians. The University police are responsible for enforcing parking and traffic regulations. Emergency telephones are located in the parking lot.

The Loch Shop (678) 466-4220

The Loch Shop Clayton State University's bookstore is a full-service facility located in the Student Center. The Loch Shop features:

- New and used textbooks for sale or rent
- E-books
- Hub-approved Dell Laptops
- Tablets and e-readers
- General and special order books
- School and office supplies
- Backpacks
- Gifts and cards
- Convenience items
- University insignia merchandise
- Daily book buy back
- Purchase books online at: (http://www.clayton.edu/auxiliaries/thelochshop/onlinestore).

LakerCard Center (678) 466-4215

The LakerCard is the official Clayton State student ID. It is accepted as photo identification to access an array of services on campus, including the Library. Students can deposit money into the LakerBucksaccount, allowing them to use the LakerCard as an on-campus debit card at the Loch Shop, all dining locations, vending machines, student copiers, SmartPrint (student printing), University Health Services, and Public Safety. Deposits to the LakerBucks account can be made online with a credit card at: www.lakercard.com.

CSU Dining Services (678) 466-4213

CSU Dining Services offers a variety of dining options on campus. The Lakeside Dining Hall is an all-you-care-to-eat location for students with meal plans. It offers grill items, a hot line with meat and vegetarian entrees and sides, a salad bar, a deli, brick oven pizza, desserts and beverages. In addition to the Dining Hall, we have Jazzman's Café for coffee and smoothies, Pizza Hut Express, SubConnection, Simply-to-Go, and Sandella's Flatbread Café. For more information about Dining Services and meal plans, visit: www.csudining.com.

Vending (LakerCard Center) (678) 466-4215

Vending services are available across campus. Selections include soft drinks, water, juices, energy drinks, and snack items. All vending machines accept cash and the LakerCard.

Smartprint/Copying (LakerCard Center) (678) 466-4215

SmartPrint is the student printing service on campus. Documents must be queued from your laptop computer using the SmartPrint print queues (download available online) or from the GALILEO workstations. Print stations are located in the Library, Software Support, the University Center, Laker Hall, Natural and Behavioral Sciences, and the Music Building. Photo Copiers are located in the Library and University Center. Both services accept LakerBucks exclusively for payment.

Intercollegiate Athletics

Clayton State University Athletics program features 10 sports and competes at the NCAA Division II-level in the Peach Belt Athletic Conference. T he University has five male and five female teams, which compete in six sports:

- men's and women's basketball
- men's and women's soccer
- men's and women's cross country
- men's and women's track
- women's tennis
- men's golf.

In the Peach Belt Conference, the Lakers face such schools as Columbus State, Georgia College, Armstrong Atlantic, and Augusta State. The conference consists of eleven Southeastern schools that have won 28 national championships. Clayton State's Women's Basketball team won the 2011 Division II National Championship.

All students are strongly encouraged to support their teams by attending games, meets, and matches. Admission to home events is free for Clayton State students with a LakerCard.

ADMISSION INFORMATION

Requirements for All Applicants

To be admitted to Clayton State University, a new student must qualify under one of the admission categories listed below. Applicants in *all* categories must submit (1) a completed application for admission, (2) the required application fee, and (3) all documents required by the appropriate category under which they are applying.

The admissions application may be obtained from the Office of Recruitment and Admissions in the Student Center Building or on-line at http://www.clayton.edu. If you need assistance or have questions about admission, please contact the Office of Admissions by email at CSU-info@clayton.edu or call (678) 466-4115.

Application Deadlines

To ensure admission consideration for a given term, applicants in all categories must meet the appropriate application deadline as follows:

Priority Deadline

Fall Semester..... July 15
Spring Semester ..... November 15
Summer Semester ..... April 15

*The Office of Recruitment and Admission may accept applications for admission for a period of time after the final deadline; however, students must submit a complete packet to ensure timely review and processing of the materials.

An application fee of $40.00 is assessed to those who use the paper application or who apply on-line and is non-refundable.

Transcripts and Test Scores

High school and/or college transcripts must be official copies in sealed envelopes provided by the high school and/or college; student copies are not acceptable. Test scores (SAT I & II, ACT, AP) must be submitted to Clayton State directly from the testing service or on the official high school transcript; copies provided by the student are not acceptable. In cases requiring the SAT II, the University will provide information about which tests are needed and what scores are acceptable.

Admission Categories

Applicants for admission to Clayton State are classified into one of the following categories:

- Recent High School Graduates (graduation class in the past five years)
- Non-traditional (applicants whose high school class graduated more than five years ago who have a GED, or whose high school class graduated more than five years ago and have less than 30 hours of transferrable credit).
- Transfer Students
- Dual Enrollment
- Transient Students
- International Students
- Other Categories (post-baccalaureate, auditors, age 62 and older)

These categories and the standards and procedures for them are defined and explained under the headings that follow. The University reserves the right to change admission standards and procedures.

Program Admission

General admission to the University does not guarantee admission to certain programs that have limited enrollment capacity and/or additional standards. This includes such programs as nursing, dental hygiene, music, teacher education, information technology, and business.

Recent High School Graduates

This category is designed for students who have recently graduated from high school or who will do so soon. Students in their senior year of high school who anticipate graduating prior to their admission to Clayton State University (Clayton State) are in this category. Applicants in this category must have graduated from high school within the past five years, and if they have been to college they must have completed fewer than 30 semester hours (or quarter equivalent) of college-level credit. Applicants who have 30 or more credit hours of college-level work must apply under the transfer category.

Clayton State University's admission standards are based on grade point average, College Preparatory Curriculum, and standardized test scores as explained under the headings below. Depending of their level of achievement in high school, accepted applicants are classified into "regular" or "limited" admission status.

- **"Regular" Admission Status.** This status indicates that the student has met all of the admission standards required by Clayton State of a recent high school graduate (see below) and is ready to begin college level work. (Preparatory work may be needed in mathematics: MATH 0099 or English: ENGL 0099.)
- **"Limited" Admission Status**. A restricted number of students who have not achieved all of the standards for "regular" admission but who do meet the University's minimum admission standards may be admitted on a "limited" basis. Students admitted on this basis may be required to take special placement tests and may be placed in Learning Support courses if indicated by the results.

Standards for "Regular" Admission Status

1. **College Preparatory Curriculum Completed.** To qualify for regular admission to Clayton State, an applicant must have graduated from an accredited high school and completed the "college prep" high school courses specified by the University System of Georgia College Preparatory Curriculum as follows:
    - four years of college prep English
    - four years of college prep mathematics
    - three years of college prep science
    - three years of college prep social studies
    - two years of college prep foreign language

Applicants with questions about the College Preparatory Curriculum should contact their high school counselors or call the Clayton State Office of Admissions (678) 466-4115. Students who graduated from an out-of-state high school and do not meet Georgia's College Preparatory Curriculum requirements (e.g. foreign language) but are otherwise well-prepared may be considered as Presidential Exceptions. (See heading below.)

2. **Freshman Index (FI) of 2300.** The FI is calculated based on a sliding scale between high school grade point average in College Preparatory Curriculum courses (HSGPA) and standardized test scores (SAT or ACT). To qualify for regular admission to Clayton State, an applicant must have achieved the following:
   - **SAT-ACT Minimum:** SAT-I score of at least 830 with subscore minimums of 430 verbal and 400 math (or ACT score of at least 17 English and 17 math).
   - **Freshman Index (FI) of at least 2300.** The FI is calculated as follows:
     -- Using SAT-I: SATV + SATM + (HSGPA x 500).
     -- Using ACT: (ACT composite score x 42) + (HSGPA x 500) + 88.

"Limited" Admission Status

Students who meet the College Preparatory Curriculum and SAT/ACT minimums for regular admission but whose freshman index (FI) falls in the window between 2000 and 2300 may be reviewed by the Admission Appeals Committee for "limited" admission. Students admitted in this status will be required to take additional placement tests and may be required by the institution to take Learning Support courses or may have other restrictions imposed as a condition of admission.

Standards for Home School and Non-Accredited Graduates

In lieu of the Freshman Index and College Preparatory Curriculum requirements, applicants from home schools or graduates of nonaccredited high schools may validate the College Preparatory Curriculum through satisfactory documentation of equivalent competence in each of the College Preparatory Curriculum areas at the college preparatory level. A student whose SAT I Composite (Verbal plus Mathematics) score is at or above the average SAT I score of the previous year's fall semester first-time freshman and who has completed the equivalent of each of the College Preparatory Curriculum areas as documented by a portfolio of work and/or other evidence that substantiates College Preparatory Curriculum completion qualifies for consideration for admission. For students with ACT scores, the ACT composite score comparable to the average SAT I total score is required.

Applicants lacking an acceptable College Preparatory Curriculum portfolio may validate College Preparatory Curriculum by the following SAT II scores: English Writing (520), Literature (530), Math IC (500) or Math IIC (570), American History & Social Studies (560), World History (540), Biology (520), and one of the following: Chemistry (540) or Physics (590). Contact the Office of Admissions for details (678) 466-4115.

"Limited" Admission to Vocational Programs

Applicants who wish to enter a certificate or career associate degree program (except Information Technology or Paralegal Studies) may be considered for admission under the limited category if they do not qualify for regular admission. This applies especially to students in "Tech Prep" programs

in high school. Certain substitutions in College Preparatory Curriculum requirements may be made for such students. Students entering under limited admission to a vocational program may not change majors to a non-vocational major until they have exempted or exited from all Learning Support requirements and completed all of the Core Curriculum courses (Area A-E) in an Associate of Applied Science (A.A.S.) degree with a minimum 18 hours and GPA of at least 2.00 in the Core. Contact the Office of Admissions for details (678) 466-4115.

Special Admission Circumstances

A recent high school graduate otherwise not eligible for admission may be considered for admission in two circumstances: (1) if the applicant has standardized test scores (SAT I or ACT) in the upper five percent of national college-bound seniors and shows other evidence of college readiness, and (2) if the President determines that the applicant shows exceptional talent and promise for academic success. Such presidential exceptions are very limited. Contact the Office of Admissions for details.

Non-Traditional Students

The non-traditional freshmen category applies to applicants who have been out of high school for at least five years and who have no (or very little) college credit. Non-traditional students are encouraged to consider some of the Academic and Test Preparation courses offered in Continuing Education (678) 466-5050 prior to applying for University admission. Applicants in this category do not have to meet the same standards as recent high school graduates and do not have to submit SAT or ACT test scores.

To qualify for non-traditional freshmen admission, all four of the following criteria must apply:

1. Applicants must have graduated from an accredited or approved high school or have satisfactorily completed the General Educational Diploma (GED).
2. Applicants must have been out of high school for at least five years. (For GED holders, their original high school class must have graduated at least five years ago.)
3. Applicants who have attended college must have earned fewer than 30 semester hours of transferable credit to be considered a non-traditional freshmen. (See the transfer section for additional information about special requirements for non-traditional freshmen applicants who have some transfer credit.)
4. Applicants must take the COMPASS test and make an acceptable score.

Prior to being accepted, applicants classified as non-traditional must take an entry examination (COMPASS) to determine admissibility and if admissible, any Learning Support requirements. Students not meeting minimal scores on the COMPASS will not be admitted.

Students who meet the minimum standards but do not test into college level courses in English, reading and/or mathematics will be required to take the appropriate pre-college “learning support” course(s). If the COMPASS indicates the need for Learning Support Courses, the admitted non-traditional students will be *required* to enroll in such courses and must exit learning Support (through testing) in accordance with Learning Support policies.

Students not meeting the minimum level for admission or placing into Learning Support courses are allowed one retest. Non-traditional students who fail to make a minimum score upon retesting on the COMPASS have these options:

- re-take the COMPASS only one time each semester
- seek admittance to another institution, and then transfer to Clayton State based on the transfer standards listed below.

Transfer Students

Transfer Application Procedure

Any student who transfers credit to Clayton State from another college or university is considered a transfer student. Like all applicants, transfers must submit a Clayton State application form and immunization form by published deadlines. In addition, transfer applicants must submit official transcripts from *all* colleges or universities attended regardless of whether the student has any transferable hours from the institution. Official transcripts must arrive in sealed envelopes. (Clayton State will accept electronic transcripts from certain University System institutions.) Student copies of transcripts are not acceptable.

Transfer Admission Standards - Regular Admission

Transfer students will be granted regular admission if they meet the following standards:

a. Have 30 or more semester hours of transferable credit. (Transfer applicants with fewer than 30 hours must meet the admission requirements for either a recent high school graduates [freshman] or nontraditional student in addition to the transfer admission standards.)
b. Have a cumulative transfer GPA of at least 2.00. (Transfer applicants with a GPA below 2.00 should see the limited admission heading below for possible appeal.)
c. Be in good academic and conduct standing at the last institution from which credit was earned.

Transfer Admission Standards - Limited Admission

Transfer applicants who have a GPA below 2.00 and/or who are not in good standing at their last institution may submit an appeal for limited admission. If admission is granted, the student will be on academic probation. Contact the Registrar's Office to obtain the appropriate appeal form.

Transfer Applicants With Fewer Than 30 Semester Hours

Special considerations apply to transfer applicants who have earned fewer than 30 hours of transferable credit:

a. if the applicant graduated from high school within the last five years, the applicant must meet standards for recent high school graduates in addition to transfer admission standards. Such applicants must submit all high school transcripts as well as college transcripts.
b. if the applicant graduated from high school more than five years ago, he or she will be considered a non-traditional transfer applicant. The admission decision will be based on a combination of transfer grades and scores on required admission/placement tests.

General Policies on Transfer Students

1. **Academic Standing.** A student admitted as a transfer is subject to the academic standing regulations at his or her previous institutions(s) *and* to the academic standing regulations for students already attending Clayton State. This means that all probations, suspensions, and dismissals (exclusions, expulsions, etc.) carry over from the sending institution(s).
2. **Acceptable Credit.** Clayton State will normally and routinely accept credit for all college-level work earned with acceptable grades (see item 3) at regionally accredited colleges and universities provided that the courses are comparable to ones offered at Clayton State or otherwise appropriate for application to the Clayton State curriculum. Credit from non-accredited institutions is not normally accepted.
3. **Grade Requirements.** A minimum grade of *D* will be accepted for transfer credit in lower division (1000-2000) courses except ENGL 1101. A minimum grade of *C* is required for transfer credit in upper division (3000-4000) courses. Some programs of study (majors) at Clayton State University require a grade of *C* or better (or *K*) in all or some courses in the field, including, in some cases, lower-division courses. Acceptance of a course with a grade of *D* by the University does not guarantee its acceptance in a specific program.
4. **"2 + 2" Programs.** A student who has earned a career associate degree (A.A.S., A.A.T., A.S.N., A.S.D.H., etc.) may be admitted to a "2+2" baccalaureate program (B.S.N., B.A.S.) in accordance with the policies in the College of Professional Studies sections of the Catalog.
5. **Placement Examinations.** Transfer students who have not completed and received transfer credit for MATH 1101 or higher are required to take the Accuplacer.
6. **Learning Support**. Transfer applicants will be screened for previous participation in the University System of Georgia Learning Support program. Previous participants must furnish Clayton State with a complete record of their test performance on all required tests. Students who have not exited an area at the sending institution will be bound by Clayton State University's Learning Support requirements, and the University may require additional testing to help determine an applicant's qualifications for admission.

Joint Enrollment / Early Admission of High School Students

Clayton State University provides academically talented high school students with opportunities for acceleration of their formal academic programs via participation in (1) a joint enrollment program or (2) early admission program.

- **Joint Enrollment Program** – offers qualified high school juniors and seniors the option to begin working toward a college degree, while still pursuing a high school diploma. This program enables participants to fulfill high school graduation requirements by taking college courses that provide dual credit-- simultaneously fulfilling high school course requirements.
- **Early Admission Program** – enables qualified high school students the opportunity to enroll as a full-time college student following completion of the junior year in high school.

Generally, students participating in joint enrollment or the early admission program take college-level courses from the University System Core Curriculum or courses for which Core Curriculum courses are prerequisites or co-requisites

Participation Guidelines

To participate in either program a student must be enrolled in public or private secondary high school, which is accredited by one of the following:

- Regional accrediting association (such as the Southern Association of Colleges and Schools)
- Georgia Accrediting Commission
- Georgia Private School Accrediting Commission (GAPSAC)
- Accrediting Commission for Independent Study (ACIS)
- Public school regulated by a school system and state department of education.

ACCEL Program Funding

Students who are interested in joint enrollment or early admission may be eligible for funding under ACCEL via the Georgia Student Finance Commission (GSFC). The ACCEL Program provides qualified Georgia high school students with the financial assistance and opportunity to earn college degree-level credit hours, while they simultaneously meet their high school graduation requirements. To receive ACCEL Program funding, authorized participants must complete an ACCEL Program application. C ourses funded under the program must come from the GSFC approved course directory.

Admission Requirements

The minimum admission standards for joint enrollment and early admission are:

- Minimum SAT I score of 970, combined Verbal and Mathematics sections, or ACT Composite of 20;
- Minimum cumulative high school grade point average of 3.0 or higher in courses taken from the required 16 CPC units;
- Exemption of all learning support requirements for early admission;
- Written consent of parent or guardian (if the student is a minor);
- On track towards the completion of the University System of Georgia 16-unit CPC requirements and high school graduation.

Students intending to complete their CPC or high school graduation requirements by enrolling in college courses must also meet the following admission requirements:

- CPC English and/or Social Science - students planning to complete their 4th year high school English and/or social studies requirements with college credit must have an SAT I Verbal score of 530 or higher or ACT English score of 23.
- CPC Math - student's planning to complete their 4th year of high school mathematics must have completed Algebra I and II and Geometry and have a SAT I Mathematics score of at least 530 or ACT Mathematics scores of at least 22.
- Electives - students can enroll in appropriate elective courses as approved by the high school counselor. Students must have completed

two units of a foreign language to enroll in a college foreign language course and students three units of science prior to enrolling in a college science course.

Admission to Clayton State University – joint enrolled or early admission program students must be admitted to the university and are required to complete appropriate admissions requirements, including a CSU Application for Admission.

Special Academic Recognition and Honors Programs

Clayton State University joint enrolled or early admission students are afforded the opportunity to achieve a special academic recognition and participate in various university sponsored honor society programs.

- Freshman Scholar – students accepted into the joint enrollment or early admission program with an SAT score (combined math/verbal) of 1060 or higher and a minimum cumulative high school grade point average of 3.0 or higher (in courses taken from the required 16 CPC units), receive special recognition as a Freshman Scholar. A student designated as a Freshman Scholar (while participating in the joint enrollment or early admission program) must maintain a 3.0 average or higher on all Clayton State University college work in order to maintain the special recognition status.
- PTK International Honor Society – qualifying Freshman Scholars receive an invitation to participate in the renowned Phi Theta Kappa International Honor Society and society members in good standing are eligible for additional academic honors, scholarships, and programs.
- PTK Leadership Development Studies Program - joint enrollment or early admission program students will receive an opportunity to engage the nationally recognized PTK Leadership Development Studies Program course and community service component.

Program Contact Information – additional program information can be obtained by contacting (678) 466-5053.

Transient Students

A student in good academic standing at another college or university may apply for admission and enrollment as a transient student at Clayton State. Transient status is usually limited to one term at a time, and enrollment is subject to the following requirements and conditions:

1. An applicant must complete an application for admission and furnish documentation from the Registrar of the college or university last attended that includes the following:
   a. a recommendation for transient admission to Clayton State University,
   b. a statement that the student is eligible to return, and
   c. a list of recommended courses to be taken at Clayton State University.
2. Transient enrollment is on a space-available basis, and some courses may be closed to transient students at some stages of the registration process.

3. A transient student who desires to continue as a transfer student at the University must apply through the Admissions Office and meet all transfer admissions policies, deadlines, and requirements.

International Students

Admission Procedures

All international students must pay the Clayton State application fee and provide all of the same documents required of U.S. citizens including a completed application for admission form, a completed immunization form signed by a health care provider, and official copies of school transcripts, International Credential Evaluation, certificates, and diplomas.

Students requiring an F-1 visa to enter the United States

- must provide proof that adequate funds are available for educational and living expenses, and
- are exempt from the SAT/ACT requirement if the student demonstrates English proficiency as prescribed by the University, has a 2.00 high school GPA, and does not have the opportunity to take the SAT or ACT before entering the US on an F-1 visa.

Permanent residents and applicants in other immigrant/non-immigrant categories must bring their immigration documents to the Office of Admissions. Such documents may include passport, resident alien card, I-94, or EAD.

Non-native speakers of English must demonstrate English proficiency as outlined in the section below.

Additional information regarding requirements for International Students is available on the University website (www.clayton.edu).

English Proficiency Requirement

All students whose native language is not English must demonstrate proficiency in English in one of the following ways:

1. Submission of TOEFL (Test of English as a Foreign Language) score of at least 550 on the paper and pencil test or at least 210 on the computer-based test.
2. Successful completion of Level 109 at ESL Language Center in Atlanta (404-266-2066).
3. Successful completion of two years of regular (non ESL) high school English courses at an approved or accredited United States high school and graduation from the same high school.
4. Successful completion of one non remedial, non ESL course (minimum of three semester credit hours) in English Rhetoric and Composition at a United States regionally accredited college or university.

Medical Insurance

Upon enrollment into the University, all students on F-1 visas are required to provide proof of medical and health insurance coverage.

Other Admission Categories

Post-baccalaureate Students

Students who already hold a bachelor's degree from an accredited college or university may be admitted to Clayton State University on a pos t-

baccalaureate basis. Applicants in this category must submit an official transcript from the degree-granting institution. (Applicants below must also submit transcripts from any other institution from which they want Clayton State to accept credit.)

Post-baccalaureate students are in the following category:

Non-degree/certificate. This includes students who are taking courses at Clayton State for career development or personal enrichment only and who are *not* seeking a degree or certificate from Clayton State.

Students 62 Years of Age or Older (Senior Citizens)

Citizens of Georgia who are 62 years of age or older may attend Clayton State University on a space-available basis without payment of fees (except for supplies, the application fee, and special course fees).

An applicant desiring admission under this classification must meet all regular admission requirements to the University, must be a Georgia resident, and must present proof of age.

Presidential Exceptions

In truly exceptional cases, students who do not otherwise qualify for admission may be admitted by the President of the University if the President has reason to believe that the applicant has special talents that make it likely that he or she will be academically successful. Requests for Presidential Exceptions should be sent to the Office of Admissions (678) 466-4115.

Readmission of Former Clayton State Students

The readmission process is required prior to registration for any student who has not been enrolled at Clayton State during the previous twelve months.

Readmission to Clayton State for former students is a simple and quick process that is handled by the Registrar's Office in person (STC-239) or on-line (http://www.clayton.edu).

Students who were in good standing at the end of their last term at Clayton State and who had exempted or exited Learning Support requirements and who have not attended any other college or university during their absence from Clayton State are guaranteed readmission upon completing the process. (Readmission to the University does not guarantee admission to specific academic programs that have additional requirements and/or space limitations.)

The following additional readmission regulations apply to students who have attended another college or university while absent from Clayton State and to students who are not in good academic standing:

1. Any student who has enrolled in any other college or university while absent from Clayton State must submit to the Registrar official transcripts from the institution(s) attended. Transcripts must be submitted even if the student does not intend to apply credit to a Clayton State program. (It is not necessary to resubmit high school records or test scores.)
2. If the student was on academic probation at the end of his or her last term at Clayton State, the student will be readmitted on probation regardless of grades earned at another institution. For students on

suspension or dismissal from Clayton State, readmission will not be granted until the student has successfully appealed.

3. If the student was on academic probation at the end of his or her last term at the last institution attended while absent from Clayton State, the student will be admitted to Clayton State on probation regardless of previous grades at Clayton State. For students on probation or suspension from the last institution attended while absent from Clayton State, readmission will not be granted until the student has successfully appealed.

Georgia Residency Status

At the time of admission, a student is classified as a resident or a non-resident of Georgia for the purpose of determining fees. The definitions of resident status for this purpose are established by the Policies of the Board of Regents of the University System and do not necessarily parallel other definitions of residency.

A listing of these definitions is as follows:

1.a. If a person is 18 years of age or older, he or she may register as a resident student only upon showing that he or she has been a legal resident of Georgia for a period of at least twelve months immediately preceding the date of registration.
   Exceptions:
   i. A student whose parent, spouse or legal guardian is a resident of Georgia may be considered a resident, providing the parent spouse or guardian can provide proof of residency in the State of Georgia for at least 12 consecutive months prior to the date of registration.
   ii. A student who previously held residency status in the State of Georgia but moved away, then returned to the state within 12 months.
   iii. A student who is transferred to Georgia by an employer is not, upon proper documentation, subject to the durational residency requirement.

1.b. No emancipated minor or person 18 years of age or older shall be deemed to have gained or acquired in-state residence status for fee purposes while attending any educational institution in this State, in the absence of a clear demonstration that he or she has in fact established legal residence in this State.

2. If a person is under 18 years of age, he or she may register as a resident student only upon showing that his or her supporting parent or guardian has been a legal resident of Georgia for a period of at least twelve months immediately preceding the date of registration or has met one or more of the above exceptions.
3. A full-time employee of the University System and his or her spouse and dependent children may register on the payment of resident fees.
4. Non-resident graduate students who hold teaching or research assistantships requiring at least one-third time service may register as students in the institution in which they are employed on payment of resident fees.
5. Full-time teachers in the public schools of Georgia, their spouses, and their dependent children may enroll as students in the University System institutions on the payment of resident fees.
6. Military personnel and their dependents stationed in Georgia and on active duty, except military personnel assigned to System institutions for

educational purposes, shall pay the same fees assessed residents of Georgia. U pon proper documentation, those relocating to Georgia immediately upon discharge may register as residents.

7. All aliens shall be classified as non-resident students; provided, however, that an alien who is living in this country under a visa permitting permanent residence shall have the same privilege of qualifying for resident status for fee purposes as a citizen of the United States.
8. International students who attend institutions of the University System under financial sponsorship of civic or religious groups located in this State may be enrolled upon the payment of resident fees, provided the number of such international students in any one institution does not exceed the quota approved by the Board of Regents for that institution.
9. If the parents or legal guardian of a minor change his or her legal residence to another state following a period of legal residence in Georgia, the minor may continue to take courses for a period of twelve consecutive months on the payment of resident fees. After the expiration of the twelve-month period, the student may continue his registration only upon the payment of fees at the non-resident rate.
10. in the event that a legal resident of Georgia is appointed as a guardian of a non-resident minor, such minor will not be permitted to register as a resident student until the expiration of one year from the date of court appointment, and then only upon proper showing that such appointment was not made to avoid payment of the non-resident fees.
11. Career Consular Officers and their dependents who are citizens of the foreign nation which their Consular Officer represents, and w ho are stationed and living in Georgia under orders of their respective government, shall be entitled to enroll in University System institutions on payment of resident fees. T his arrangement shall apply to those Consular Officers whose nations operate on the principle of educational reciprocity with the United States.

Change in Residency Status

Individuals who enter the institution as non-resident students but later qualify as legal residents must fill out a Petition for Residency Classification form, which can be obtained from the Office of Admissions. To assure that proper consideration is given to requests for changes in residency classification, students should submit a P etition for Residency Classification at least 20 days prior to the beginning of the term in which they plan to enroll. A student's residence status is not changed automatically, and the burden of proof that the student qualifies as a legal resident under the regulations of the Board of Regents of the University System of Georgia rests with the student.

Lawful Presence Verification

The Board of Regents of the University System of Georgia has implemented a policy requiring University System Institutions to verify the lawful presence in the United States of all admitted students entering Clayton State University who are seeking in-state (resident) tuition status. BOR Policy 4.3.4 states: "University System institution shall verify the lawful presence in the United States of every successfully admitted person applying for resident tuition status (in-state tuition).

Information regarding this requirement and how it can be satisfied are found on the CSU website under the Admissions Office.

Other Admission Information

New Student Orientation

The new student orientation program is an important set of activities designed to acquaint new students with the resources available at Clayton State University. The program is tailored to the unique needs of all students, and there are programs for freshmen, transfer students, transients, and families of new students. All new students are encouraged to participate.

During the program, students will have an opportunity to meet faculty and students, become familiar with campus facilities, and be introduced to the wide variety of student services and activities available to the campus community. At the conclusion of orientation, students will meet with faculty advisors and register for courses.

Orientation details are provided after the student has been accepted to the University. Call (678) 466-5433 for additional information.

Placement Testing

Students newly admitted to Clayton State University under all categories may be subject to entry placement examinations (assessments), which are designed to measure proficiency in critical academic areas, especially mathematics. In addition, non-traditional students may be subject to screening tests to determine eligibility for admission. Students will be notified at the time of admission if examinations are required.

Examination results, in conjunction with high school grades and SAT (or ACT) scores, will be used to require or recommend placement in Learning Support courses or other learning experiences.

Testing may also be required at later points in the curriculum for the purpose of evaluating program effectiveness and individual student progress.

Denial of Admission

A student denied admission or readmission to the University may, upon request, have his or her application reviewed by the Admission or Readmission Appeals Committee if it has not already been reviewed. The committee may recommend the admission of a student on academic probation status if evidence of maturity, motivation, and ability is exhibited.

Students admitted to the University through appeal may be required to take certain courses.

Students denied admission to Clayton State may consult with the Clayton State Office of Admissions about the possibilities of admission to other institutions.

Servicemembers Opportunity College (SOC)

Clayton State University is a member of the Servicemembers Opportunity Colleges (SOC) Program. Participation in this program signifies that Clayton State has demonstrated a special interest in providing higher education opportunities and options for members of the United States Armed Forces. Clayton State is listed in the SOC Guide, which notifies military education professionals and service members that the University understands their

special needs and is receptive to assisting them achieve their higher education goals. Contact (678) 466-5053 or the Assistant Registrar (University SOC counselor) for additional information.

Academic Renewal

In most cases, the Clayton State University Institutional GPA will serve the needs of a student whose academic performance was weak in previous years. However, another option is available to students through the Academic Renewal Policy of the University System of Georgia. This policy allows degree-seeking students who have experienced academic difficulty at Clayton State University to make a fresh start after an absence of *five calendar years* from any and all colleges or universities to have *one* final opportunity to earn an associate or baccalaureate degree. Former Developmental Studies/Learning Support students may apply for Academic Renewal only if they successfully completed all Learning Support requirements *before* the commencement of the five-year period of absence. University System policy is as follows:

1. All previously attempted Clayton State coursework continues to be recorded on the student's official transcript. A cumulative grade point average including all courses taken and an Academic Renewal Cumulative Grade Point Average must be shown on each Academic Renewal student's permanent record.
   a. An Academic Renewal Cumulative Grade Point Average (CGPA) begins when the student resumes taking coursework following the five-year period of absence once approval for Academic Renewal has been granted. The institution will place a statement on the student's transcript indicating the Academic Renewal status and the beginning of a separate Academic Renewal CGPA.
   b. The Academic Renewal CGPA will be used for determining academic standing and eligibility for graduation.
   c. Academic credit for previously completed coursework–including transfer coursework–will be retained only for courses in which *A, B, C*, or *S* grades have been earned. Retained grades are *not* calculated in the Academic Renewal CGPA.
   d. To earn a degree, a student must meet the institution's residency requirement.
2. A student can be granted Academic Renewal status only once.
3. Any scholastic suspensions that occurred in the past shall remain recorded on the student's permanent record.
4. If a student does not request Academic Renewal status at the time of re-enrollment after a five-year or greater period of absence from any college or university, the student may do so within two academic semesters of re-enrollment or within one calendar year, whichever comes first. The Academic Renewal CGPA begins with the first term following re-enrollment.
5. Reentry into any specific degree program is not automatic.
6. The granting of Academic Renewal does not supersede financial aid policies regarding Satisfactory Academic Progress.
7. The granting of Academic Renewal may supersede the admissions requirements of certain programs (e.g., teacher education, nursing), which require a specific minimum grade point average based upon all coursework. This decision will reside at the institutional level.
8. Any currently enrolled student who was not enrolled at a college or university for a period of five calendar years may apply for an Academic Renewal CGPA. The Academic Renewal CGPA for currently enrolled students

begins with the first time following re-enrollment after the five-year period of absence from any college or university.

9. United States and Georgia history and constitution requirements met prior to the granting of Academic Renewal will remain on the student's permanent record even though the courses may not count in the Academic Renewal CGPA.
   a. Hours earned prior to Academic Renewal will count toward Regent's Test, College Preparatory Curriculum, and/or other Board of Regents policy requirements that state a specified number of hours earned.
   b. Academic Honors are calculated on the cumulative GPA, *not* the Academic Renewal CGPA.
10. Academic renewal cannot be granted on coursework NOT completed at Clayton State University.

Students who wish to seek Academic Renewal must submit a completed Academic Renewal Application form to the Office of the Registrar at least six weeks prior to the semester in which the student intends to begin taking classes under the Academic Renewal Policy.

FINANCIAL INFORMATION

General Regulations on Tuition and Fees

The majority of the operating budget of Clayton State University comes from appropriations passed by the Georgia General Assembly and allocated to the institution by the Board of Regents. Other sources of funds include student tuition, fees, contracts, gifts, and grants, including those from the Georgia Department of Technical and Adult Education.

Semester fees are payable on or before registration payment deadlines as published for each semester. A student's registration process is not complete until payment is made in full. It is the student's responsibility to see that his or her tuition and fees are paid even if the funds are provided by financial aid, scholarship, or some other source.

Checks should be made payable to Clayton State University for the exact amount of the required fees. During the normal registration period, the University accepts payment online or in person by VISA, American Express, Discover, and MasterCard subject to validation and approval. (Payment of fees may not be deferred). All fees are due and payable per deadlines published in the Schedule of Classes.

Required Tuition and Fees

TUITION

A complete tuition and fee schedule may be found on the Registrar's website by going to http://www.clayton.edu/bursar/fees.

Books, Software, and Other Course-Related Costs

Textbooks, software, and other materials or expenses required for courses at Clayton State University are the responsibility of the individual student. Textbooks and other course materials are sold at the Loch Shop and may also be available from off-campus sources. Materials may be ordered online from http://www.clayton.edu/auxiliaries/thelochshop/onlinestore . The cost of course materials varies with the course of study the student pursues; however, the typical full-time student may expect to spend between $250 and $450 or more each semester for course materials.

Financial Aid and Scholarships

The Financial Aid Office assists students with financing their education. For information on financial aid and scholarship programs available at Clayton State University, go to the Financial Aid website **http://www.clayton.edu/financial-aid**

Nursing and Dental Hygiene Expenses

A student enrolling in a program in Nursing or Dental Hygiene should expect additional expenses for uniforms, graduation pins, immunizations, and liability insurance. In the case of Dental Hygiene students, there are costs for instruments. A list of such costs is available from the College of Health.

Auditor Fees
A student who wishes to audit a course will be charged the same fees as a student taking the course for credit. Financial Aid will not pay for the audited classes.

Students 62 Or Older (Senior Citizens)
When space is available students 62 years of age or older may attend Clayton State University without payment of fees, except for supplies and laboratory or shop fees.

Regents' Tuition Remission and Reimbursement Policy
Full-time employees of the Board of Regents of the University System of Georgia who are eligible to participate in the Tuition Remission and Reimbursement program should contact the office of Personnel Services for complete information. Clayton State University participates fully in this program.

Continuing Education Course Fees
Continuing Education Courses are offered each semester by the Office of Continuing Education. Academic credit is not awarded for Continuing Education courses. Fees and refund policies for these courses are listed in brochures published by that office. The Financial Aid Office does not award financial aid for continuing Education courses.

Refund Policy

Refunds are granted only in limited cases as explained below. All refunds will be issued in the name of the student and by check only. If tuition and fees have been paid by federal or state funds, the refund will be made first to the issuing agency.

1. **Refunds for cancellation of registration or reduction in hours prior to the first class day of the semester.** Any student who has registered and paid will receive a full or proportional refund of fees paid (except for those identified above as non-refundable) if the student formally cancels his or her registration or reduces the number of hours taken prior to the first class day of the semester. (There is no refund for reduction of hours if the student remains enrolled in 12 or more hours since tuition caps at 12 hours.)
2. **Refunds for reduction in hours during the official Late Registration period.** If the late registration process results in a reduction of hours, the student's billing for tuition and fees will be adjusted up or down to reflect the hours for which he or she is registered at the end of the Late Registration period, and a refund will be issued if appropriate. If the student's registration remains at 12 or more hours, no refund will be issued since matriculation fees cap at 12 hours. Please remember that certain fees are non-refundable.
3. **After the end of the late registration period, no refunds are issued for reduction in hours if the student remains enrolled in any course.** After this point, refunds are issued only for complete withdrawal in accordance with Official Board of Regents' Policy as follows: "The refund amount for students withdrawing from the institution shall be based on a pro rata percentage determined by dividing the number of calendar days in the semester that the student completed by the total calendar days in the semester. The total calendar days in a semester includes weekends, but excludes scheduled breaks of five or more days and days that a student was on an approved

leave of absence. The unearned portion shall be refunded up to the point in time that the amount earned equals 60%. Students that withdraw from the institution when the calculated percentage of completion is greater than 60% are not entitled to a refund of any portion of institutional charges."

Death and Military Refunds

A refund of all tuition and fees (except those specifically identified as non-refundable) shall be made in the event of the death of a student at any time during an academic semester. (Contact the Registrar's Office for details.)

Military students are entitled to a full refund of tuition and fees paid for a semester of enrollment in the following cases: (1) students who are members of the Georgia National Guard or other reserve components of the Armed Forces who receive orders to active military duty after the first day of classes, and (2) military personnel on active duty in the Armed Forces who, before the end of their present station assignment, receive emergency orders for a temporary or permanent change of duty location. (Contact the Bursar's Office for details.)

Bad Check and Delinquent Account Policy

If a financial institution declines payment of a personal check tendered by a student and returns it to the University, the student will be charged $30.00. If a student check used for payment of registration fees is returned, the student will be assessed a late registration fee in addition to the service charge. A stop payment of a check does not constitute a formal withdrawal from the University or cancellation of registration and is considered a returned check. Official transcripts of credit will not be issued for students whose accounts in the Bursar's Office are held to be delinquent. If necessary, legal action will be initiated by the University for the collection of debts. Students who submit bad checks may be required to pay by other methods in the future.

ACADEMIC POLICIES

Basic Undergraduate Student Responsibilities

Students have responsibility for the development of their academic, social, and career goals. As part of their educational experiences at Clayton State, students are responsible and accountable for their academic choices and actions. They are responsible for reviewing, understanding, and abiding by the regulations, procedures, requirements, and deadlines described in official publications including the Catalog, the Student Handbook, Class Schedules, and applicable Departmental Student Handbooks.

Responsibilities in the Classroom

Each student is expected to:

- attend class;
- arrive for class on time and leave the classroom only at the end of class;
- engage in class discussions and activities when appropriate;
- exhibit classroom behavior that is not disruptive of the learning environment;
- make arrangements so that any children for which they are responsible are not brought into classroom buildings during class time;
- secure and turn off all electronic communications and entertainment devices during class time unless otherwise directed by the course instructor. Any use of a cell phone or other unauthorized electronic devise during an examination may lead to an accusation of academic dishonesty, which may ultimately lead to expulsion from the University.

Course Responsibilities

Each student is expected to:

- observe the prerequisites, co-requisites and other requirements for the course;
- obtain and understand the course syllabus;
- keep up with the coursework, complete all courses requirements, submit all assignments, and take all scheduled examinations;
- address any conflicts in scheduling with the instructor as soon as possible and in accordance with course policies concerning scheduled course activities;
- review all graded material and seek help if necessary;
- notify the instructor of any documented disabilities that might interfere with completion of course work as soon as possible;
- fairly and thoughtfully complete the course evaluation form.

Academic Progress

Each student is expected to take an active part in assessing his or her academic progress each semester, and to monitor progress towards completion of graduation requirements. Each student is expected to:

- review academic policies and procedures described in the current Catalog as well as in applicable Departmental Student Handbooks.

- know basic University, school or college, and departmental admission, progression and graduation requirements in their chosen majors and minors so they may plan completion of these requirements;
- meet regularly with the academic advisor to review academic progress, program plan and continuing enrollments.
- maintain personal copies of a tentative degree plan, progress reports, general educational material, and transfer credit evaluations until after graduation;
- see that any academic records from other universities are transferred and received by all the appropriate offices for evaluation.

Interactions with Faculty and Other Students

Each student is expected to:

- understand the concept of academic honesty and adhere to its principles;
- be respectful and polite to all faculty and other students;
- be familiar with and abide by the University's sexual harassment policies as well as University policies regarding consensual relationships between instructors and students;
- consult the Student Conduct Code about other aspects of student conduct in and out of the classroom.

Required First-Year Experience Program Policy

The First-Year Experience program is designed to introduce new students to the academic, social, and cultural community at Clayton State University. In an effort to help students adjust to college life and ensure success, all first-time traditional students are required to participate in a first-year learning community and complete this program during the first semester at Clayton State. Students will select from a variety of thematic learning communities consisting of three or four core curriculum courses. Each community also includes *CSU 1022 – University Foundations,* a college success course taught by the leader of the learning community. University Foundations refines academic goals, encourages a greater sense of personal responsibility, creates intentional learners, and provides the information and support that students need to earn a college degree. This discussion-based seminar helps students to learn how to improve their basic skills in areas such as written communication, oral communication and critical thinking. Students must earn a grade of a D or better in the University Foundations course.

First-year students who decide to enroll in less than twelve semester hours can meet this requirement by enrolling in an individual section of CSU 1022-University Foundations during their first semester.

Notebook Computers at Clayton State

In 1998, through the Information Technology Project (ITP), Clayton State University became one of the first public universities in the nation to require *all* of its students to have and use notebook computers. This innovative and exciting

approach to learning has been dubbed “ubiquitous mobile computing.” Electronic communication between faculty and students and among students has become the normal way of doing business at Clayton State. Over the past eight years, Information Technology Project has developed into an unqualified success in its most important measure–the improvement of the teaching and learning process.

In short, it is the policy of Clayton State that every student own or have ready, on demand access to a notebook computer to use for academic assignments and communications. This will often require taking the computer to class.

Notebook Computer Policy

For hardware and software specifications and additional details, go to the University's ITP-Choice website (www.clayton.edu and click ITP-Choice).

1. **Computer Access.** Each Clayton State student is required to have ready access throughout the semester to a notebook computer that meets faculty-approved hardware and software requirements for the student's academic program. Students will sign a statement attesting to such access.
   - A student has a variety of options for “access.” Student ownership of an appropriate computer will be the most common approach, but a student may also lease, rent, or share a not ebook computer that meets minimum requirements as long as the student has regular, unrestricted access to the machine.
   - For students who choose ownership, a list of vendors of notebook computers is provided to all students on the University's Information Technology Project Choice website. Note the "Preferred" vendor status next to some of the vendors' names. Vendors are given preferred status only after training and authorizing the Clayton State help desk (the HUB) to perform in-warranty repairs on notebook computers purchased by Clayton State students. Use of a Clayton State preferred vendor is not required.
2. **Standard Software.** The notebook computer that the student has ready access to must include the Clayton State standard software load plus additional software needed for the student’s major program.
   - Clayton State will make the standard software load available to currently enrolled students as part of the $50.00 technology fee. It will be the student’s responsibility to bring the notebook computer to the help desk (the HUB) to obtain the software.
   - Additional software necessary for specific courses and/or programs will be available for purchase from the Clayton State Campus Store and/or other vendors.
3. **Internet Access.** Each Clayton State student is required to have ready access to the Internet (World Wide Web) and to use a Clayton State e-mail address.
   - Each student will be responsible for making his or her own arrangement with an Internet Service Provider (ISP). No specific ISP is considered preferred by Clayton State although the University recommends high speed broadband access via DSL or cable modem. Check with your local providers for availability, speeds and pr icing. Students are cautioned to pay careful attention to the ISP’s reputation for reliability and customer service.
   - Clayton State will provide each student with an e-mail address through the Clayton State electronic post office. The student will be responsible for monitoring this address on a regular basis for assignments and official communications from Clayton State faculty and administrators.

4. **Computer Skills.** Students will be responsible for having or obtaining basic computer skills including e-mail, Web surfing, and word processing. Higher level skills will be expected for many courses.
   - Clayton State will make training opportunities in basic computer skills available to students for no additional cost.
   - Through a variety of means including free workshops, fee-based workshops, for-credit computer courses, and modules in courses, Clayton State will make training opportunities available in the computer skills necessary for the student's chosen program.
   - Clayton State will provide a computer help desk (the HUB). The HUB will assist students with software problems. The HUB will assist with hardware problems only if the machines are under warranty and the HUB is certified by the vendor to service those machines.

Choosing a Degree Program and Major (Program of Study)

Clayton State offers several types of degree programs and certificates. Each of these degree programs encompasses a variety of majors, or programs of study. Majors leading to a particular degrees are listed below.

Degree Programs Available at Clayton State

Clayton State offers the following types of degree programs and certificates:

1. **Master degrees:** The School of Graduate Studies offers eight programs of study: The Master of Archival Study (MAS); The Master of Arts in Liberal Studies (MALS) with concentrations in English, Criminal Justice, History, Political Science, and Liberal Arts; The Master of Business Administration (MBA) with concentrations in Supply Chain Management, International Business, and Accounting; The Master of Health Administration (MHA); The Master of Science in Nursing (MSN) with concentrations in Leadership and Education; The Master of Arts in Teaching English (MAT); The Master of Arts in Teaching Mathematics (MAT); and The Master of Science in Psychology (MSP) with concentrations in Applied Developmental and Clinical Psychology.
2. **Baccalaureate degrees:** Depending on the major of the graduate, the baccalaureate degree will be a Bachelor of Arts (B.A.), Bachelor of Science (B.S.), Bachelor of Business Administration (BBA), Bachelor of Science in Nursing (B.S.N.), Bachelor of Science in Dental Hygiene (B.S.D.H.), Bachelor of Music (B.M.), Bachelor of Information Technology (B.I.T.), Bachelor of Science in Information Technology (B.S.I.T.), or a Bachelor of Applied Science (B.A.S.). Baccalaureates take four years of full-time study or longer for part-time enrollment.
3. **Associate degrees:** An Associate of Arts (A.A.) degree in Integrative Studies and three Associate of Science (A.S.) degrees in Integrative Studies, Pre-Engineering, and Pre-Pharmacy are offered. The A.S. in Pre-Engineering is designed for transfer to the Georgia Institute of Technology or other university engineering degree program. The A.S. in Pre-Pharmacy is designed to allow transfer to the University of Georgia's College of Pharmacy or other schools of pharmacy.

4. **Applied Associate degrees:** The Associate of Applied Science (A.A.S.) is a career-focused degree designed to prepare students with the technical and professional skills necessary to immediately enter the world of work in a chosen field. Career associate degrees contain a significant component of general education, but most of the course work is in the occupational field. Clayton State University offers career associate degrees in numerous fields. Career associate degrees usually require two years of full-time attendance. In addition to being prepared for skilled employment positions, graduates with A.A.S. degrees are eligible to pursue the Bachelor of Applied Science (B.A.S.) degree. The A.A.S. in Information Technology (A.A.S.I.T.) is designed to lead directly to the B.I.T.

Master Degree Programs at Clayton State

Master Degree Program	
Archival Studies (MAS)	Information and Mathematical Sciences
Business Administration (MBA)	Business
English (MAT)	Arts and Sciences
Healthcare Administration (MHA)	Business
Liberal Studies (MALS)	Arts and Sciences
Mathematics (MAT)	Information and Mathematical Sciences
Nursing (MSN)	Nursing
Psychology	Arts and Sciences

Baccalaureate Degree Majors at Clayton State

Students who wish to complete a baccalaureate degree at Clayton State must choose a major or program of study from the following list. Detailed requirements of these major programs are listed under the appropriate catalog listing for the "Advising School/College."

Baccalaureate Degree Program	Advising School/College
Accounting (BBA)	Business
Administrative Management (B.A.S.)	Arts and Sciences
Biology (B.S.)	Arts and Sciences
Business - General (BBA)	Business
Chemistry (B.S.)	Arts and Sciences
Communication and Media Studies (B.A.)	Arts and Sciences
Computer Science (B.S.)	Info/Math Sciences
Criminal Justice (B.S.)	Arts and Sciences
Dental Hygiene (B.S.)	Nursing
Dental Hygiene (B.S.D.H.)	Nursing
English (B.A.)	Arts and Sciences
Health Care Management (B.S.)	Business
Health and Fitness Management (B.S.)	Arts and Sciences
History (B.A.)	Arts and Sciences
History (B.A.) with secondary education	Arts and Sciences
Information Technology (B.I.T. and B.S.I.T.)	Info/Math Sciences
Integrative Studies (B.S.)	Arts and Sciences
Legal Studies (B.S.)	Arts and Sciences
Liberal Studies (B.A.)	Arts and Sciences
Management (BBA)	Business

Marketing (BBA)	Business
Mathematics (B.S.)	Info/Math Sciences
Mathematics (B.S.) with secondary education	Info/Math Sciences
Middle Level Education (B.A.)	Arts and Sciences
Music (B.A.)	Arts and Sciences
Music (B.M.)	Arts and Sciences
Nursing - Basic Licensure (B.S.N.)	Nursing
Nursing - For Existing R.N.'s (B.S.N.)	Nursing
Philosophy	Arts and Sciences
Political Science (B.S.)	Arts and Sciences
Psychology and Human Services (B.S.)	Arts and Sciences
Sociology (B.S.)	Arts and Sciences
Technology Management (B.A.S)	Arts and Sciences
Theatre (B.A.)	Arts and Sciences

Associate Degrees

Associate Degree Program	**Advising School**
A.A. Core Curriculum (Integrative Studies)	Arts and Sciences
A.S. Core Curriculum (Integrative Studies)	Arts and Sciences
A.S. Core Curriculum (Integrative Studies - Pre-Engineering)	Arts and Sciences
A.S. Core Curriculum (Integrative Studies – Pre-Pharmacy)	Arts and Sciences

Applied Associate Degrees and Certificates

Career Program	**Advising School**
Computer Networking (A.A.S.)	Info/Math Sciences
Information Technology (A.A.S.I.T.)	Info/Math Sciences
Paralegal Studies (A.A.S.)	Arts and Sciences
Paralegal Certificate	Arts and Sciences

Pre-Professional Programs

Clayton State offers a variety of pre-professional programs for students who anticipate transferring to other institutions to complete degree requirements. Advisors are available within the College of Arts and Sciences assists students in selecting courses appropriate for pre-Dentistry, pre-Engineering, pre-Law, pre-Medicine, pre-Pharmacy, and pr e-Physical Therapy. S tudents interested in these programs must be sure to declare a major in an appropriate field while enrolled at Clayton State.

Pre-Dentistry: Students wishing to prepare to enter a pr ofessional school of dentistry should select the Biomedical Applications track of the Biology (B.S.) major and consult a Biology advisor in the Department of Natural Sciences.

Pre-Engineering: This program of study is designed for students who intend to transfer to Georgia Tech or another university engineering program; students should check with an Engineering advisor in the Department of Natural Sciences about the latest information on transfer programs.

Pre-Law: Law schools do not require a particular major, but institutions accredited by the American Bar Association require that entering students hold a bachelor's degree. Students wishing to prepare for law school should consult a pre-law advisor to determine the best program of study to suit their needs. Pre-law students are encouraged to consider Clayton State's bachelor's program in Government, Legal Studies, Integrative Studies or History and the minor program in Philosophy.

Pre-Medicine: Students wishing to prepare for medical school at the Medical College of Georgia or other institutions typically select the Biology (B.S.) or Chemistry (B.S.) major and should consult an advisor in the Department of Natural Sciences.

Pre-Pharmacy: This program of study is designed for students who intend to transfer to another university pharmacy program; students should check with a Pre-Pharmacy advisor in the Department of Natural Sciences about the latest information on transfer programs.

Pre-Physical Therapy or Pre-Physicians Assistant: Students wishing to prepare to enter a professional school of physical therapy or a physicians assistant program should select the Physical Therapy and Physicians Assistant Program Preparation track of the Biology (B.S.) major and consult a Biology advisor in the Department of Natural Sciences.

Pre-Veterinary Medicine: Students wishing to enter a professional school of veterinary medicine should select the Pre-Veterinary Medicine track of the Biology (B.S.) major and consult a Biology advisor in the Department of Natural Sciences.

Declaring and Changing Majors (Programs of Study)

Students must declare their major programs of study upon matriculation at Clayton State University. Major declarations must be filed with the Registrar by paper form or by online process.

A student must submit a Change of Major form online using the DUCK as soon as possible after deciding to make a change. Making the change quickly will help the student to be advised properly and will also prevent delays in the registration process.

Academic Minor Programs

Clayton State offers a variety of minor programs for students to enrich the overall educational experiences of students. Minors are not required for graduation, and certain minors are available only to students in specific majors.

In order to graduate with a formal minor that will be noted on the student's permanent record, the student must complete the requirements for the specific minor as stipulated in the online CSU catalog. The major advisor is responsible for reviewing a student's progress in the minor. Students must submit to the Office of the Registrar a minor application along with the degree graduation application by the published graduation application deadline. Minors may only be awarded in conjunction with a baccalaureate degree. Minors will not be

awarded after the baccalaureate degree has been posted to the academic transcript.

Minor Program	Advising School
African American Studies	Arts and Sciences
Art	Arts and Sciences
Aviation Administration	Arts and Sciences
Chemistry	Arts and Sciences
Communication and Media Studies	Arts and Sciences
Computer Science	Info/Math Sciences
Corporate Communication	Arts and Sciences
Criminal Justice	Arts and Sciences
Education	Arts and Sciences
English	Arts and Sciences
Film	Arts and Sciences
Finance	Business
French	Arts and Sciences
Business Administration for Non-Business Majors	Business
Health & Fitness Management	Arts and Sciences
History	Arts and Sciences
Homeland Security/Emergency Management	Arts and Sciences
Information Technology	Info/Math Sciences
Legal Studies	Arts and Sciences
Marketing	Business
Mathematics	Info/Math Sciences
Music	Arts and Sciences
Philosophy	Arts and Sciences
Political Science	Arts and Sciences
Psychology	Arts and Sciences
Sociology	Arts and Sciences
Spanish	Arts and Sciences
Supply Chain Management	Business
Theatre	Arts and Sciences
Women's Studies	Arts and Sciences

Registering for Courses

Schedule of Classes

A Schedule of Classes on the University's website each semester (http://apps.clayton.edu/courses/schedule). Registration is accomplished online using the Clayton State system known as the DUCK (Digital University Campus Kiosk).

Classes are scheduled at a wide variety of times during the day, evening, and, to a lesser extent, on weekends. The University endeavors to schedule classes at convenient times, but due to resource constraints the times that individual courses are scheduled are necessarily limited. Students may have to adjust their personal situations to take classes when they are offered.

Various departments of the University publish tentative advance schedules to assist students in their planning for future terms. Every effort is made to implement the current and future schedules as published, but circumstances such as staffing, funding, enrollment, and program changes may result in some changes.

University Attendance Policy

Students are expected to attend and participate in every class meeting. Instructors establish specific policies relating to absences in their courses and communicate these policies to the students through the course syllabi. Individual instructors, based upon the nature of the course, determine what effect excused and unexcused absences have in determining grades and upon students' ability to remain enrolled in their courses. The university reserves the right to determine that excessive absences, whether justified or not, are sufficient cause for institutional withdrawals or failing grades.

No Show Policy

It is imperative that students have a successful start of each semester by attending class during the first week and no later than the second week of the semester. A registered student who does not attend at least one class session (in person or by electronic equivalent) by the posted deadline on the academic calendar is a "no show." For students enrolled in an online course, the instructor will provide details on how online attendance will be verified.

Registration will be cancelled for any student who is submitted to the Registrar's Office as a "no show". The "no show" student will not be charged tuition for the cancelled course. However, there may be serious financial aid consequences for students who are receiving financial aid, since this will reduce the number of enrolled credit hours.

If students believe their instructor reported them as a "no show" in error, they must contact the instructor immediately to resolve the issue.

Although a student will have the right to appeal the course cancellation, consideration will only be given if the student meets all of the following criteria.

- A minimum Clayton State GPA of 3.0 (if previously enrolled)
- No more than two prior "no show" instances at Clayton State
- Recommendation of the instructor for reinstatement into the course

Students are eligible to attend class until the appeal outcome is determined. Appeals must be submitted by email to the dean or designee of the college/school no later than the last day of the third week of classes. The email must include reason for not attending during the first two weeks of class, recommendation from the instructor, and Laker ID. The Associate Vice President for Enrollment Management and Academic Success has final authority for all appeal decisions.

Prerequisites and Corequisites

Many courses are listed as having prerequisites, corequisites, or absolute corequisites. Faculty members are not permitted to waive prerequisites or corequisites on their own.

In most cases, the University's computer system (the DUCK) is programmed to block a student's registration for a course if he or she has not satisfied the prerequisite or corequisite requirements. However, this computer blocking is not perfect, and students are personally responsible for complying with the prerequisites or corequisites for a course even if they are not electronically blocked from registration. Students who register for courses for which they do not qualify are subject to removal from the course and are responsible for any problems that may result, including the loss of course credit and fees.

Late Registration and Changing Schedules

Each semester the Academic Calendar specifies a date as the last day to register for classes or to change schedules through the late registration process.

After this date, the student's class schedule becomes official and can be changed only by official withdrawal (see below). Students are obligated to pay tuition and fees for all courses registered for as of the end of Late Registration.

Course Overload

Students may schedule up to 18 hours per semester (15 in the Summer) without special permission. A student who wishes to accelerate his or her study by taking more than 18 hours in a semester (or 15 in the Summer) must have a written overload request approved by the dean of the school of the major. In general, a student must have been at Clayton State University for at least two semesters and have achieved an overall *B* average before an overload will be approved, although the dean may make exceptions in special circumstances.

Cross-Registration in the Atlanta Regional Council for Higher Education (ARCHE)

The Atlanta Regional Council for Higher Education (ARCHE) is a group of colleges and universities in metropolitan Atlanta. Clayton State students may take courses from member institutions on a cross-registration basis. Cross-registration courses are considered transfer credit. It is usually more advantageous to the student to take a course by cross-registration than by transient status because cross-registration fees are paid to Clayton State rather than to the institution offering the course. For more information and regulations about how to cross–register, contact the Registrar's Office in 239 Student Center Building, (678) 466-4145.

Auditing Courses

Students may choose to take courses on an audit basis. Courses that are audited are assigned a grade symbol of *V*, and no credit toward graduation is awarded. To audit courses, students indicate their intention at the time of registration. Requests to change to audit status will not be accepted after the late registration period. All regular fees apply to audited courses. Courses taken on an audit basis will not be used for certification for financial aid, Social Security, or Veterans' Administration benefits. Students may not receive credit for courses in which they were registered as auditors unless they repeat the course for credit.

Online Instruction

Many courses at Clayton State University are offered online as well as on campus. In online courses the majority of the instruction is delivered by online computer connection via the Internet. The Internet may be supplemented by television, video conferencing, or other distance learning methods. Use of this technology allows the University to offer learning experiences that are more convenient for many students.

Courses offered via online instruction are identified in the Schedule of Classes each semester. Additional fees will accompany online courses with video components.

Nature of Online Courses

Online courses are often attractive for students who cannot conveniently attend on-campus courses. Students can take all of their courses online for a given semester, or they can mix online and on-campus sections. It is important to keep in mind, however, that even though online courses offer schedule flexibility, the total time commitment and academic expectation for an online course is the

same as it is for a traditional on-campus class. Some courses are offered as "partial online," "web enhanced" or "hybrid" meeting that they mix online and on-campus components.

Although routine classroom attendance is not required for online courses, some physical presence is required on campus for orientation, testing, and, in some cases, "hands-on" experiences (labs, clinicals, observations, etc.). In addition, some online courses may have additional, optional, or required, on-campus sessions for discussion and/or review. For details, please consult the official Schedule of Classes each semester and the online syllabus for each course.

Registration for Online Courses

To take an online course, students must be admitted to the University by the normal process and be eligible to register for credit courses, including having met all prerequisites and/or corequisites.

Students should not register for online courses unless they are already thoroughly competent at sending and receiving e-mail, navigating the Internet, and using Windows-based programs. No class time will be spent on basic computer instruction. Also, students should be aware that taking online classes requires excellent time management skills and good self-discipline.

Course Materials

Printed texts, special software, or other supporting material needed for online courses can be obtained in person from The Loch Shop. Many research resources are available online through GALILEO, but some projects may require on-site library work at Clayton State or elsewhere.

Online Courses with Video Components

Some online courses include some instruction provided via television or video tapes and are called "online courses with video components." Some of the content for these courses is broadcast over satellite in cooperation with GPTV. If students do not have access, they can still take these courses by obtaining the videotapes from the Clayton State library circulation desk and playing them at their convenience. *There is an additional course fee for online telecourses to cover Clayton State's costs for broadcast and distribution rights.*

Getting Started in an Online Course

When students register for an online course, they must attend orientation or submit an assignment as required by the course instructor by the semester payment deadline.

If a student does not attend the Orientation or submit an assignment, the student will be considered a "No Show" and will encounter the consequences explained in the semester Schedule of Classes. Emailing the instructor will not suffice for attendance and the student will be counted as a no-show.

The instructor's e-mail address and information about orientation sessions are usually included with the appropriate course listing in the Clayton State Schedule of Classes or on the Online Instruction Website. If students have difficulty contacting their instructor by e-mail, they should call the school that offers the course (Arts & Sciences, (678) 466-4700; Business, (678) 466-4500; Health, (678) 466-4900; Information & Mathematical Sciences, (678) 466-4420.

Withdrawal From Courses

All registrations are final and students are obligated to pay tuition and fees as of the end of the late registration period. A grade symbol will be placed on the transcript for all courses in which the student is registered as of the end of the late registration period.

Students who wish to receive a grade of W (withdrawal) or, in certain circumstances, WF (withdrew failing) must act in accordance with the policies and procedures explained here and in the semester Schedule of Classes.

Official Withdrawal Form Required

A student desiring to withdraw from a specific class, multiple classes, or all classes must submit an official withdrawal form to the Office of the Registrar. Student may withdraw online via the DUCK or in person in the Registrar's Office.

A withdrawal is not official and will not appear on the transcript unless the official form is properly submitted. Although it is good practice to discuss withdrawal intentions with instructors and other University Officials, the student must be aware that such discussion (whether oral or written) does not constitute official withdrawal. If a student attends class and then quits coming but does not submit an official withdrawal form, the student will be assigned a grade of F.

Withdrawal before Midterm

A student who completes the official withdrawal process prior to the published midterm date for the term of enrollment will be assigned a grade of *W* (withdrew) regardless of the reason for withdrawal or how the student is performing in the class. A grade of *W* is not included in the calculation of the Grade Point Average (GPA), but it may have implications for continued financial aid eligibility. (Consult the Financial Aid Office.)

Withdrawal after Midterm

As noted above, prior to midterm a student may withdraw for any reason whatsoever and receive a grade of *W*. However, withdrawal after midterm is subject to academic penalty (accountability) as follows: A student who completes the withdrawal process after the published midterm date for the term of enrollment will be automatically assigned a grade of *WF* (withdrew failing) unless a hardship exception is granted. A *WF* counts in GPA just like a grade of *F*.

Hardship Withdrawal Policies

A student desiring to be considered for a hardship withdrawal must complete the official withdrawal process and submit a Hardship Withdrawal Request Form to the dean of the school of the student's major. The Hardship Request form may be obtained from the Registrar online (www.clayton.edu) or in person (STC-239). Call (678) 466-4169 to obtain a form if in person or online is not feasible.

To be eligible for hardship withdrawal, a student must have met ALL of the following conditions:

1. experienced an emergency or other unanticipated hardship that makes continuation in the course or courses ill-advised,
2. been passing the course at the time that the emergency or other hardship arose,
3. acted responsibly by notifying his or her instructors or other University officials about the hardship situation as soon as possible after it arose, and
4. filed the hardship request with the appropriate dean as soon as it is feasible to do so. Hardship requests that are not filed in a timely manner are subject to denial even if the student was passing and the hardship was legitimate.

5. withdraw from all courses.

Hardship withdrawal does not involve special consideration for refunds. Any refund due will be granted in accordance with the refund regulations and schedule printed in the semester Schedule of Classes booklet.

For purposes of this policy, "passing" is defined to include not only recorded grades but also satisfactory progress toward course assignments (papers, reports, projects, etc.) that have not yet actually been graded at the time the hardship arises. The dean's office will contact the appropriate faculty member(s) to determine the student's status.

"Hardship" refers to an unexpected event or circumstance beyond the student's control that directly interferes with the student's ability to continue to make satisfactory progress in class(es). This generally includes, but is not necessarily limited to, serious illness or accident of the student or a close relative that requires the student's extended attention, unavoidable and unexpected job change or change of job assignment that conflicts with class, or significant disruption of family life that prevents regular class progress. The following sorts of cases do not constitute "hardship": getting behind in class due to taking on more than one can handle; doing poorly in class due to inadequate background, difficult material, or poor time management; taking extensive time away from class for a personal situation that could have been expeditiously handled with a minimum of class interference. The dean may request documentation of the hardship.

Withdrawal From Learning Support Courses

All of the regulations listed above for withdrawing from any course also apply to Learning Support courses. In addition, regulations provide that a student *required* to take Learning Support courses may not withdraw from a Learning Support course and remain in any course numbered 1000 or higher.

Returning University-Owned Equipment

A student who withdraws from all classes for a term is no longer considered an enrolled student. The individual must immediately return any University-owned equipment that may have been issued to the student. The withdrawal process is not complete until all equipment has been properly returned.

Credit Hours

Credit for study at Clayton State University and at all institutions in the University System of Georgia is measured quantitatively in semester hours. One semester credit hour presumes one hour (actually 50 minutes) in class per week plus about two hours (100 minutes) outside of class in study, review, project preparation, and related activities. Most courses are three credit hours, meaning that the class will normally meet 150 minutes per week and that the student should normally plan to spend an additional 300 minutes studying, reviewing, and preparing. A laboratory or activity period of two or three clock hours is normally considered the equivalent of one class hour, since less extensive out-of-class preparation is required.

This rule of thumb for time management will, of course, vary from student to student and course to course depending on student background and course content. Although many studies have shown that the amount of time that a student spends on task is a critical factor in determining the likelihood of success,

students should remember that success in a course is ultimately measured by the degree of mastery of educational objectives, not just by the time invested.

Online courses and web courses are also measured by semester hours. Although the delivery method is non-traditional, the general calculation of spending about 150 minutes per week on task per semester credit hour is still a useful rule of thumb. There are also additional circumstances in which the "standard" number of instructional minutes per week is not consistent with the out of class minutes per week due to the nature of the course and material.

Advanced Placement Program of the College Board (AP): In some basic courses, Clayton State accepts an AP grade of 3 for credit. Grades of 4 or 5 are required for some other courses. The current required scores are shown in the table below. Students seeking credit must have their official scores sent directly from AP to the Office of the Registrar. (The University does not accept scores forwarded by high schools.)

Advanced Placement Scores
Accepted by Clayton State University

AP Exam	Score	CSU Course Credit Awarded	CSU Credit Hours Awarded
Art History	3, 4, or 5	ART 2301 or 2302	3
Biology	3, 4, or 5	BIOL 1111/111L and BIOL 1112	7
Biology	4	BIOL 1107/1107L	4
Biology	5	BIOL 1107/1107L And BIOL 1108/1108L	8
Chemistry	3	CHEM 1151/1151L	4
Chemistry	4	CHEM 1211/1211L	4
Chemistry	5	CHEM 1211/1211L and CHEM 1212/121L	8
Physics B	3, 4, or 5	PHYS 1111/1111L and PHYS 1112/1112L	8
Physics C Mechanics	4 or 5	PHYS 2211/2211L	4
Physics C E&M	4 or 5	PHYS 2212/2212L	4
Environmental Science	3, 4, or 5	SCI 1901E	3
English Language & Composition	3, 4, or 5	ENGL 1101	3
English Literature & Composition	3, 4, or 5	ENGL 1101	3
US Government and Politics	3, 4, or 5	POLS 1101	3
US History	3 or 4	HIST 2112	3

US History	5	HIST 2111 and HIST 2112	6
European History	3, 4, or 5	HIST 1111 or HIST 1112	3
World History	3, 4, or 5	HIST 1111 or HIST 1112	3
Macroeconomics	3, 4, or 5	ECON 2105	3
Microeconomics	3, 4, or 5	ECON 2106	3
Calculus AB	3	MATH 1113	3
Calculus AB	4 or 5	MATH 1501	4
Calculus BC	3	MATH 1501	4
Calculus BC	4 or 5	MATH 1501, 2502	8
Statistics	3, 4, or 5	MATH 1231	3
Computer Science AB	3, 4, or 5	CSCI 1301	3
French Language	3	FREN 1001 & FREN 1002	6
French Language	4	FREN 1001, FREN 1002, & FREN 2001	9
French Language	5	FREN 1001, FREN 1002, FREN 2001, & FREN 2002	12
Spanish Language	3	SPAN 1001 & SPAN 1002	6
Spanish Language	4	SPAN 1001, SPAN 1002, & SPAN 2001	9
Spanish Language	5	SPAN 1001, SPAN 1002, SPAN 2001, & SPAN 2002	12
Psychology	3, 4, or 5	PSYC 1101	3

Credit by Examination or Experience: Clayton State University recognizes that learning can take place in a variety of settings other than the traditional classroom. Within guidelines established by the University, credit may be earned for some classes by examination or experience. These non-traditional sources of credit include nationally recognized standardized tests, certain military training, selected professional certifications, and in some cases, special examinations or portfolio options developed at the University. Information about possible credit by examination or experience is available in the appropriate academic school.

College Level Examination Program (CLEP)

Clayton State University awards credit for several CLEP subject examinations. Some programs may limit CLEP credit. (The University does not accept the CLEP general examination.) CLEP examinations are administered by

the Testing Center approximately twice per month. Scheduled times and other information are available in the Center (LIB-128N).

Credit by examination or experience may be available for a number of other programs, including the following:

- As a Servicemembers Opportunity College (SOC) institution, Clayton State accepts Armed Forces training (including DANTES and USAFI). The University consults the American Council on Education (ACE) *Guide* and considers its credit recommendations. Clayton State University, however, reserves the right to determine the appropriateness of military training for credit at the University. Students seeking credit for Armed Forces experience and training must supply documentation (including but not necessarily limited to the DD-214) to the Office of the Registrar for evaluation.
- In certain instances, credit by examination is available through validation of previous registered nursing experience and nursing specialty certification. Additional information can be obtained through the School of Nursing).
- Clayton State University accepts the Foreign Language achievement Testing Services (FLATS) credit from Brigham Young University for 54 other languages not covered by CLEP. See the Testing Center for details.
- Other Clayton State programs may develop validation examinations and procedures in order to grant credit for competencies learned in non-academic courses.

The following regulations apply to credit by examination or experience:

1. Credit by examination or experience may be awarded only in areas that fall within the regular curricular offerings of the University, and any credit awarded must be appropriately related to the student's current educational goals.
2. A student must meet all prerequisites for a course before credit by examination or experience can be awarded for that course.
3. Credit by examination or experience is not awarded for any course for which the student has previously earned credit or for which the student has already completed a higher course in sequence. (For example, a student with credit for MATH 1113 could not earn credit by examination for MATH 1101. The *only* routine exception to the sequence rule is for required courses in which a *C* or *K* or better is required for graduation. In such cases, a student may use credit by examination to override a *D* in the first course of a sequence.) All other exceptions must be approved by the academic department for which credit will be awarded.
4. Although appropriate credit earned by examination or experience may be applied to meet graduation requirements, such credit may *not* be used to meet the minimum number of hours required "in residence" at Clayton State University. This regulation applies even if the credit by examination or experience is earned at the same time that the student is in residence for other courses.
5. Credit by experience must have occurred in a formalized setting that maintains verifiable records. In addition, the experience must be validated as equivalent to college credit by a recognized outside entity or by an institution-required validation examination. Clayton State University does not award credit based on generalized life experience.
6. Credit by examination or experience is recorded on transcripts at Clayton State University by the symbol *K*. Grades of *K* do not alter the

student's semester, Regents', or Institutional Grade Point Average (GPA).

Correspondence Credit

Credit obtained through traditional correspondence courses taught through other regionally accredited colleges or universities may be counted toward graduation. Correspondence credit is considered transfer credit, and normally a maximum of 12 semester hours of correspondence credit will be accepted in a program of study. Currently enrolled students seeking permission to take courses through correspondence must complete a Transient Authorization Form and obtain approval from the appropriate dean and the Registrar *prior* to registering for correspondence work.

Transient Credit for Clayton State Students

Currently enrolled Clayton State University students in good standing who wish to attend another institution on a temporary basis to take courses that will count toward their degree at Clayton State may request to do so as transient students with the advance approval of Clayton State and the other institution. Students wishing to take courses on a transient basis must apply to and be accepted by the other institution as a transient student. Prior to enrolling at the other institution, the Clayton State student must complete a Transient Request Form (available from the Office of the Registrar) and obtain approval. The transient request must be approved by the dean of the school offering the major and by the Office of the Registrar. Approval or disapproval is based on the administrator's judgment of the appropriateness to the student's academic program. Ordinarily, transient status is granted for only one semester although exceptions may be approved in special circumstances. Normally, transient status is not granted for *one* part of a science or foreign language course sequence.

Students who are required to participate in the Learning Support Program are not eligible for transient status until all program requirements have been completed. Students on F-I visas are not eligible for transient status.

Credit for Career Courses

Typically, career associate degrees include approximately 35-45 semester credit hours (or equivalent) of career-related courses in addition to general education (Areas A-E). Clayton State will award up to 38 hours of transfer credit for the career courses taken subject to the following considerations:

1. Students whose career associate degrees include *fewer* than 38 hours of program-specific courses will need to make up the difference with additional program-related lower division courses at Clayton State. (A maximum of 38 hours of career courses will be applied to the B.A.S. degree regardless of the number of hours actually taken.)
2. English courses lower than Business English and mathematics courses lower than Applied Technical Math (or equivalent) will *not* count in the 38-hour career core.
3. Sometimes career courses can also count in Areas A-E. Students should be aware that such courses cannot be counted in two places, so if a career course is applied to Areas A-E, then the student may be required to take additional career work to equal 38 semester credit hours. (See item c. In Notes on Areas A-E.)
4. For transfer students, career courses may be entered on the transcripts with a technology course prefix (TECH).

5. Transfer students may be required to provide official course descriptions or other documentation of course content to facilitate determination of equivalency.

Classification of Students

Class standing will be determined at the end of each academic semester on the basis of course credits completed. Courses numbered 0099 or less are not included in the count of credits that determine a student's classification. The classification scale is:

Freshman.....0-29 semester credit hours earned
Sophomore .....30-59 semester credit hours earned
Junior.....60-89 semester credit hours earned
Senior ..... 90 or more semester credit hours earned

Senior classification is based on hours only and it is not necessarily a reflection on how close the student is to completing his/her current major.

Grading System

Every course listed on a student's official semester schedule as of the end of the schedule change period will be listed on the student's permanent record with some grade designation or symbol, even though the student may not complete the semester's work.

The following grades are assigned and are calculated into grade point average (GPA):

Grade Symbol		Numerical Equivalent
A	excellent	4.00
B	good	3.00
C	satisfactory	2.00
D	minimum passing	1.00
F	failure	0.00
U	unsatisfactory	0.00
WF	withdrew, failing	0.00

The following grade symbols show on the transcript but are not included in the GPA:

S — **Satisfactory**. Indicates satisfactory completion of a course graded on a "satisfactory/unsatisfactory" basis. Use of *S/U* grading is limited to certain laboratory, clinical, activity, and field-based courses. Hours earned with a grade of *S* may count toward graduation, but they do not affect grade point average.

I — **Incomplete**. Indicates that a student was doing satisfactory work, but due to non-academic reasons beyond the student's control, the student was unable to meet the full requirements of the course. The *I* is appropriate only when the unfinished requirements can be clearly delineated and constitute a relatively small part of the course; otherwise withdrawal is appropriate. It is the responsibility of the student to initiate the request for an *I* by contacting the relevant instructor, department

head, associate dean, or dean in a timely manner before the end of the term or session. The assignment of an *I requires* the written approval of the dean or associate dean of the school. To remove an *I* and convert it to a grade, the student must contact the instructor (or department head or associate dean or dean if the instructor is unavailable) in a timely manner and arrange to complete the course requirements. (An individual who has an *I* pending but is not otherwise enrolled may not retain possession of University-owned equipment, and the individual has access to campus facilities and services only to the extent necessary to complete course requirements.) *A grade of I that is not converted to another grade during the next semester of attendance or within one calendar year (whichever comes first) will automatically be changed to the grade F.*

W — **Withdrew**. Indicates that a student withdrew before midterm or withdrew after midterm but with hardship approval. (See the heading above for details on withdrawal policy.)

V — **Audit**. Indicates that a student audited a course. Students may not change from audit to credit status or vice versa.

K — **Credit by Examination/Experience**. Indicates that the student was given credit for the course via a credit by examination or experience program (CLEP, AP, or other proficiency exam).

IP— **In Progress**. This applies only to Learning Support courses. The student is required to repeat the course. A grade of *IP* counts as an attempt for purposes of Learning Support suspension.

NR— **Not Reported**. This symbol indicates a grade was not reported to the Office of the Registrar. It is a temporary grade and will be changed by the Registrar upon certification of actual grade by the appropriate dean or associate dean.

Grade Point Average (GPA)

The scholastic standing of a student is expressed in terms of GPA, which is calculated by dividing the total number of quality points earned by the total number of semester credit hours attempted in courses numbered 1000 or higher at Clayton State University. Following is an example:

Course	Semester Credit Hours		Grade (numerical equivalent)	Quality Points
ENGL 1102	3	B	(3)	09
MATH 1231	3	C	(2)	06
PSYC 1101	3	A	(4)	12
BIOL 1111/L	4	C	(2)	08
HIST 2111	3	D	(1)	03
	16			38

38 ÷ 16 = Grade Point Average of 2.37

Clayton State University normally calculates two types of overall grade point average: Regents' and Institutional Standing.

1. **Regents' Grade Point Average**
   The Regents' Grade Point Average (sometimes called cumulative GPA) is the average of the grades in all courses (numbered 1000 or higher

which have numerical equivalents) attempted at Clayton State University.

2. **Institutional Grade Point Average**
   The Institutional Grade Point Average is the average of the grades in the *most recent attempts* of all courses (numbered 1000 or higher which have numerical equivalents) attempted at Clayton State University. Institutional GPA is used to determine the following:
   a. academic standing (good standing, probation, suspension, and dismissal); and
   b. eligibility for graduation.

Course Repeat Policy

A student who has withdrawn (W or WF) or earned a less than satisfactory grade (D, F, or U) a total of three times in a course numbered 1000 or higher at Clayton State will not be allowed to take that course again. *Students must be fully aware that this rule may have the effect of preventing them from graduating in a given major if they exhaust their three tries in a required course.* A student can repeat a course and earn a satisfactory grade without limit. All course attempts are recorded on the transcript, but only the most recent attempt for credit will count toward graduation and be included in institutional GPA. This policy provides an opportunity for a student to raise his or her GPA by re-taking a course and earning a higher grade, but students must be aware that the most recent grade will count even if it is lower.

The "course repeat policy" applies to courses taken at previous institutions except that a student transferring in to Clayton State will be granted one additional try at Clayton State even if the student had exhausted his or her three tries at the previous institution. Students who have already had two or more tries in a course at Clayton State before this policy went into effect (Fall 2003) will be granted one more try. Transient Restriction – transient or cross-registration permission to attend another school will not be granted to a student if the student has already exhausted two of the three tries.

Grade and Academic Appeals

Students wishing to file an appeal of a grade or other academic action must first attempt to work out the matter informally with the appropriate instructor (if applicable). If that is not satisfactory or if the instructor cannot be contacted, the appealing student must contact the relevant department head or associate dean. The appeal must be initiated as soon as possible. The student must put his or her case in writing and supply documentation unless the matter is resolved informally before an official appeal is filed. Written appeals should be directed to the relevant department head or associate dean with a copy to the dean. The department head/associate dean in consultation with the dean will provide the appellant with a written answer. Students may appeal the school/department-level response by submitting a written statement to the Associate Provost.

Appeals initiated more than one semester following the time that the dispute arose will not be considered. Other details about the appeal process are contained in the *Student Handbook,* which can be obtained from the Office of the Vice President for Campus Life or via the University homepage.

Academic Standing

Good Standing

A minimum institutional GPA of 2.0 is necessary to be in good academic standing at Clayton State University. The academic standing of students who are required to take one or more learning support courses also depends on making adequate progress in those classes. Students should be aware that their financial aid status differs from their academic standing.

Academic Warning

Students whose institutional GPA falls below the minimum acceptable GPA of 2.0 are placed on academic warning. Clayton State University has several offices specifically designed to support students' academic success. Students on academic warning are encouraged to contact their academic advisors, the Center for Academic Success, and/or Counseling and Psychological Services to receive information and assistance. Students on academic warning are restricted to taking 13 credit hours or less.

Academic Probation

While on academic warning, students whose term GPA falls below the minimum acceptable GPA of 2.0 are placed on academic probation. Students on probation must contact their academic advisors, the Center for Academic Success, and/or Counseling and Psychological Services to receive additional information and assistance. Students on academic probation are restricted to taking 13 credit hours or less. In addition, students on probation, especially those on probation for the first time, may be required to attend workshops or meet with a special academic advisor.

Academic Suspension

Students are placed on academic suspension when, while on probation, they earn a term and institutional GPA that is less than 2.0. Academic suspension prevents students from enrolling for one semester. Students who are suspended should develop a concrete plan for academic success in consultation with their advisor. In order to resume taking classes, students must submit an application for readmission and a written appeal for reinstatement to the Readmission Appeals Committee through the Registrar's Office. Reinstatement is not automatic. For those readmitted, the committee may impose restrictions: students may be required to enroll in specific courses, limit the number of hours they take, and/or participate in structured academic support programs. Students who are reinstated will be on academic probation and must continue to maintain a minimum term GPA of 2.0 until they achieve good academic standing. Students who are reinstated following suspension may be required to meet with a special academic advisor.

Dismissal

Students are dismissed from the university when they have been suspended previously and in any subsequent term their term and institutional GPAs are both below a 2.0. Any student who is dismissed is prevented from enrollment at the university. However, after one full calendar year, a dismissed student may petition for readmission. A student seeking readmission following dismissal must complete a Clayton State University Application for Readmission and a Readmission Appeal form. The appropriate forms and all documentation must be submitted to the Registrar's Office by the published deadlines. It is expected that a student who is applying for readmission following dismissal will have resolved the problem(s) that led to the dismissal and be able to provide compelling evidence of the ability to earn a degree at Clayton State University. Such evidence should include college level coursework or degrees completed at other institutions. If readmission is granted, enrollment will be on a restricted basis.

Students readmitted following dismissal will be dismissed permanently if their term and Institutional GPA fall below a 2.00 again. Students who are reinstated following their first dismissal may be required to meet with a special academic advisor.

Learning Support Requirements

The Learning Support Program, coordinated by the Center for Academic Success, offers college preparatory instruction in basic skills areas of written communication, mathematics, and reading. Learning Support courses are *not* applicable to any degree programs offered by the University; however, they do constitute prerequisites that Learning Support students must satisfy before they are fully accepted into degree or certificate programs.

Students in the limited and nontraditional student admission categories must take the entry examination (COMPASS) to determine whether they will be admitted to Clayton State and required to take Learning Support courses in English, reading, and/or mathematics.

Students who score high enough on the placement examination will be exempt from some or all Learning Support courses; students whose scores indicate the need for pre-college coursework will be required to take the appropriate courses. Any combination of the following courses may be required ENGL 0099, READ 0099, MATH 0097, and MATH 0099. If students are required to enroll in Learning Support course(s) in one or two of the three subject areas (English, reading, and mathematics) they are eligible for admissions to Clayton State University, and the following regulations will apply. Students required to enroll in all three subject areas will not be admitted to the University.

Students required to enroll in MATH 0097 or MATH 0099 after taking the ACCUPLACER math placement test will not be classified as Learning Support students; therefore, will not be required to adhere to Learning Support regulations.

Learning Support Regulations

Students who are required to take Learning Support courses are subject to the following regulations:

1. During each semester of enrollment, students must first register for all required Learning Support courses before registering for other courses (if allowed). Students must earn satisfactory grades in the courses and meet the established standards as measured by the COMPASS test. This policy applies to both full- and part-time students.
2. Students who are required to take Learning Support courses are limited to enrolling in no more than 13 credit hours each semester until they successfully complete all required Learning Support courses.
3. Students are required to sign an Academic Success Contract and will be required to attend a specified number of workshops, advising sessions, and tutoring/studying hours in the Center for Academic Success.
4. Students required to enroll in Learning Support courses are advised by professional academic advisors in the Center for Academic Success.
5. Students who successfully complete (exit) all Learning Support courses can schedule graduation-applicable courses during the next semester of enrollment. Some students may be allowed to schedule some

graduation-applicable courses while also taking Learning Support courses.

6. Students who are required to take READ 0099 must exit the reading area before they enroll in any courses in the Core Curriculum (Areas A-F). Students who are required to take Learning Support math and/or English are restricted from many but not all Core Curriculum courses.
7. Students who are required to take Learning Support courses must complete all required Learning Support content areas (English, mathematics, reading) before they earn 30 semester hours of graduation-applicable credit. Students who have not done so by that point may only enroll in Learning Support courses until they exit Learning Support.
8. Students required to take Learning Support courses may not drop or withdraw from Learning Support courses while also remaining in any course numbered 1000 or higher.
9. After students have passed *all* other requirements for their required Learning Support courses, they must then pass the exit examinations (currently COMPASS) for the required content areas. In other words, a student is not allowed to take the exit examination unless he or she has satisfactorily completed all course work up to that point. *A student who does not pass an exit examination in a content area must repeat the course regardless of the grade earned in other course requirements.*

Learning Support Attempts

Students who are required to take Learning Support courses have a limited number of attempts to pass and complete Learning Support courses. An "attempt" in Learning Support courses is any course enrollment that results in a grade other than *W* or *V*. (For purposes of this policy, an *IP* is considered an attempt.)

Learning Support Probation

Students required to take any Learning Support courses will be placed on Learning Support Probation if they fail the course the first time they take it. Students on Learning Support Probation may be required to attend workshops or meet regularly with professional or peer tutors.

Learning Support Suspension

Students who begin in MATH 0097 and do not exit this course in two attempts will be suspended from the University. After at least one semester of Learning Support Suspension, students who have successfully completed the Academic Success Contract during each semester of enrollment and who have strengthened their math skills through other means may appeal for one additional attempt to take MATH 0097.

Learning Support Dismissal

Students who fail to complete Learning Support courses in the specified number of attempts will be dismissed from the University. The following circumstances are causes for Dismissal:

- Students are allowed a maximum of three attempts to pass the MATH 0097/MATH 0099 sequence. However, students are limited to enrolling in each course no more than two times, unless a third attempt at MATH 0097 was approved after Learning Support Suspension.
- Students who begin in MATH 0099 or are required to enroll in ENGL 0099 or READ 0099 and do not exit within two attempts will be dismissed.

- An attempt in a learning support course at another University System of Georgia institution shall be counted as an attempt at Clayton State University. Students who are admitted after having already had two unsuccessful attempts in these courses at other universities (or comparable pre-college work) shall only be given one additional attempt at Clayton State University.

Students who are dismissed for not successfully exiting MATH 0099, ENGL 0099, or READ 0099 may appeal for one additional attempt prior to the one-year dismissal. Appeals are considered only for students who completed the Academic Success Contract during each semester of enrollment and there is compelling evidence of a high likelihood of success in the final attempt. Students who are unsuccessful in this attempt on appeal will be dismissed for one year. After one calendar year, students in these circumstances must complete an application for readmission and file a written appeal with the Registrar's Office. Appeals will be evaluated by the Readmission Appeals Committee. Students seeking readmission following Learning Support Dismissal should either complete all Learning Support requirements elsewhere before reapplying or show compelling evidence of the ability to exit learning support and earn a degree. The committee may restrict the enrollment of students who are readmitted following dismissal.

Academic Honors

The Honors Program

A limited number of qualified students are admitted to the Clayton State University Honors Program, which offers special sections of classes and other activities.

Deans' List

A student with a semester average of 3.60 or higher with a minimum of nine credit hours who is in good academic standing will be placed on the Deans' List for that semester. Courses must count toward degree. Courses with a Pass/Fail grade are not eligible for the Dean's List. Students who are taking any course numbered lower than 1000 are ineligible for the Deans' List.

Graduation With Honors

To qualify for graduation with honors, students must meet the following requirements:

a. attain the Regents' Grade Point Average specified for the given level of honors on *all* work attempted at Clayton State University; and
b. attain the grade point average specified for the given level of honors on the Regents' Grade Point Average calculated on all college courses attempted at Clayton State *and* all other institutions attended, including accepted and non-accepted transfer credit.

Baccalaureate Degree	
Summa cum laude	3.90 - 4.00
Magna cum laude	3.70 - 3.89
Cum laude	3.50 - 3.69

Associate Degree	
High Honors	3.75 - 4.00

Honors	3.50 - 3.74

Honors Convocation

During the latter part of Spring Semester of each year, an Honors Convocation is held to recognize those students from all disciplines who have achieved overall records of academic excellence.

ROTC

Clayton State offers its students the opportunity to participate in the Army Reserve Officer Training Corps (ROTC) program at Clayton State which is now a partnership school under Georgia State as the host institution. The courses are offered by Clayton State and the classes are taken here at Clayton State.
For information about the ROTC Program please visit http://www.clayton.edu/rotc.

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GRADUATION REQUIREMENTS

General requirements for graduation are included in this section of the catalog. The curriculum and specific requirements for each program are listed in the subsequent sections for the five schools and colleges of the University: Arts and Sciences, Business, Nursing, and Information & Mathematical Sciences. Each student is responsible for both the general requirements in this section and the specific requirements for his or her chosen program of study.

A candidate for graduation is normally subject to the catalog graduation requirements that are in effect at the time the student entered his/her major program. A student may elect to satisfy the graduation requirements specified in a subsequent catalog. A student not enrolled for 2 or more consecutive calendar years is subject to the graduation requirements in effect at the time of readmission. Students must submit their graduation application by the published semester deadlines.

Associate and Baccalaureate Degrees
Core Curriculum

General Education Learning Outcomes:

Goal A1 (Written Communications)
Students will write effective expository and argumentative essays which consider purpose and audience.

Goal A2 (Quantitative)
Students will apply mathematical knowledge to interpret quantitative information using verbal, numerical, graphical, and symbolic forms.

Goal B (Institutional Foundations)
1. Students will effectively evaluate arguments, considering opposing points of view when appropriate. (Same as LG III)
2. Students will effectively articulate ideas and knowledge in spoken communication.

Goal C (Humanities or Fine Arts)
Students will demonstrate the ability to communicate critically on cultural concepts, artifacts or expressions in either English or a foreign language.

Goal D (Natural Sciences or Mathematics)
Students will apply scientific reasoning or mathematical methods to demonstrate scientific knowledge or to solve problems.

Goal E (Social Sciences)
Students will examine and apply concepts of social identity and individual differences, such as ethnicity, race, gender, age, class, ability or sexual orientation.

Learning Goal I (US Perspectives)
Students will evaluate political events, issues, groups or individuals in United States history.

Learning Goal II (Global Perspectives)
Students will explain how cultural, political, social, economic, or environmental factors have impacted various people or societies of the world.

Learning Goal III (Critical Thinking)
Students will effectively evaluate arguments, considering opposing points of view when appropriate.

Overlay Requirements:

Global Perspectives is satisfied by successful completion of an Area E2 course.

US Perspectives is satisfied by successful completion of an Area E1 or E3 course.

Critical Thinking is satisfied by successful completion of CRIT 1101 (Area B1).

Guidelines for the Core Curriculum are established by the University System of Georgia in order to ensure a s olid general education foundation for all graduates. Courses taken within the Core are guaranteed to transfer within the University System in accordance with guidelines. To a great extent, Areas A-E of the Core are "major free," meaning that they will apply regardless of major; however, certain majors do have specific mathematics, science, and other requirements in Areas A-E. All baccalaureate degree graduates and all A.A. and A.S. degree graduates must complete Areas A-F of the Core Curriculum, as specified below. T he areas of the Core and c ourses that can satisfy area requirements are as follows:

AREA

A. Essential Skills.....9 hours

A1. Two Composition Courses

ENGL 1101 English Composition I
ENGL 1102 English Composition II

A2. One Mathematics Course from Among

MATH 1101 Mathematical Modeling
MATH 1111 College Algebra
MATH 1112 Trigonometry & Analytical Geometry*
MATH 1113 Precalculus
MATH 1241 Survey of Calculus
MATH 1501 Calculus I

B. Critical Thinking and Communication .....4-5 hours**

B1. One Critical Thinking Course

CRIT 1101 Critical Thinking

B2. One or Two Foreign Language or Communication Courses from Among

COMM 1001 Presentational Speaking
COMM 1002 Presentation Applications
COMM 1110 Spoken Communication
FREN 1002 Elementary French II
SPAN 1002 Elementary Spanish II

C. Humanities .....6 hours

C1. One Literature, Philosophy, or Foreign Language Course from Among

ENGL 2111 World Literature I—Pre-Modern
ENGL 2112 World Literature II—Modern World
ENGL 2121 British Literature I
ENGL 2122 British Literature II
ENGL 2131 American Literature I
ENGL 2132 American Literature II
FREN 2001 Intermediate French I
FREN 2002 Intermediate French II
PHIL 2010 Introduction to World Philosophy
PHIL 2030 Ethics in Historical/Contemp. Perspective
SPAN 2001 Intermediate Spanish I

SPAN 2002 Intermediate Spanish II

C2. One Fine Arts or Intermediate Foreign Language Course from Among

ART 2301 Art of the Pre-Modern World
ART 2302 Art of the Modern World
CMS 2100 Introduction to Film
FREN 2001 Intermediate French I
FREN 2002 Intermediate French II
HUMN 2111 Perspectives on the Arts and Humanities
MUSC 2101 Music Appreciation
MUSC 2301 Introduction to World Music
PHIL 2040 Introduction to Aesthetics
SPAN 2001 Intermediate Spanish I
SPAN 2002 Intermediate Spanish II
THEA 1100 Theater Appreciation

D. Natural Sciences, Mathematics and Technology

D1. Science (Non-Science Majors).....7 hours

Non-Science majors must satisfactorily complete two courses and one laboratory in Area D1 from the following list.

ASTR 1010 Solar System Astronomy
ASTR 1020 Stellar and Galactic Astron.
ASTR 1020/L Stellar and Galactic Astron.
BIOL 1107/L Principles of Biology I
BIOL 1108 Principles of Biology II
BIOL 1111/L Introductory Biology I
BIOL 1112 Introductory Biology II
CHEM 1151/L Survey of Chemistry I
CHEM 1152 Survey of Chemistry II
CHEM 1211/L Principles of Chemistry I
CHEM 1212 Principles of Chemistry II
PHYS 1111/L Introductory Physics I
PHYS 1112 Introductory Physics II
PHYS 2211/L Principles of Physics I
PHYS 2212/L Principles of Physics II

Second courses in the same discipline sequence require the first as a prerequisite.

Students may not receive credit for both the first Principles course and the other first course in the same discipline (i.e. taking BIOL 1107/L and BIOL 1111/L is not permitted). This rule also applies to the second courses (i.e. taking PHYS 1112/L and PHYS 2212/L is not permitted).

D1. Science (Health Professions Majors) .....8 hours

Health Professions majors must satisfactorily complete a two-semester science course and laboratory sequence from the following:

BIOL 1107/L Principles of Biology I
BIOL 1108/L Principles of Biology II
OR
CHEM 1151/L Survey of Chemistry I
CHEM 1152/L Survey of Chemistry II
OR
CHEM 1211/L Principles of Chemistry I
CHEM 1212/L Principles of Chemistry II
OR
PHYS 1111/L Introductory Physics I

PHYS 1112/L Introductory Physics II
OR
PHYS 2211/L Principles of Physics I
PHYS 2212/L Principles of Physics II

D1. Science (Science Majors).....8 hours

Science majors must satisfactorily complete a two three-hour science courses and their accompanying one-hour laboratory courses from the following.

BIOL 1107/L Principles of Biology I
BIOL 1108/L Principles of Biology II
CHEM 1211/L Principles of Chemistry I
CHEM 1212/L Principles of Chemistry II
PHYS 2211/L Principles of Physics I
PHYS 2212/L Principles of Physics II

Second courses in a discipline require the first as a prerequisite.

D2. Science, Math or Technology .....3 hours

All students must complete an additional three hours in Area D2 from the following courses:

CSCI 1301 Computer Science I
MATH 1112 Trigonometry and Analytic Geometry*
MATH 1221 Finite Mathematics
MATH 1231 Introductory Statistics
MATH 1241 Survey of Calculus
MATH 1113 Pre-calculus
MATH 1501 Calculus I
MATH 2502 Calculus II
SCI 1901 Selected Topics in Science

Students selecting MATH 1501 or MATH 2502 will count three hours in Area D2 and one hour in Area F or in their degree requirements.

**Only the three credit MATH 1112 can be used by non-science majors in Area D2.*

E. Social Sciences.....12 hours

E1. One American Government Course

POLS 1101 American Government

E2. One World History Course from Among

HIST 1111 Survey of Pre-Modern World History
HIST 1112 Survey of Modern World History
HIST 2750 Critical Trends and Issues in Recent World History
POLS 2401 Introduction to Global Issues

E3. One American History Course from Among

HIST 2111 Survey of U.S. History to 1877
HIST 2112 Survey of U.S. History since Reconstruction

E4. One Behavioral Sciences Course from Among

AFAM 2010 Introduction to African American Studies
PSYC 1101 Introduction to Psychology
SOCI 1101 Introduction to Sociology
WST 2010 Introduction to Women's Studies

F. Courses Related to the Major Program of Study

The specific requirements of majors are listed where appropriate in the schools section of the catalog. In all cases, only courses that have not been used to satisfy other Core Curriculum requirements may be used to satisfy Area F requirements.

***** Completion of MATH 1112A or 3 credits of MATH 1112 in Area A satisfies the pre-calculus requirement for certain majors as long as MATH 1111 has been completed with a grade of C or better.

****** The sum of credits taken in areas B and D must total 15 credits. This means that students taking more than 7 credits in area D1 (e.g., science majors) need to take only one credit in area B2.

Bachelor of Applied Science Core Curriculum Regulations

Career associate degrees include 12-21 semester credit hours of general education work that is equivalent to Areas A-E courses in the Core Curriculum of the University System of Georgia. (Some career programs, especially those at University System two-year colleges, contain more than 21 such hours.) Clayton State will accept Areas A-E equivalent hours from transferring students and apply them to the B.A.S. according to University System guidelines even if the courses do not match those in the Clayton State core for native students. A typical B.A.S. student transferring to Clayton State will take 12-21 hours of general education at the associate-degree-granting institution and an additional 21-30 hours at Clayton State. Additionally, transfer of Area A-E is subject to the following conditions:

1. After hours from the career associate degree and other previous college-level work are applied to Areas A-E, B.A.S. students will be expected to complete all remaining elements of Areas A-E in order to total 42 semester credit hours. The 42 hours must include two English composition courses (with a *C* or better in ENGL 1101), Mathematics Modeling (or higher), and a s even-hour science sequence with laboratory. Once a student has been admitted to Clayton State, hours taken to complete the Core must be in accordance with the Clayton State University Core Curriculum.
2. Courses that are not core-curriculum equivalent (e.g., Citizenship, Business English, and math lower than Mathematical Modeling or College Algebra) will *not* count toward Areas A-E.
3. In some cases, courses transferred are eligible for inclusion either in the career courses for the associate degree or in Areas A-E of the Core Curriculum. When a student is admitted to the B.A.S. program, the courses are applied as is most appropriate to his or her program of study. Students should be aware that a course cannot be counted in two places (e.g., Introduction to General Psychology might be eligible in either Area E or as a career course, but it can be counted in only one place.)
4. Students who do not fulfill the legislative requirement for the study of Georgia and U. S. history and constitution by courses in Area E must meet the requirement by examination or other course work.
5. Transfer students may be required to provide official course descriptions, syllabi, or other documentation of course content to facilitate determination of equivalency.

Upper-Division Major Requirements

Each graduate must complete all curriculum and related requirements for one specific major as listed in the appropriate section of the catalog. In addition to courses, graduation requirements may include GPA minimums, experiential learning, residency regulations, assessments, examinations, remedial work, or other requirements as explained in the catalog or official program handbooks.

Unless otherwise stated, all upper division courses in baccalaureate degree programs require a minimum grade of *C*.

Total Hours Requirement

The student must have earned the total number of semester credit hours specified for his or her major. The minimum is 60 hours for the associate degree and 120 hours for the baccalaureate degree; some programs require more hours.

Grade Point Average

The student must achieve an institutional GPA of at least 2.00 in the courses used to meet degree requirements. A student must be in good academic standing at the time of graduation. Some programs may require a higher GPA.

Grade Requirements for Specific Courses

The student must have a grade of *C* or better (or *K*) in ENGL 1101 and ENGL 1102 in order to graduate. In addition, the student must also meet any minimum grade requirements for the student's major including grade requirements embedded in prerequisites. Upper-level courses (3000 and 4000 level courses) require grades of *C* or higher unless specifically indicated in the requirements of individual degree programs.

Residency Requirement

Residency refers to courses (including online courses) offered by Clayton State University. Transfer courses (including correspondence courses, on-line courses, transient courses, or cross-registration courses) are not considered to be in residence. Credit by examination or experience is not considered to be in residence even if the examination was taken at Clayton State. (In this context, "residence" has nothing to do with a student's residence for fee payment purposes.)

a. **Associate degree**. A minimum of 21 semester credit hours in residency is required. At least 12 of the 21 hours must be in Area F for the A.A. or A.S. or in program requirements other than electives for the A.A.S.

b. **Baccalaureate degree**: A minimum of 30 semester credit hours in residence at Clayton State University. At least 21 of the 30 must be upper division hours counted toward program requirements other than free electives. Individual programs of the University may specify additional residency requirements.

Regents' Courses and Testing

Clayton State University has been exempt from the Regents' Testing Program. Therefore, the Regents' Test will no longer be given, and Regents' Test skills courses are no longer offered.

General Certificate Requirements

To earn an academic certificate from Clayton State University, a student must meet the following general requirements in addition to the curricular requirements listed later in this catalog with the program of study.

1. **Grade Point Average**. Certificate graduates must have an Institutional Grade Point Average of 2.00 or better in the courses counted toward certificate requirements. A student must be in good academic standing at the time of graduation. If ENGL 1101 is counted toward the certificate, the graduate must have earned a grade of *C* or better (or *K*).
2. **Residency**. At least one-half of the credit hours applied to the certificate must be earned in residence at Clayton State University. Individual programs may have additional restrictions. (See the Residency item of the Degree Requirements section for the definition of residency.)
3. **Graduation Ceremony.** Certificates are not awarded at the University's formal commencement program for degrees. Certificates are available for pick up in the Registrar's Office six to eight weeks after the end of the semester. Certificates not picked up will be mailed to the current address on file.

Constitution and History Requirement

Georgia law requires that each candidate for a degree demonstrate a knowledge of the history and constitution on the United States and Georgia. These requirements may be met by receiving a passing grade in certain courses, or by passing the appropriate examination. The courses and the requirement(s) each course satisfies are as follows:

1. HIST 2111/2112 satisfies the Georgia and US history requirement.
2. POLS 1101 satisfies the Georgia and US Constitution requirement.
3. HIST 3110 satisfies the Georgia history and the Georgia Constitution requirement.
4. CITZ 1001 satisfies Georgia and US history, and Georgia and US Constitution. CITZ 1001 satisfies the legislative requirement only. This course may not be applied towards any other degree requirement, including free electives.
5. Transfer credit - students with transfer credit (HIST 2111, HIST 2112 or POLS 1101) from outside the University System of Georgia will need to contact the Testing Center regarding the legislative exams.

Other Graduation Regulations

Second Degree

Any student wishing to receive a second or subsequent degree from Clayton State University must complete in residence at Clayton State University a minimum of 24 additional credit hours for the associate degree or 30 credit hours for the bachelor's degree. Hours counted for residency must apply to the

requirements for second degree; free electives do not count toward second degree residency. Credit which has been used to satisfy the requirements of a previous degree cannot be applied toward the minimum resident hours needed for the second or subsequent degrees. Students must meet ALL course requirements for the second degree, including prerequisite courses or skills. The graduation application process for a second degree is the same as for any degree. Specific "dual degree" programs listed in this catalog may have different residency requirements. Students transferring to Clayton State who received a Bachelor's degree from a USG institution have satisfied the core curriculum. Transfer students from outside the USG, must have 42 hours of general education course work in order to satisfy the core curriculum requirement.

Licensure Programs

Certain programs are designed to satisfy the present educational requirements that enable students to take licensure examinations. (Current programs at Clayton State University include Nursing, Dental Hygiene, and Middle Level Education.) It is possible that the licensing board may change requirements prior to a student's completion of his or her course of study. While reasonable efforts will be made to enable students to satisfy additional requirements, no assurances can be made that the University will be able to offer additional courses or, if taken, that such courses will entitle students to take licensure examinations.

Application for Graduation

All students pursuing a certificate or degree from Clayton State University must submit an Application for Graduation to the Registrar's Office two semesters in advance of the intended graduation. The deadlines for submitting an application are:

June 1, for Fall
September 15, for Spring
January 30, for Summer

Students may be graduated at the end of any semester in which they fulfill the degree requirements of the University. Currently, formal commencement ceremonies are held in May and December each year. Diplomas are available for pick up in the Registrar's Office eight weeks after the end of the semester. Diplomas not picked up will be mailed to the current address on file.

COLLEGE OF ARTS AND SCIENCES

ADMINISTRATIVE OFFICERS

Nasser Momayezi, *Dean*
John G. Campbell, *Associate Dean*
R.B. Rosenburg, *Assistant Dean*

MISSION AND GOALS

The College of Arts and Sciences has four primary objectives:

- To offer baccalaureate and masters programs.
- To provide students with the sound background in general education that they will need during their college experience and after graduation.
- To provide course work in support of programs of study offered by other schools of the University.
- To offer programs of study for pre-Professional areas of study for transfer to other universities.

All instruction in the College of Arts and Sciences addresses one or more outcomes and uses a variety of assessments to determine a student's progress in developing the knowledge and abilities necessary to demonstrate that he or she has achieved the outcomes.

INSTRUCTIONAL ORGANIZATION

The College of Arts and Sciences is composed of seven academic departments and an Office of Interdisciplinary Studies offering the degree programs listed below:

Department	Degree Program	Degree
Department of English	English (with concentrations in Literature and Writing)	BA
	English and Secondary Teacher Education	BA
Department of Humanities	History	BA
	History and Secondary Teacher Education	BA
	Philosophy	BA
Department of Interdisciplinary Studies	Administrative Management	BAS
	Integrative Studies	AA, AS, BS
	Liberal Studies	BA
	Technology Management	BAS
Department of Natural Sciences	Biology	BS
	Biology with Secondary Teacher Education	BS
	Chemistry	BS
	Pre-Engineering	AS
	Pre-Pharmacy	AS
Department of Psychology	Psychology and Human Services	BS
Department of Social Sciences	Criminal Justice	BS
	Legal Studies	BS
	Political Science	BS

	Sociology	BS
	Paralegal Studies	AAS
Department of Teacher Education	Middle Level Education	BA
	Master of Arts in Teaching	MA
Department of Visual and Performing Arts	Communication and Media Studies	BA
	Music	BA
	Music (with concentrations in Education, and Performance)	BM
	Theatre	BA

MINORS
Minors are offered in the following disciplines:

African American Studies ..... Interdisciplinary Studies
Art..... Visual and Performing Arts
Aviation Administration ..... Interdisciplinary Studies
Chemistry..... Natural Sciences
Communication and Media Studies ..... Visual and Performing Arts
Corporate Communication ..... Visual and Performing Arts
Criminal Justice..... Social Sciences
Education..... Education
English..... English
Film..... Visual and Performing Arts
French ..... Humanities
Health and Fitness Management..... Dean's Office
History ..... Humanities
Homeland Security/Emergency Management ..... Social Sciences
Legal Studies ..... Social Sciences
Music..... Visual and Performing Arts
Philosophy ..... Humanities
Political Science ..... Social Sciences
Psychology ..... Psychology
Sociology..... Social Sciences
Spanish ..... Humanities
Theatre ..... Visual and Performing Arts
Women's Studies ..... Interdisciplinary Studies

Department of English

ADMINISTRATIVE OFFICER

Barbara A. Goodman, *Department Chair*

FACULTY

Brigitte F. Byrd, *English*
Shannon Cochran, *Interdisciplinary Studies and English*
Benie A. Colvin, *English*
Susan E. Copeland, *English*
Gregory James Flail, *English*
Margaret Fletcher, *English*
Ebony Gibson, *African American Studies and English*
Barbara A. Goodman, *English*
Cantice Greene, *English*
Gwendolyn Harold, *English*
Sipai Klein, *English*
Mary R. Lamb, *English*
Gregory V. McNamara, *English*
Stephen D. Mills, *English*
Eugene Ngezem, *English*
Jennifer M. Parrott, *English*
Robert Pfeiffer, *English*
Kathryn Pratt Russell, *English*
Amy D. Sanford, *English Education*
Patricia A. Smith, *English Education*
Mary C. Thompson, *English*

MISSION AND GOALS

The Department of English at Clayton State University comprises three areas: General Education and support courses, the Bachelor of Arts in English and the Master of Arts in Teaching English. Through our General Education courses, the English department offers First-Year Writing courses and literature survey courses. The First-Year Writing Program is devised to strengthen and enhance all university students' writing and critical thinking skills. Its cutting-edge curriculum develops and integrates the skills necessary for students to succeed both at university and in the work place. The literary survey courses introduce students to some of the greatest writings and ideas humankind has created, thus expanding their understanding of themselves and their cultures.

The Bachelor of Arts in English serves a diverse population of students through its three tracks: literature, writing and English education. Courses in this major broaden and deepen a student's understanding of the great ideas and writings from ancient to contemporary times. The courses also help students to develop research skills and enhance their critical thinking skills through detailed and intensive analysis and synthesis, thus providing them with the resources to reflect upon the human experience and to apply their understanding to present issues and problems. The proficiencies and knowledge acquired through the English major offer students opportunities for success in a variety modes, including:

•graduate study (e.g. in English, library science, technical writing and creative writing);
•professional schools (e.g. law, medical, divinity); and
•careers in multiple fields (e.g. education, media marketing, public relations, and professional and technical writing).

The Master of Arts in Teaching English has two tracks: the certification track offers teacher candidates the opportunity for teaching certification in grades 6-12 English, while the post-secondary track allows candidates the chance to develop skills for teaching at the college level. Both tracks explore a wide range of literary works and composition theories, while instilling students with the skills necessary to succeed in teaching, whether at a secondary or college level.

Through these three areas, the English program affects and influences almost every student at Clayton State University. The program is dedicated to enhancing all students' experiences at Clayton State University. It prepares its majors for their future endeavors and develops all students' writing and critical thinking abilities. Finally, the English program is determined to help to create a vital community for literature and the arts on campus and in the surrounding community, thus strengthening the liberal arts component of the university and its connection with the wider community.

HONOR SOCIETIES AND CLUBS

Among the honor societies, clubs, and service organizations designed to support, augment, and supplement the educational and professional development of students are the *Cygnet* literary/arts magazine and a number of departmental student award competitions. In addition, Department of English houses the Alpha Nu Xi chapter of Sigma Tau Delta, the International English Honor Society.

Bachelor of Arts in English

BACHELOR OF ARTS IN ENGLISH DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**
All English Core Curriculum requirements are shown in the suggested degree program.

Lower Division Core Requirements (Core Curriculum Area F).....**18 hours**
International Languages ..... 0-9 hours
Competence in a language other than English through the intermediate level (e.g., SPAN 2002) is required, here, in Areas B and/or C, or by competency assessment (e.g., CLEP).
World Literature Courses ..... 3-6 hours
Select from: ENGL 2111, ENGL 2112
British Literature Courses..... 3-6 hours
ENGL 2121, ENGL 2122 or ENGL 2200 (Maymester only)
American Literature Courses..... 3-6 hours
ENGL 2131, ENGL 2132
Elective Courses ..... 0-3 hours
Any courses listed but not applied in Areas C or E. Foreign Language 1002 may apply in Area F if not applied in Area B.

All English majors must have a C or higher in all English classes. Secondary English Education majors must have a C or better in all classes. Upper-division courses are all courses other than those of Areas A through F of the core curriculum. 1000- or 2000-level courses used in the upper division are included in this restriction.

Upper Division English Writing and Literature Core Requirements..12 hours
ENGL 3100 Introduction to Literary Studies ..... 3 hours
ENGL 3110 Introduction to Writing Studies ..... 3 hours
ENGL 4011 Critical Theory ..... 3 hours
ENGL 4950 Senior Capstone ..... 3 hours

Upper Division English Education Core Requirements .....12 hours
ENGL 3100 Introduction to Literary Studies ..... 3 hours
ENGL 4011 Critical Theory ..... 3 hours
ENGL 4020 Methods in Teaching Literature ..... 3 hours
ENGL 4030 Methods in Teaching Writing ..... 3 hours

Upper Division Concentration Requirements .....48 hours
Writing Concentration: Core Requirements.....12 hours
ENGL 3212 Advanced Composition ..... 3 hours
ENGL 3220 Argumentative Writing ..... 3 hours
ENGL 3600 Careers in Writing ..... 3 hours
ENGL 3800 Introduction to Creative Writing..... 3 hours
Writing Concentration: English Electives .....21 hours
Select five courses from the following writing courses:
ENGL 3140 Introduction to Visual Rhetoric ..... 3 hours
ENGL 3210 Advanced Grammar ..... 3 hours
ENGL 3650 Writing for Nonprofits ..... 3 hours
ENGL 3700 Response to Writing..... 3 hours
ENGL 3900 Professional and Technical Writing ..... 3 hours
ENGL 3910 Professional Editing ..... 3 hours
ENGL 4000 English Internship ..... 3 hours
ENGL 4030 Methods of Teaching Writing.....3 hours
ENGL 4300 Advanced Poetry Writing ..... 3 hours
ENGL 4315 Advanced Fiction Writing..... 3 hours
ENGL 4320 Advanced Creative Nonfiction Writing ..... 3 hours
ENGL 4700 Senior Thesis..... 3 hours
Select three courses from the following literature courses:
ENGL 3200 History of the English Language ..... 3 hours
ENGL 3300 Women and Literature..... 3 hours
ENGL 3410 African American Literature I ..... 3 hours
ENGL 3420 African American Literature II ..... 3 hours
ENGL 3501 Multicultural Literature..... 3 hours
ENGL 4020 Methods of Teaching Literature ..... 3 hours
ENGL 3510 Caribbean Literature ..... 3 hours
ENGL 4020 Methods of Teaching..... 3 hours
ENGL 4100 Federal and Colonial Literature..... 3 hours
ENGL 4110 American Romanticism ..... 3 hours
ENGL 4114 Adolescent Literature ..... 3 hours
ENGL 4120 American Realism and Naturalism..... 3 hours
ENGL 4130 Southern Literature ..... 3 hours
ENGL 4140 Modern American Literature ..... 3 hours
ENGL 4150 Contemporary American Literature ..... 3 hours

ENGL 4200 Medieval Literature ..... 3 hours
ENGL 4210 Renaissance Literature ..... 3 hours
ENGL 4215 Shakespeare ..... 3 hours
ENGL 4221 Seventeenth Century Literature ..... 3 hours
ENGL 4222 Eighteenth Century Literature ..... 3 hours
ENGL 4241 Romantic Literature ..... 3 hours
ENGL 4242 Victorian Literature ..... 3 hours
ENGL 4250 Modern British Literature ..... 3 hours
ENGL 3620 Postcolonial Literature ..... 3 hours
ENGL 4610 Modern Poetry ..... 3 hours
ENGL 4630 The Short Story ..... 3 hours
ENGL 4800 Special Topics in English ..... 3 hours
ENGL 4810 Special Topics in Women and Literature ..... …3 hours
ENGL 4820 Studies in Drama ..... 3 hours
ENGL 4900 Directed Research ..... 3 hours

Writing Concentration: Guided Electives.....12 hours

Select four courses, only one of which may be an upper-level English course. If a student wishes to minor in a subject, all four electives must have the same prefix.

Literature Concentration Core Requirements.....15 hours

Cultural Studies…… 6 hours

Select from:
ENGL 3200 History of the English Language ..... 3 hours
ENGL 3300 Women and Literature ..... 3 hours
ENGL 3410 African American Literature I ..... 3 hours
ENGL 3420 African American Literature II ..... 3 hours
ENGL 3501 Multicultural Literature ..... 3 hours
ENGL 3510 Caribbean Literature ..... 3 hours
ENGL 3620 Postcolonial Literature ..... 3 hours
ENGL 4810 Special Topics in Women and Literature ..... 3 hours

Literature Concentration: British Literature before 1660.....3 hours

Select from:
ENGL 4200 Medieval Literature ..... 3 hours
ENGL 4210 Renaissance Literature ..... 3 hours
ENGL 4215 Shakespeare ..... 3 hours
ENGL 4221 Seventeenth Century Literature ..... 3 hours

Literature Concentration: British Literature after 1660.....3 hours

Select from:
ENGL 4221 Seventeenth Century Literature ..... 3 hours
ENGL 4222 Eighteenth Century Literature ..... 3 hours
ENGL 4241 Romantic Literature ..... 3 hours
ENGL 4242 Victorian Literature ..... 3 hours
ENGL 4250 Modern British Literature ..... 3 hours
ENGL 3620 Postcolonial Literature (if not applied in Cultural Studies) ..... 3 hours

Literature Concentration: American Literature before1850 .....3 hours

Select from:
ENGL 4100 Federal and Colonial Literature ..... 3 hours
ENGL 4110 American Romanticism ..... 3 hours
ENGL 3410 African American Literature I (If not applied in Cultural Studies) ..... 3 hours

Literature Concentration: American Literature after 1850 .....3 hours

Select from:
ENGL 4120 American Realism and Naturalism ..... 3 hours
ENGL 4130 Southern Literature ..... 3 hours

ENGL 4140 Modern American Literature ..... 3 hours
ENGL 4150 Contemporary American Literature ..... 3 hours
ENGL 3420 African American Literature II (if not applied in Cultural Studies) ..... 3 hours
ENGL 3501 Multicultural Literature (if not applied in Cultural Studies) ..... 3 hours
The following courses may be applied in one of the above categories depending on the topic of the course: ENGL 4610 Modern Poetry, ENGL 4630 The Short Story, ENGL 4800 Special Topics in English, ENGL 4820 Studies in Drama, or ENGL 4900 Directed Research.

Literature Concentration: English Electives .....18 hours
Choose six 3000- or 4000- level ENGL courses that are not applied elsewhere in the program of study.

Literature Concentration: Guided Electives.....12 hours
Select four courses, only one of which may be an upper-level English course. If a student wishes to minor in a subject, all four electives must have the same prefix.

English Education Concentrations Core Requirements.....15 hours

Cultural Studies.....3 hours
Select from:
ENGL 3200 History of the English Language ..... 3 hours
ENGL 3300 Women and Literature..... 3 hours
ENGL 3410 African American Literature I ..... 3 hours
ENGL 3420 African American Literature II ..... 3 hours
ENGL 3501 Multicultural Literature..... 3 hours
ENGL 3510 Caribbean Literature ..... 3 hours
ENGL 3620 Postcolonial Literature..... 3 hours
ENGL 4810 Special Topics in Women and Literature ..... 3 hours

English Education Concentration: British Literature before 1660.....3 hours
Select from:
ENGL 4200 Medieval Literature ..... 3 hours
ENGL 4210 Renaissance Literature ..... 3 hours
ENGL 4221 Seventeenth Century Literature ..... 3 hours

English Education Emphasis: British Literature after 1660.....3 hours
ENGL 4221 Seventeenth Century Literature ..... 3 hours
ENGL 4222 Eighteenth Century Literature ..... 3 hours
ENGL 4241 Romantic Literature..... 3 hours
ENGL 4242 Victorian Literature..... 3 hours
ENGL 4250 Modern British Literature ..... 3 hours
ENGL 3620 Postcolonial Literature (if not applied in Cultural Studies)..... 3 hours

English Education Concentration: American Literature before 1850 .3 hours
ENGL 4100 American Colonial and Federal Literature ..... 3 hours
ENGL 4110 American Romanticism ..... 3 hours
ENGL 3410 African American Literature I (if not applied in Cultural Studies) ..... 3 hours

English Education Concentration: American Literature after 1850 .....3 hours
ENGL 4120 American Realism and Naturalism..... 3 hours
ENGL 4130 Southern Literature ..... 3 hours
ENGL 4140 Modern American Literature ..... 3 hours
ENGL 4150 Contemporary American Literature ..... 3 hours
ENGL 3420 African American Literature II (if not applied in Cultural Studies)..... 3 hours

ENGL 3501 Multicultural Literature (if not applied in Cultural Studies) ..... 3 hours
The following courses may be applied in one of the above categories depending on the topic of the course: ENGL 4610 Modern Poetry, ENGL 4630 The Short Story, ENGL 4800 Special Topics in English, ENGL 4180 Special Topics in Women and Literature, ENGL 4820 Studies in Drama, or ENGL 4900 Directed Research.

English Education Concentration: Guided Electives.....9 hours
ENGL 3200 History of English or ENGL 3210 Advanced Grammar.... 3 hours
ENGL 4114 Adolescent Literature ..... 3 hours
ENGL 4215 Shakespeare ..... 3 hours

English Education Concentration: English Electives .....6 hours
Choose two 3000- or 4000- level ENGL courses that are not applied elsewhere in the program of study.

Secondary Teacher Education Concentration Area..... **27 Hours**
EDUC 2110 Investigating Critical/Contemporary Issues ..... 3 hours
EDUC 2120 Exploring Socio-Culture ..... 3 hours
EDUC 2130 Exploring Teaching & Learning ..... 3 hours
EDUC 3030 Exploring-Exceptional Learner ..... 3 hours
EDUC 3200 Secondary School Curriculum and Assessment..... 3 hours
EDUC 3210 Classroom Methods and Management ..... 3 hours
EDUC 4003 Secondary Level Seminar ..... 1 hour
EDUC 4725 Secondary Practicum..... 2 hours
EDUC 4730 Secondary Internship I..... 3 hours
EDUC 4731 Secondary Internship II..... 3 hours

Total Degree Requirements.....**120-129 hours**

BACHELOR OF ARTS IN ENGLISH - WRITING CONCENTRATION SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. Other courses are recommended selections from categories within the program requirements.

BACHELOR OF ARTS IN ENGLISH - WRITING CONCENTRATION SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. Other courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
CRIT 1101*	Critical Thinking	3	SPAN 1002	Elementary Spanish II	3
SPAN 1001	Elementary Spanish I	3	MATH 1231	Introductory Statistics	3
PSYC 1101	Intro to General Psychology		POLS 1101*	American Government	3
Or SOCI 1101	or Introduction to Sociology	3	HIST 1111	Pre-Modern World History	3

MATH 1101*	Intro to Math Modeling	3			
Total		***15***	***Total***		***15***

SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
SPAN 2001	Intermediate Spanish I	3	SPAN 2002	Intermediate Spanish II	3
HIST 2111	US History to 1877		ENGL 2132	American Literature II	3
Or HIST 2112	US Since Reconstruction	3	BIOL 1112	Introductory Biology II	3
ENGL 2111	World Literature I	3	ENGL 2121	British Literature I	3
BIOL 1111	Introductory Biology I	3	ENGL 2131	American Literature	3
BIOL 1111L	Intro to Biology Laboratory	1			
ART 2302	Art of the Modern World	3			
Total		***16***	***Total***		***15***

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 3100*	Intro to Literary Studies	3	ENGL 3220*	Argumentative Writing	3
ENGL 3110*	Intro to Writing Studies	3	ENGL 3600*	Careers in Writing	3
ENGL 3212*	Advanced Composition	3	ENGL 3800*	Creative Writing	3
ENGL 3650	Writing for Nonprofits	3	ENGL 3210	Advanced Grammar	3
	English Elective	3		Guided Elective	3
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 4011*	Literary Theory	3	ENGL 4950*	Senior Capstone	3
ENGL 4315	Advanced Fiction Writing	3	ENGL 4300	Advanced Poetry Writing	3
	English Electives	6		English Elective	3
	Guided Elective	3		Guided Electives	6
Total		***15***	***Total***		***15***

BACHELOR OF ARTS IN ENGLISH – LITERATURE CONCENTRATION SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. Other courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***

ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
CRIT 1101*	Critical Thinking	3	SPAN 1002	Elementary Spanish II	3
SPAN 1001	Elementary Spanish I	3	MATH 1231	Introductory Statistics	3
PSYC 1101	Intro General Psychology		POLS 1101*	American Government	3
Or SOCI 1101	or Introduction to Sociology	3	HIST 1111/ 1112	Pre-Modern World History/ Modern World History	3
MATH 1101	Intro to Math Modeling	3			
Total		***15***	***Total***		***15***

SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
SPAN 2001	Intermediate Spanish I	3	SPAN 2002	Intermediate Spanish II	3
HIST 2111	US History to 1877		ENGL 2132	American Literature II	3
Or HIST 2112	or US Since Reconstruction	3	BIOL 1112	Introductory Biology II	3
ENGL 2111	World Literature I	3	ENGL 2121	British Literature I	3
BIOL 1111	Introductory Biology I	3	ENGL 2131	American Literature I	3
BIOL 1111L	Intro to Biology Laboratory	1			
ART 2302	Art of the Modern World	3			
Total		***16***	***Total***		***15***

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 3100*	Intro to Literary Studies	3	ENGL 3200	History of the English Language	3
ENGL 3110*	Intro to Writing Studies	3	ENGL 4250	Modern British Literature	3
ENGL 3410	African American Literature I	3		English Electives	6
ENGL 4215	Shakespeare	3		Guided Elective	3
	English Elective	3			
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 4100	American Colonial/Federal Literature	3	ENGL 4950*	Senior Capstone	3
ENGL 4011*	Critical Theory	3	ENGL 4140	Modern American Literature	3
	English Electives	6		English Elective	3
	Guided Elective	3		Guided Electives	6
Total		***15***	***Total***		***15***

BACHELOR OF ARTS IN ENGLISH - EDUCATION CONCENTRATION SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program

requirements. O ther courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
CRIT 1101*	Critical Thinking	3	SPAN 1002	Elementary Spanish II	3
SPAN 1001	Elementary Spanish I	3	POLS 1101	American Government	3
PSYC 1101	Intro General Psychology		CMS 2100	Introduction to Film	3
Or SOCI 1101	Introduction to Sociology	3	HIST 1111	Pre-Modern World History	3
MATH 1101	Intro to Math Modeling	3	EDUC 2110*	Investigating Critical/ Contemporary Issues	3
Total		***15***	***Total***		***18***

SOPHOMORE YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 2111	World Literature I	3	ENGL 2121	British Literature I	3
SPAN 2001	Intermediate Spanish I	3	ENGL 2131	American Literature I	3
MATH 1231	Introductory Statistics	3	SPAN 2002	Intermediate Spanish II	3
BIOL 1111	Introductory Biology I	3	HIST 2111 *Or* HIST 2112	US History to 1877 US Since Reconstruction	3
BIOL 1111L	Intro to Biology Laboratory	1	BIOL 1112	Introductory Biology II	3
COMM 1001	Presentational Speaking	1	EDUC 2130*	Exploring Teaching and Learning	3
COMM 1002	Presentation Applications	1			
EDUC 2120*	Exploring Socio-Culture Perspectives	3			
Total		***18***	***Total***		***18***

JUNIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 3100*	Intro to Literary Studies	3		English Lit Core - Cultural Studies	3
ENGL 3200 or ENGL 3210	History of English Language or Advanced Grammar & Comp	3	ENGL 4030*	Methods of Teaching Literature	3
ENGL 4215*	Shakespeare	3	ENGL 4114*	Adolescent Literature	3
ENGL 4011*	Critical Theory	3		English Lit Core - British Lit Before 1660	3
	English Elective	3		English Lit Core -American Lit Before 1850	3
EDUC 3200*	Secondary School Curriculum and Assessment	3	EDUC 3030*	Exploring Exceptional Learner	3
Total		***18***	***Total***		***18***

SENIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 4020	Methods in Teaching Writing	3	EDUC 4003*	Secondary Level Seminar	1
	English Lit Core - British Lit After 1660	3	EDUC 4730*	Secondary Internship I	3
	English Elective	3	EDUC 4731	Secondary Internship II	3
	English Lit Core – American Lit after 1850	3			
EDUC 3210	Classroom Management	3			
EDUC 4725	Secondary Practicum	2			
Total		***15***	***Total***		**9**

Minor Program in English

The English minor program has two concentrations that serve different populations of students. The concentration in literature is for students who intend to pursue undergraduate minors in literature or related fields, either in preparation for teaching or for other personal or professional goals. T he concentration in writing is for students seeking advanced preparation for careers requiring high levels of skill in written communication (or also for graduate programs in technical or professional writing).

ENGLISH MINOR PROGRAM REQUIREMENTS

Upper Division Requirement for Literature Concentration.....**3 hours**
ENGL 3100 Introduction to Literary Studies

Upper Division Requirement for Writing Concentration.....**3 hours**
ENGL 3110 Introduction to Writing Studies

Upper Division Electives .....**12 hours**
Literature Concentration .....9-12 hours
Select from Literature Courses (9 – 12 hours)
ENGL 3200, ENGL 3300, ENGL 3410, ENGL 3420, ENGL 3501, ENGL 3510, ENGL 3620, ENGL 4000, ENGL 4011, ENGL 4020, ENGL 4100, ENGL 4110, ENGL 4120, ENGL 4130, ENGL 4140, ENGL 4150, ENGL 4200, ENGL 4210, ENGL 4215, ENGL 4221, ENGL 4222, ENGL 4241, ENGL 4242, ENGL 4250, ENGL 4610, ENGL 4630, ENGL 4800, ENGL 4810, ENGL 4820, ENGL 4900
Select from Writing Courses (0 – 3 hours)
ENGL 3110, ENGL 3140, ENGL 3210, ENGL 3212, ENGL 3600, ENGL 3650, ENGL 3700, ENGL 3800, ENGL 3900, ENGL 3910, ENGL 4000, ENGL 4030, ENGL 4300, ENGL 4301, ENGL 4315, ENGL 4320, ENGL 4800
Writing Concentration .....9-12 hours
Select from Writing Courses (9 -12 hours)
ENGL 3140, ENGL 3210, ENGL 3212, ENGL 3600, ENGL 3650, ENGL 3700, ENGL 3800, ENGL 3900, ENGL 3910,

ENGL 4000, ENGL 4020, ENGL 4030, ENGL 4300, ENGL 4301, ENGL 4315, ENGL 4320, ENGL 4800

Select from Literature Courses (0 – 3 hours)

ENGL 3100, ENGL 3200, ENGL 3410, ENGL 3420, ENGL 3501, ENGL 3510, ENGL 3620, ENGL 4011, ENGL 4030, ENGL 4100, ENGL 4110, ENGL 4114, ENGL 4120, ENGL 4130, ENGL 4140, ENGL 4150, ENGL 4200, ENGL 4210, ENGL 4215, ENGL 4221, ENGL 4222, ENGL 4241, ENGL 4242, ENGL 4250, ENGL 4610, ENGL 4630, ENGL 4800, ENGL 4810, ENGL 4820, ENGL 4900

Total Program Requirements ..... **15 hours**

Department of Humanities

ADMINISTRATIVE OFFICER

E. Joe Johnson, *Department Chair*

FACULTY
Benjamin L. Buckley, *Philosophy*
Aaron A. Dopf, *Philosophy*
David Gilbert, *History*
Roberto E. Gibraltarik, *Spanish*
Randall S. Gooden, *History*
Alexander W. Hall, *Philosophy*
Ronald L. Jackson, *Philosophy*
Todd Janke, *Philosophy*
E. Joe Johnson, *French and Spanish*
Kathryn W. Kemp, *History*
Andrew P. Kurt, *History*
Sanjay Lal, *Philosophy*
Marko Maunula, *History*
Dennis R. Miller, *Spanish*
R.B. Rosenburg, *History*
Adam Tate, *History*
Maria Vickery, *Spanish*
Chris Ward, *History*
Carol L. White, *History*

MISSION AND GOALS

The Department of Humanities is a multidisciplinary unit composed of dedicated and talented faculty whose mission is to cultivate awareness of and sensitivity to the ideas and values characterizing human discourse, thought, and experience. The Department provides leadership for the University's commitment to teaching students critical and creative thinking, analytical reading and listening, as well as international language and information-gathering skills. The Department offers a diverse and technology-enhanced curriculum that encourages critical, open-minded and informed consideration of the human tradition and the many beliefs, histories, and words of our collective cultural heritage. Together, we teach introductory and advanced courses in the areas of History, Philosophy, International Languages, and Humanities, with a B.A. in History, a B.A. in History and Secondary Education, a B.A. in Philosophy and minors in History, Philosophy, French and Spanish. As Humanities faculty, we are devoted to our students, and we are actively involved in scholarly research and in service to the profession, to the University and to the larger community.

Bachelor of Arts in History

Graduates with a B.A. in history have several options including entry-level positions in history-related fields, graduate study in history, and solid liberal arts preparation for a variety of public service, business, writing, and education careers. The study of history has traditionally provided a strong background for graduates who go on to law school.

History majors at Clayton State have an experience unique in the nation, because no other campus has a state archives and a regional national archives located immediately adjacent to campus. Clayton State students will have the opportunity to conduct research in these facilities.

History majors may choose from five concentrations or a minor in another discipline:

- Southern Studies
- World Cultures
- Archives
- Public History
- General History

BACHELOR OF ARTS IN HISTORY DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**
All History Core Curriculum requirements are shown in the suggested degree program.

Lower Division Core Requirements (Core Curriculum Area F).....**18 hours**
World Language Option..... 0-6 hours
Students contemplating advanced study in the field of history are strongly encouraged to study a language other than English.

Lower Division Major Requirements .....12 hours
Select from among:
HIST 1111 or 1112 World History..... 3 hours
HIST 2111 or 2112 U. S. History ..... 3 hours
HIST 2265 Minorities in American History or
HIST 2750 Critical Trends & Issues in Recent World History..... 3 hours
HIST 2500 Historical Methods ..... 3 hours

Grades of C or better are required for all lower division HIST courses.

Lower Division Major Electives..... 0-6 hours
Select from: AFAM 2010, ECON 2105, ECON 2106, MATH 1231, PHIL 2010, PHIL 2030, PHIL 2040, POLS 2101, POLS 2401, PSYC 2103, SOCI 1101, SOCI 2293, SOCI 2420

No more than two grades of D in upper-division courses are allowed in the History major. Upper-division courses are all courses other than those of Areas A through F of the core curriculum. 1000- or 2000-level courses used in the upper division are included in this restriction.

Upper Division Major Requirements .....**12 hours**
HIST 3001 Historiography..... 3 hours
HIST 3010 Introduction to Public History ..... 3 hours
HIST 3110 Georgia History and Government..... 3 hours
HIST 4850 Senior History Thesis ..... 3 hours

Required Upper Division United States History Core ..... **12 Hours**
Select from among:
HIST 3120 The Establishment of the U.S., 1607-1800 ..... 3 hours

HIST 3125 The Age of Jefferson and Jackson ..... 3 hours
HIST 3130 Sectionalism and the Civil War..... 3 hours
HIST 3132 The Reconstruction Era, 1863-1877..... 3 hours
HIST 3135 The U.S. in the Gilded Age and Progressive Era 1877-1917 ... 3 hours
HIST 3140 Themes of 20th Century U.S..... 3 hours
HIST 3150 War and Diplomacy 1898-Present..... 3 hours
HIST 3245 History through Film (relevant topics)..... 3 hours
HIST 3330 Business and Economic History of the U.S..... 3 hours
HIST 3420 Family History & Genealogical Resources..... 3 hours
HIST 3450 U.S. Military History..... 3 hours
HIST 3700 U.S. Historical Geography ..... 3 hours
HIST 4001 African American History ..... 3 hours
HIST 4003 Women's History..... 3 hours
HIST 4004 Environmental History ..... 3 hours
HIST 4010 U.S. Intellectual History ..... 3 hours
HIST 4020 History of the Old South..... 3 hours
HIST 4030 History of the New South ..... 3 hours
HIST 4440 Historical Exhibitions & Public Programming ..... 3 hours
HIST 4450 Intro to Historic Preservation..... 3 hours
HIST 4800 Selected Topics in History ..... 3 hours
HIST 4900 Independent Study in History .....variable credit

Required Upper Division World History Core ..... **9 Hours**
Select from among:
HIST 3210 The Twentieth Century World ..... 3 hours
HIST 3215 Latin American-U.S. Relations ..... 3 hours
HIST 3220 Latin American History ..... 3 hours
HIST 3225 Caribbean History ..... 3 hours
HIST 3230 History of Sub-Sahara Africa..... 3 hours
HIST 3240 History of Middle East and North Africa ..... 3 hours
HIST 3245 History through Film (relevant topics) ..... 3 hours
HIST 3250 Pre-Modern East Asian History..... 3 hours
HIST 3255 Modern East Asian History ..... 3 hours
HIST 3260 Pre-Modern South Asia History..... 3 hours
HIST 3265 Modern South Asian History ..... 3 hours
HIST 3270 Pre-Modern History of Russia ..... 3 hours
HIST 3275 Modern Russian History ..... 3 hours
HIST 3800 World Historical Geography..... 3 hours
HIST 4110 Ancient Greece & Rome ..... 3 hours
HIST 4115 Middle Ages ..... 3 hours
HIST 4120 Renaissance and Reformation..... 3 hours
HIST 4130 The Age of European Expansionism ..... 3 hours
HIST 4200 Nineteenth Century Europe ..... 3 hours
HIST 4250 History of World Religions..... 3 hours
HIST 4350 Modern World Intellectual History ..... 3 hours
HIST 4800 Selected Topics in History ..... 3 hours
HIST 4900 Independent Study in History .....variable credit

Upper Division Major Concentration.....**18-21 hours**
History majors must select one of the following five concentrations or choose a minor in another discipline:

1. Southern Studies Concentration.....21 hours
Select 3-4 courses:
HIST 3120 The Establishment of the U.S..... 3 hours

HIST 3125 Age of Jefferson and Jackson ..... 3 hours
HIST 3130 Sectionalism and the Civil War ..... 3 hours
HIST 3132 The Reconstruction Era ..... 3 hours
HIST 3135 Gilded Age and Progressive Era ..... 3 hours
HIST 3420 Family History & Genealogical Resources ..... 3 hours
HIST 3700 U.S. Historical Geography ..... 3 hours
HIST 4001 African American History ..... 3 hours

Required courses:

HIST 4020 History of the Old South ..... 3 hours
HIST 4030 History of the New South ..... 3 hours

Select 1-2 course(s):

ENGL 3410 African American Literature I ..... 3 hours
ENGL 3420 African American Literature II ..... 3 hours
ENGL 4130 Southern Literature ..... 3 hours
POLS 4422 African American Political Thought ..... 3 hours

2. World Cultures Concentration ..... 21 hours

Select 3 courses:

HIST 3210 The Twentieth Century World ..... 3 hours
HIST 3215 Latin American-U.S. Relations ..... 3 hours
HIST 3220 Latin American History ..... 3 hours
HIST 3225 Caribbean History ..... 3 hours
HIST 3230 History of Sub-Sahara Africa ..... 3 hours
HIST 3240 History of Middle East and North Africa ..... 3 hours
HIST 3245 History through Film (relevant topics) ..... 3 hours
HIST 3250 Pre-Modern East Asian History ..... 3 hours
HIST 3255 Modern East Asian History ..... 3 hours
HIST 3260 Pre-Modern South Asian History ..... 3 hours
HIST 3265 Modern South Asian History ..... 3 hours
HIST 3270 Pre-Modern History of Russia ..... 3 hours
HIST 3275 Modern Russian History ..... 3 hours

Select 1:

PHIL 4400 Philosophy of Culture ..... 3 hours
HUMN 3102 International Arts & Culture ..... 3 hours
HUMN 4800 - Selected Topics in Humanities ..... 3 hours
HIST 4800 Selected Topics in History ..... 3 hours

Required courses:

HIST 3800 World Historical Geography ..... 3 hours
HIST 4250 History of World Religions ..... 3 hours

Select 1:

CMS 3101 Media and Culture ..... 3 hours
CMS 3810 Women and Popular Culture ..... 3 hours
CMS 4500 Global Contexts in Communication & Media Studies ..... 3 hours
CMS 4810 Women & the Arts ..... 3 hours
FREN 3110 French Culture & Civilization ..... 3 hours
INTL 3800 Study Abroad ..... 3 hours
POLS 4452 Politics of Asia ..... 3 hours
POLS 4453 Politics of Africa ..... 3 hours
POLS 4454 Politics of the Middle East ..... 3 hours
POLS 4455 Politics of Latin America ..... 3 hours
SOCI 3310 Race & Ethnicity ..... 3 hours
SPAN 4334 Contemporary Spanish Culture ..... 3 hours
SPAN 4335 Latin America Culture & Civilization ..... 3 hours
WST 3400 Global Studies: Gender, Culture & Globalization ..... 3 hours

3. Archival Concentration.....21 hours
HIST 3901 Archival Internship I ..... 3 hours
HIST 3401 Introduction to Archival Theory and Practice..... 3 hours
HIST 3410 Introduction to Electronic Records..... 3 hours
HIST 3420 Family History and Genealogical Resources..... 3 hours
HIST 4401 Readings in Archival Studies..... 3 hours
HIST 4902 Archival Internship II ..... 3 hours
Select one additional relevant course as approved by advisor.

4. Public History Concentration .....21 hours

Take the following: .....6 hours
HIST 3901 Archival Internship I ..... 3 hours
HIST 4901 History Internship or HIST 4903 History Practicum..... 3 hours

Choose 5 of the following courses.....15 hours
HIST 3401 Introduction to Archival Theory and Practice..... 3 hours
HIST 3410 Introduction to Electronic Records..... 3 hours
HIST 3420 Family History and Genealogical Resources..... 3 hours
HIST 4440 Historical Exhibitions & Public Programming..... 3 hours
HIST 4450 Introduction to Historic Preservation..... 3 hours
HIST 4900 Independent Study in History .....variable credit

5. General History Concentration.....18-21 hours
Take 6-7 additional Upper Division (3000-4000 level) HIST

Major Related Electives..... **3-6 hours**
Select from among:
AFAM 3100 Harlem Renaissance..... 3 hours
AFAM3200 Black Arts Movement..... 3 hours
ART3310 19th and 20th Century Art … ..... 3 hours
ART 3401 American Art Visions ..... 3 hours
CMS 3200 History of Communication ..... 3 hours
CMS 3310 Film History ..... 3 hours
CMS 3340 National Cinemas ..... 3 hours
CMS 3810 Women & Popular Culture..... 3 hours
CMS4320 Women and Film ..... 3 hours
CMS 4330 Film Genres..... 3 hours
CRJU3420 Constitutional Law..... 3 hours
CRJU4426 Civil Liberties ..... 3 hours
ENGL 2111 World Literature I ..... 3 hours
ENGL 2112 World Literature II ..... 3 hours
ENGL 2121 British Literature I..... 3 hours
ENGL 2122 British Literature II..... 3 hours
ENGL 2131 American Literature ..... 3 hours
ENGL 2132 American Literature II..... 3 hours
ENGL 3200 History of English Language..... 3 hours
ENGL 3330 Women & Literature ..... 3 hours
ENGL 3410 African American Literature I ..... 3 hours
ENGL 3420 African American Literature II ..... 3 hours
ENGL 3501 Multicultural Literature..... 3 hours
ENGL3510 Caribbean Literature ..... 3 hours
ENGL 3620 Post-Colonial Literature..... 3 hours
ENGL 4100 American Colonial & Federal Literature..... 3 hours

ENGL 4110 American Romanticism ..... 3 hours
ENGL 4120 American Realism & Naturalism ..... 3 hours
ENGL 4130 Southern Literature ..... 3 hours
ENGL 4140 Modern American Literature ..... 3 hours
ENGL 4150 Contemporary American Literature ..... 3 hours
ENGL 4200 Medieval Literature ..... 3 hours
ENGL 4210 Renaissance Literature ..... 3 hours
ENGL4221 Seventeenth Century Literature ..... 3 hours
ENGL4222 Eighteenth Century Literature ..... 3 hours
ENGL 4241 Romantic Literature..... 3 hours
ENGL 4242 Victorian Literature..... 3 hours
ENGL 4250 Modern British Literature ..... 3 hours
FREN 3110 French Culture & Civilization I..... 3 hours
FREN 3120 French Culture & Civilization II..... 3 hours
FREN 4030 Introduction to French Literature ..... 3 hours
FREN 4200 The Francophone World..... 3 hours
HUMN 3101 The Humanities, Arts, and Society ..... 3 hours
HUMN 3102 International Arts and Culture ..... 3 hours
HUMN4800 Selected Topics in Humanities..... 3 hours
INTL 2800 Study Abroad..... credit varies
INTL 3800 Study Abroad..... credit varies
MUSC 2611 Music History I ..... 3 hours
MUSC 3101 History of Jazz ..... 3 hours
MUSC 3612 Music History II ..... 3 hours
MUSC 3613 Music History III ..... 3 hours
PHIL 3200 Ancient Philosophy ..... 3 hours
PHIL 3400 Medieval Philosophy ..... 3 hours
PHIL 3600 Modern Philosophy ..... 3 hours
PHIL 3800 Contemporary Philosophy ..... 3 hours
PHIL 4200 Philosophy of Religion ..... 3 hours
PHIL 4400 Philosophy of Culture..... 3 hours
POLS 3350 International Relations..... 3 hours
POLS 3360 The US Congress..... 3 hours
POLS 3370 The US Presidency ..... 3 hours
POLS 3382 Women & Politics ..... 3 hours
POLS 4420 Political Philosophy ..... 3 hours
POLS 4421 American Political Thought 1620-Present..... 3 hours
POLS 4422 African American Political Thought..... 3 hours
POLS4425 Constitutional Law..... 3 hours
POLS 4426 Civil Liberties ..... 3 hours
POLS 4427 Equal Rights in America ..... 3 hours
POLS 4450 American Foreign Policy..... 3 hours
POLS 4451 Politics of Europe ..... 3 hours
POLS 4452 Politics of Asia ..... 3 hours
POLS 4453 Politics of Africa ..... 3 hours
POLS 4454 Politics of Middle East ..... 3 hours
POLS 4455 Politics of Latin America ..... 3 hours
SOCI3130 Drugs and Society ..... 3 hours
SOCI 3310 Race and Ethnicity..... 3 hours
SOCI3450 Urban Soc/Soc of Inner City ..... 3 hours
SOCI3650 Social Movements ..... 3 hours
SOCI4153 Sociology of Aging ..... 3 hours
SPAN 4231 Intro to Spanish Literature ..... 3 hours
SPAN 4234 Intro to Contemporary Spanish Literature..... 3 hours
SPAN 4334 Contemporary Spanish Culture & Civilization ..... 3 hours

SPAN 4335 Latin Amer. Culture & Civil ..... 3 hours
THEA 3101 Theatre, Cinema, and Society..... 3 hours
THEA 4520 African American Theatre ..... 3 hours
WST3300 Women and Sport ..... 3 hours
WST3400 Gender, Culture &Globalization..... 3 hours
WST3410 U.S. Women of Colors ..... 3 hours

Free Elective.....**3 hours**
Another course from Related Electives list or any course numbered 2000 or higher (except PHED, WLAB, or courses identified in the catalog as career or institutional credit courses).

BACHELOR OF ARTS IN HISTORY SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. O ther courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
CRIT 1101*	Critical Thinking	3	PSYC 1101	Intro General Psychology	3
HIST 2111*	U.S. History to 1877	3	SPAN 1002	Elementary Spanish II	3
POLS 1101*	American Government	3	HIST 1111*	Pre-Modern World History	3
MATH 1101	Intro to Math Modeling	3	MATH 1231	Introductory Statistics	3
Total		***15***	***Total***		***15***

SOPHOMORE YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
SPAN 2001	Intermediate Spanish I	3	SPAN 2002	Intermediate Spanish II	3
HIST 1112*	Modern World History	3	BIOL 1112	Introductory Biology II	3
BIOL 1111	Introductory Biology I	3	HIST 2112*	U.S. since Reconstruction	3
BIOL 1111L	Intro to Biology Laboratory	1	HIST 2500*	Historical Methods	3
HIST 2750	Critical Issues & Trends	3	PHIL 2010	Into to World Philosophy	3
ECON 2105	Macroeconomics	3			
Total		***16***	***Total***		***15***

JUNIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
HIST 3001*	Historiography	3	HIST 3110*	Georgia History	3
HIST 3010*	Public History	3	HIST 3130	Civil War	3
HIST 3120	Establishment of the U.S.	3	HIST 3300	Business History	3

HIST 3150	War and Diplomacy	3	HIST 3220	Latin American History	3
HIST 3700	U.S. Historical Geography	3	HIST 4003	Women's History	3
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
PHIL 4400	Philosophy of Culture	3	HIST 4030	New South	3
HIST 4020	Old South	3	ENGL 3410	African American Literature	3
HIST 4001	African American History	3	HIST 4004	Environmental History	3
ENGL 4130	Southern Literature	3	SOCI 3310	Race and Ethnicity	3
HIST 4110	Ancient Greece & Rome	3	HIST 4850	Senior Thesis	3
Total		***15***	***Total***		***15***

BACHELOR OF ARTS IN HISTORY and SECONDARY EDUCATION DEGREE PROGRAM REQUIREMENTS

The Bachelor of Arts degree in History and Secondary Education has been approved by the Board of Regents.

Core Curriculum (Areas A - E).....**42 hours**
All History and Secondary Education Core Curriculum requirements are shown in the suggested degree program.

Lower Division Core Requirements (Core Curriculum Area F).....**15-18 hours**
World Language Option..... 0-3 hours
For History & Secondary Education majors, knowledge of a world language is strongly recommended.

Grades of C or better are required for all lower division HIST courses.

Lower Division Major Requirements .....15 hours
Select from among:
HIST 1111 or 1112 World History
(Whichever NOT taken in Area E2) ..... 3 hours
HIST 2111 or 2112 U. S. History
(Whichever NOT taken in Area E3) ..... 3 hours
HIST 2265 Minorities in American History..... 3 hours
HIST 2750 C ritical Trends & Issues in Recent World History..... 3 hours
HIST 2500 Historical Methods ..... 3 hours

Grades of C or better are required for all lower division HIST courses.

No grades of D in upper-division courses are allowed in the Secondary Education track of the History major. Upper-division courses are all courses other than those of Areas A through F of the core curriculum. 1000- or 2000-level courses used in the upper division are included in this restriction.

History Major Requirements.....**18 hours**
HIST 3001 Historiography..... 3 hours
HIST 3110 Georgia History and Government..... 3 hours

HIST 3700 U.S. Historical Geography ..... 3 hours
HIST 3800 World Historical Geography ..... 3 hours
HIST 4250 World Religions ..... 3 hours
HIST 3601 Methods/Strategies for Teaching History ..... 3 hours

Upper Division U.S. History Electives ..... **9 Hours**
Select from among:
HIST 3120 The Establishment of the U.S., 1607-1800 ..... 3 hours
HIST 3125 The Age of Jefferson and Jackson ..... 3 hours
HIST 3130 Sectionalism and the Civil War ..... 3 hours
HIST 3132 The Reconstruction Era, 1863-1877 .....3 hours
HIST 3135 The U.S. in the Gilded Age and Progressive Era 1877-1917 ... 3 hours
HIST 3140 Themes in U.S. 20th Century ..... 3 hours
HIST 3150 War and Diplomacy 1898-Present ..... 3 hours
HIST 3330 Business and Economic History of the U.S. ..... 3 hours
HIST 3450 U.S. Military History ..... 3 hours

Upper Division World History Electives ..... **9 Hours**
Select from among:
HIST 3210 The Twentieth Century World ..... 3 hours
HIST 3220 Latin American History ..... 3 hours
HIST 3230 History of Sub-Sahara Africa ..... 3 hours
HIST 3240 History of Middle East and North Africa ..... 3 hours
HIST 3255 Modern East Asian History ..... 3 hours
HIST 3265 Modern South Asian History ..... 3 hours
HIST 3275 Modern Russian History ..... 3 hours
HIST 4130 The Age of European Expansionism ..... 3 hours
HIST 4200 Nineteenth Century Europe ..... 3 hours

Secondary Teacher Education Emphasis Area ..... **27 Hours**
EDUC 2110 Investigating Critical/Contemp. Issues ..... 3 hours
EDUC 2120 Exploring Socio-Culture ..... 3 hours
EDUC 2130 Exploring Teaching & Learning ..... 3 hours
EDUC 3030 Exploring-Exceptional Learner ..... 3 hours
EDUC 3200 Secondary School Curriculum and Assessment ..... 3 hours
EDUC 3210 Classroom Methods and Management ..... 3 hours
EDUC 4003 Secondary Level Seminar ..... 1 hour
EDUC 4730 Secondary Level Internship ..... 8 hours

BACHELOR OF ARTS IN HISTORY and SECONDARY EDUCATION SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. O ther courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
CRIT 1101*	Critical Thinking	3	PSYC 1101	Intro General Psychology	3
HIST 2111*	U.S. History to 1877	3	SPAN 1002	Elementary Spanish II	3
POLS 1101*	American Government	3	HIST 1111*	Pre-Modern World History	3
MATH 1101	Intro to Math Modeling	3	MATH 1231	Introductory Statistics	3

SPAN 1001	Elementary Spanish I	3	EDUC 2110*	Investigating Critical/Contemp. Issues	3
Total		***18***	***Total***		***18***

SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
EDUC 2120	Exploring Socio-Culture	3	EDUC 2130	Exploring Teaching & Learning	3
HIST 1112*	Modern World History	3	BIOL 1112	Introductory Biology II	3
BIOL 1111	Introductory Biology I	3	HIST 2112*	U.S. since Reconstruction	3
BIOL 1111L	Intro to Biology Laboratory	1	HIST 2500*	Historical Methods	3
HIST 2750*	Critical Issues & Trends	3	PHIL 2010	Into to World Philosophy	3
HIST 2265*	Minorities in American History	3	MUSC 2101	Music Appreciation	3
Total		***16***	***Total***		***18***

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
EDUC 3200*	Secondary School Curriculum and Assessment	3	HIST 3110*	Georgia History	3
HIST 4250*	World Religions	3	HIST 3130	Civil War	3
HIST 3120	Establishment of the U.S.	3	EDUC 3030*	Exploring-Exceptional Learner	3
HIST 3150	War and Diplomacy	3	HIST 3220	Latin American History	3
EDUC 3210*	Classroom Methods and Management	3	HIST 3700*	U.S. Historical Geography	3
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
HIST 3001*	Historiography	3	EDUC 4003*	Secondary Level Seminar	1
HIST 3601*	Methods/Strategies Teaching History	3	EDUC 4730*	Secondary Level Internship	8
HIST 3800*	World Historical Geography	3			
HIST 3230	History of Sub-Sahara Africa	3			
HIST 4110	Ancient Greece & Rome	3			
Total		***15***	***Total***		

Minor Program in History

The objectives of the history minor are:

- To help prepare students for professional careers and advanced study in political science, law, teaching and a myriad of other public and private sector positions;
- To offer an opportunity for students to broaden their education and to pursue their interests in history but who choose to major in another discipline, perhaps completely unrelated to history;
- To provide students with a way of thinking about the human experience over time, to reason systematically, to examine critically the relationships among people and events, and to reach thoughtful judgments about human affairs;
- To offer Clayton State students in other major degree programs minor concentration course options similar to those provided at other system institutions with history four-year degree and minor programs.

HISTORY MINOR PROGRAM REQUIREMENTS

Lower Division Requirements ..... **6 hours**
HIST 2500 Historical Methods
HIST 2750 Critical Issues & Trends in Recent World History

Upper Division Electives ..... **12 hours**
Select four 3000-4000 level HIST courses (at least one course must be from Required Upper Division World History Core).

Total Program Requirements ..... **18 hours**

Bachelor of Arts in Philosophy

The Philosophy major provides students with skills that will enhance their performance whatever their courses of study or career aims. The hallmark of philosophy is the attempt to think with rigor, clarity, and creativity about difficult and enduring questions: Who am I? What can I know? How should I act? In coming to understand and think philosophically about such questions, students learn to think more clearly and deeply about any question, enabling them to do whatever they choose to do, only better. Graduates often pursue careers in law, management, politics, business, social work, marketing, art, journalism, education, public administration, and religion. For those interested in advanced study, philosophy graduates are among the top scorers on graduate and professional admission exams (SAT, GRE, GMAT, MCAT).

I. General Education 42 hours

II. Lower Division Requirements for Major (Area F) ..... 18 hours
PHIL 2010 Introduction to World Philosophy ..... 3 hours
PHIL 2030 Ethics in Historical & Contemporary Perspective ..... 3 hours
PHIL 2040 Introduction to Aesthetics ..... 3 hours
1000- or 2000-level courses from: ..... 9 hours
AFAM, ART, BIOL, CHEM, CMS, COMM, CRJU, ECON, EDUC, ENGL, FREN, HIST, HUMN, INTL, MATH, MUSC, PARA, PHIL, PHYS, POLS, PSYC, SOSC, SOCI, SPAN, THEA, or WST

III. Upper Division Requirements for Major

A. Core Requirements (4 courses) ..... 12 hours
PHIL 3200 Ancient Philosophy ..... 3 hours
PHIL 3400 Medieval Philosophy ..... 3 hours
PHIL 3600 Modern Philosophy ..... 3 hours
PHIL 3800 Contemporary Philosophy ..... 3 hours

B. Philosophy Electives (2-5 courses) ..... 6-15 hours
PHIL 4200 Philosophy of World Religion ..... 3 hours
PHIL 4400 Philosophy of Culture ..... 3 hours
PHIL 4600 Logic & Philosophy ..... 3 hours
PHIL 4800 Senior Topics Seminar ..... 3 hours
PHIL 4900 Directed Study in Philosophy ..... 3 hours
PHIL 5000 Classics of Philosophy* ..... 3 hours

C. Optional Law Concentration (4 courses) ..... 12 hours
BLAW 3370 Intermediate Business Law ..... 3 hours
CRJU 3100 Criminology3 hours ..... 3 hours
CRJU 3110 Race and Crime ..... 3 hours
CRJU 3410 Survey of Criminal Law and Procedures ..... 3 hours
CRJU 3420 Constitutional Law ..... 3 hours
CRJU 4200 Criminal Justice Ethics ..... 3 hours
CRJU 4410 Comparative Criminal Justice ..... 3 hours
CRJU 4424/POLS 4424 Judicial Process ..... 3 hours
CRJU 4426/POLS 4426 Civil Liberties ..... 3 hours
HIST 3150 War and Diplomacy 1898-Present ..... 3 hours
HIST 4004 Environmental History ..... 3 hours
HSCI 3520 Legal Issues in Health Care ..... 3 hours
PARA designated approved courses ..... 3 hours
POLS 4420 Political Philosophy ..... 3 hours
POLS 4421 American Political Thought 1620-Present ..... 3 hours
POLS 4422 African-American Political Thought ..... 3 hours
POLS 4425 Constitutional Law ..... 3 hours
POLS 4427 Equal Rights in America ..... 3 hours

D. Optional Ethical Studies Concentration (4 courses) ..... 12 hours
AFAM 3510 Black Feminist/Womanist Theory ..... 3 hours
COMM 4510 Intercultural Communication ..... 3 hours
CRJU 4200 Criminal Justice Ethics ..... 3 hours
ENGL 3501 Multicultural Literature ..... 3 hours
HIST 3150 War and Diplomacy 1898-Present ..... 3 hours
HIST 4001 African-American History ..... 3 hours
HIST 4003 Women's History ..... 3 hours
HIST 4004 Environmental History ..... 3 hours
HIST 4250 History of World Religions ..... 3 hours
HSCI 3550 Ethical Issues in Health Care ..... 3 hours
PSYC 3130 Social Psychology ..... 3 hours
PSYC 3180 Cross-Cultural Psychology ..... 3 hours
PSYC 3300 Applied Ethics in the Helping Professions ..... 3 hours
PSYC 4160 Death and Dying ..... 3 hours
SOCI 3310 Race and Ethnicity ..... 3 hours
SOCI 3320 Social Inequality and Stratification ..... 3 hours
SOCI 3410 Sociology of Religion ..... 3 hours
WST 3400 Gender, Culture, and Globalization ..... 3 hours

WST 3410 U.S. Women of Color ..... 3 hours
WST 3500 Feminist Theory ..... 3 hours

E. Major-Related Courses ..... 9-42 hours
ART 3101 Contemporary Art ..... 3 hours
ART 3401 American Art Visions ..... 3 hours
BLAW 3370 Intermediate Business Law ..... 3 hours
CMS 3101 Media and Culture ..... 3 hours
CMS 3200 History of Communication ..... 3 hours
CMS 3810 Women & Popular Culture ..... 3 hours
CMS 4310 Film Analysis and Criticism ..... 3 hours
CMS 4500 Global Contexts in CMS ..... 3 hours
CMS 4810 Women & the Arts ..... 3 hours
COMM 4510 Intercultural Communication ..... 3 hours
CRJU 3100 Criminology ..... 3 hours
CRJU 3110 Race and Crime ..... 3 hours
CRJU 3410 Survey of Criminal Law and Procedures ..... 3 hours
CRJU 3420 Constitutional Law ..... 3 hours
CRJU 4200 Criminal Justice Ethics ..... 3 hours
CRJU 4410 Comparative Criminal Justice ..... 3 hours
CRJU 4424/POLS 4424 Judicial Process ..... 3 hours
CRJU 4426/POLS 4426 Civil Liberties ..... 3 hours
ENGL 3150 Shakespeare ..... 3 hours
ENGL 3200 History of the English Language ..... 3 hours
ENGL 3300 Women & Literature ..... 3 hours
ENGL 3410 African American Literature I ..... 3 hours
ENGL 3420 African American Literature II ..... 3 hours
ENGL 3501 Multicultural Literature ..... 3 hours
ENGL 4011 Critical Theory ..... 3 hours
FREN 3110 French Culture & Civilization I ..... 3 hours
FREN 3120 French Culture & Civilization II ..... 3 hours
FREN 4030 Introduction to French & Francophone Literature ..... 3 hours
FREN 4200 The Francophone World ..... 3 hours
HIST 3150 War and Diplomacy 1898-Present ..... 3 hours
HIST 3210 Twentieth Century World ..... 3 hours
HIST 3500 Selected Topics in World History ..... 3 hours
HIST 4001 African American History ..... 3 hours
HIST 4003 Women's History ..... 3 hours
HIST 4004 Environmental History ..... 3 hours
HIST 4100 Origins of the Western World ..... 3 hours
HIST 4120 Renaissance, Reformation, & Rise of the Nation State ..... 3 hours
HIST 4130 Age of European Expansionism & Industrialization ..... 3 hours
HIST 4250 History of World Religions ..... 3 hours
HSCI 3520 Legal Issues in Health Care ..... 3 hours
HSCI 3550 Ethical Issues in Health Care ..... 3 hours
MUSC 3612 Music History II ..... 3 hours
MUSC 3613 Music History III ..... 3 hours
PHYS 3650 Modern Physics ..... 3 hours
PHYS 4110 Conceptual Astronomy ..... 3 hours
POLS 4420 Political Philosophy ..... 3 hours
POLS 4421 American Political Thought ..... 3 hours
POLS 4422 African American Political Thought ..... 3 hours
POLS 4425 Constitutional Law ..... 3 hours
POLS 4426 Civil Liberties ..... 3 hours
POLS 4427 Equal Rights in America ..... 3 hours

PSYC 3130 Social Psychology..... 3 hours
PSYC 3180 Cross-Cultural Psychology..... 3 hours
PSYC 3300 Applied Ethics in the Helping Professions..... 3 hours
PSYC 3350 Abnormal Psychology..... 3 hours
PSYC 3520 Theories of Personality..... 3 hours
PSYC 4130 Introduction to Cognitive Psychology..... 3 hours
PSYC 4160 Death and Dying..... 3 hours
PSYC 4170 Advanced Theories: Psychoanalytic & Existential..... 3 hours
SOCI 3310 Race & Ethnicity..... 3 hours
SOCI 3320 Social Inequality and Stratification..... 3 hours
SOCI 3410 Sociology of Religion..... 3 hours
SPAN 4231 Introduction to Spanish-American Literature..... 3 hours
SPAN 4234 Introduction to Contemporary Spanish Literature..... 3 hours
SPAN 4334 Contemporary Spanish Culture & Civilization..... 3 hours
SPAN 4335 Latin American Culture & Civilization..... 3 hours
STAB 3800 Study Abroad..... 3 hours
STAB 3900 Special Topics in International Studies..... 3 hours
WST 3400 Gender, Culture, and Globalization..... 3 hours
WST 3500 Feminist Theory..... 3 hours
WST 4800 Special Topics in Women's Studies..... 3 hours

Double majors may be able to satisfy this section via coursework for the second major.
Up to 18 hours of lower division coursework may be applied here, via approved course substitutions.

TOTAL.....120 HOURS

BACHELOR OF ARTS IN PHILOSOPHY SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. O ther courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
CRIT 1101*	Critical Thinking	3	PHIL 2010 (In Area F)	Intro World Philosophy	3
COMM 1110	Spoken Communication	3	MATH 1231	Introductory Statistics	3
PSYC 1101 or SOCI 1101	Intro General Psychology Intro Sociology	3	POLS 1101*	American Government	3
ENGL 2111 or 2112	World Literature Pre-Modern or Modern	3	MATH 1101 (or higher)	Intro to Math Modeling	3
Total		***15***	***Total***		***15***

SOPHOMORE YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
PHIL 2040 (In Area F)	Intro Aesthetics	3	PHIL 2030 (In Area F)	Ethics in Historical and Contemp. Pers.	3

SPAN/FREN 2001	Intermediate Spanish/French	3	ART 2301	Art of Pre-Modern World	3
BIOL 1111	Introductory Biology I	3	BIOL 1112	Intro Biology II	3
BIOL 1111l	Intro Biology Laboratory	1	THEA 1100	Intro Theatre	3
HIST 2111	US History to 1877	3	SOCI 1101	Intro Sociology	3
WST 2500	Intro Women's Studies	3			
Total		***16***	***Total***		***15***

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
PHIL 3200	Ancient Philosophy	3	PHIL 3400	Medieval Philosophy	3
	PHIL Major-related Course	3		PHIL Major-related Course	3
	PHIL Major-related Course	3		PHIL Major-related Course	3
	Open Elective	3		PHIL Major-related Course	3
	Open Elective	3		Open Elective	3
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
PHIL 3600	Modern Philosophy	3	PHIL 3800	Contemporary Philosophy	3
PHIL 4200	Philosophy of Religion	3	PHIL 4400	Philosophy of Religion	3
	PHIL Major-related Course	3		PHIL Major-related Course	3
	PHIL Major-related Course	3		Open Elective	3
	Open Elective	3		Open Elective	3
Total		***15***	***Total***		***15***

Minor Program in Philosophy

The Philosophy minor will provide students with skills that will enhance their academic performance whatever their major course of study and whatever their career aim. The hallmark of philosophy is the attempt to think with rigor and clarity about difficult and enduring questions: Who am I? What can I know? How should I act? In coming to understand and think philosophically about such questions, students develop the ability to think more clearly and deeply about any question. So, the study of philosophy, in itself often abstract and theoretical, pays dividends of the most practical sort, enabling the student to do whatever s/he chooses to do, better. Moreover, the philosophy minor gives the student's academic record something distinctive, which is attractive to potential employers.

To fulfill a minor in Philosophy, students must complete a minimum of 18 semester hours of coursework with at least 9 hours of upper-division coursework. Students will choose from among 8 upper division courses and 3 lower division courses to complete the 18 hours required for the minor in Philosophy. Pre-requisites for the upper division courses will be Critical Thinking 1101, English 1101 & 1102, and either Philosophy 2201, 2401, or 2601.

PHILOSOPHY MINOR PROGRAM REQUIREMENTS

Lower Division Requirements (Choose at least two from the following): ..... 6-9 hours
PHIL 2010 Introduction to World Philosophy ..... 3 hours
PHIL 2030 Introduction to Aesthetics ..... 3 hours
PHIL 2040 Ethics in Historical & Contemporary Perspective ..... 3 hours

Upper Division Courses (Choose at least three from the following): ..... 9-12 hours
PHIL 3200 Ancient Philosophy ..... 3 hours
PHIL 3400 Medieval Philosophy ..... 3 hours
PHIL 3600 Modern Philosophy ..... 3 hours
PHIL 3800 Contemporary Philosophy ..... 3 hours
PHIL 4200 Philosophy of World Religions..... 3 hours
PHIL 4400 Philosophy of Culture ..... 3 hours
PHIL 4600 Logic & Philosophy ..... 3 hours
PHIL 4900 Directed Study in Philosophy ..... 3 hours

Total Program Requirements ..... 18 hours

Minor Program in French

The Department of Humanities offers two minors in world languages: French and Spanish. These minors will enhance listening, oral, writing, and reading, speaking, and cultural expertise of students in the target language. They will supplement students' degrees in other programs offered at the University and in graduate school programs, they will help prepare students to engage effectively with the world in varied ways, and they will enhance students' career opportunities.

FRENCH MINOR PROGRAM REQUIREMENTS

Lower Division Prerequisite ..... 3 hours
Completion of FREN 2002 with a C or better.

Upper Division Electives ..... 12 hours
Select from FREN 3000, FREN 3101, FREN 3110, FREN 3120, FREN 3999, FREN 4030, FREN 4200, or FREN 4999.

Total Program Requirements ..... 15 hours

Minor Program in Spanish

Lower Division Prerequisite ..... 3 hours
Completion of SPAN 2002 with a C or better.

Upper Division Electives ..... 12 hours

Select from SPAN 3131, SPAN 3530, SPAN3529, SPAN 3999, SPAN 4231, SPAN 4234, SPAN 4334, SPAN 4335, SPAN 4800, SPAN 4999.

Total Program Requirements ..... **15 hours**

Department of Interdisciplinary Studies

ADMINISTRATIVE OFFICER

LaJuan Simpson-Wilkey, *Department Chair*

FACULTY/ACADEMIC PROFESSIONAL

Virginia Bass, *Degree Completion*
Christie H. Burton, Bachelor of *Applied Sciences*
Xueyu Cheng, *Interdisciplinary Studies*
Shannon M. Cochran, *Interdisciplinary Studies/English*
Thomas Garsombke, *Bachelor of Applied Sciences*
Ebony Gibson, *Interdisciplinary Studies/English*
Vangela Humphries, *Interdisciplinary Studies/Advisor*
Bryan LaBrecque, *Bachelor of Applied Sciences*
LeBrian Patrick, *Interdisciplinary Studies/Social Sciences*
LaJuan Simpson-Wilkey, *Interdisciplinary Studies/English*
J. Celeste Walley-Jean, *Integrative Studies/Psychology*

MISSION AND GOALS

The Department of Interdisciplinary Studies offers unique programs that allow students to construct a curriculum using their prior knowledge to propel them to reach their personal, professional and educational goals. Our multifaceted department has multiple degrees that allow students to complete their degrees traditionally or through distance learning to adequately prepare students from diverse populations and ge ographical areas to compete in a rapidly changing workforce. As we prepare students for their career goals, we seek to provide a curriculum that cultivates and sustains a viable relationship between the academy and the community.

The Department of Interdisciplinary Studies is responsible for the following programs and courses:

- Bachelor of Science (B.S.) & AA/AS degrees in Integrative Studies.
- Bachelor of Arts (B.A.) degree in Liberal Studies
- Minor in Women's Studies
- Minor in African American Studies
- Minor in Aviation Administration
- Bachelor of Applied Science (B.A.S.) Administrative Management and Technology Management

Associate of Arts/Science in Integrative Studies

Core Curriculum (Areas A - E).....**42 hours**
All Integrative Studies Core Curriculum requirements are shown in the suggested degree program.

Lower Division Core Requirements (Core Curriculum Area F).....**18 hours**

Humanities ..... 3-9 hours
Any 1000- or 2000-level courses with the following prefixes: AFAM, ART, CMS, COMM, ENGL, FREN, HIST, MUSC, PHIL, SPAN, THEA, and WST.
Social Sciences ..... 3-9 hours
Any 1000- or 2000-level courses with the following prefixes: AFAM, CRJU, ECON, EDUC, POLS, PSYC, SOCI and WST.
Natural Sciences and Mathematics ..... 0-6 hours
Any 1000- or 2000-level MATH courses numbered 1113 or higher not already applied to Areas A or D and/or any 1000- or 2000-level BIOL, CHEM, or PHYS, or other science courses not already applied to Area D.
Area Major Courses.....0-12 hours
Courses from Area F of any major that have not been used to satisfy other Core Curriculum category requirements.

Bachelor of Arts in Liberal Studies

The Bachelor of Arts in Liberal Studies program provides the opportunity for a student to work with an advisor to design a curriculum that meets the student's career and educational needs. This flexibility enables students to develop academic programs that meet the ever-changing requirements of the world of work. A Bachelor of Arts in Liberal Studies can also be designed to prepare students for graduate school in Clayton State University's Master of Arts in Liberal Studies.

ADMISSION AND READMISSION REQUIREMENTS

Before beginning upper-division study in Liberal Studies, applicants must
1. Have completed 45 semester credit hours;
2. Have achieved an overall institutional Grade Point Average (GPA) of at least 2.00;
3. Have completed ENGL 1101 and ENGL 1102 with a grade of A, B, C, or K.

BACHELOR OF ARTS IN LIBERAL STUDIES DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**
All Bachelor of Arts in Liberal Studies Core Curriculum requirements are shown in the suggested degree program.

Lower Division Core Requirements (Core Curriculum Area F).....**18 hours**
Humanities ..... 3-9 hours
Any 1000- or 2000-level courses with the following prefixes: AFAM, ART, CMS, COMM, ENGL, FREN, HIST, MUSC, PHIL, SPAN, THEA, and WST.
Social Sciences ..... 3-9 hours
Any 1000- or 2000-level courses with the following prefixes: AFAM, CRJU, ECON, EDUC, POLS, PSYC, SOCI, and WST.

Natural Sciences and Mathematics ..... 0-6 hours
Any 1000- or 2000-level MATH numbered 1113 or higher not already applied to Areas A or D and/or any 1000- or 2000-level BIOL, CHEM, or PHYS, or other science courses not already applied to Area D.

Area Major Courses.....0-12 hours
Courses from Area F of any major that have not been used to satisfy other Core Curriculum category requirements.

No more than two grades of D in upper-division courses are allowed in the Liberal Studies major. Upper-division courses are all courses other than those of Areas A through F of the core curriculum. 1000- or 2000-level courses used in the upper division are included in this restriction. A grade of C or higher is required in all BALS courses.

Upper Division Required Courses.....**3 hours**
BALS 3901, Liberal Studies Practicum/Internship ..... 3-9 hours
Students may take up to 9 hours of BALS 3901, but students may only register for 1 semester of BALS 3901 per semester. Additional terms of BALS 3901 will be applied in the upper division.

Upper Division Area Major Courses.....**57 hours**
The Bachelor of Arts in Liberal Studies requires students to complete a Clayton State minor program in Arts & Sciences (African American Studies, English, Women's Studies, History, Communication & Media Studies, Philosophy, Political Science, Chemistry, etc.) Additional courses may be drawn from any field, but must be in the student's advised program of study. If a student completes multiple minors, in order to obtain a BALS, the primary minor must be in the College of Arts and Sciences. Fulfilling the requirements for a minor enables students to claim a minor area of expertise as they move toward achieving career and academic goals. No more than 18 hours of 1000-2000 level coursework may be applied to this category.

Courses designed for the BAS degrees may not fulfill requirements: , AVEL, AVMT, CAPL, CITZ, CNET, DSGN, ELEC, EMS, HDSK, OFFC, SUPR, and TECH. Other courses which do not apply: CCSU, PHED, Learning Support courses, Regents Testing remediation courses, WLAB and courses designed specifically for other majors, such as Internships for other majors.

Total Degree Requirements.....**120 hours**

Other Program-Specific Graduation Requirements

1. A minimum of 42 hours must be completed in upper-division courses.
2. All BALS courses must be taken in residence at Clayton State.
3. A grade of *C* or higher is required in all BALS courses.
4. Up to 9 hours of Cross-Registration in the Atlanta Regional Consortium for Higher Education, study abroad, or distance learning may be counted as in-residence if the courses are approved in advance as part of the student's Integrative Studies program of study.

BACHELOR OF ARTS IN LIBERAL STUDIES SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. O ther courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
CRIT 1101*	Critical Thinking	3	ART 2301	Art - Pre-Modern World	3
MATH 1101	Intro to Math Modeling	3	COMM 1001*	Presentational Speaking	1
PSYC 1101	Intro General Psychology		COMM 1002*	Presentation Applications	1
Or SOCI 1101	Introduction to Sociology	3	POLS 1101*	American Government	3
HIST 2111	US History to 1877		HIST 1111	Pre-Modern World History	
Or HIST 2112	US Since Reconstruction	3	*Or* HIST 1112	Survey of Modern History	3
Total		***15***	***Total***		***14***

SOPHOMORE YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 2111	World Literature I	3	SCI 1901*	Selected Topics in Science	3
BIOL 1111	Introductory Biology I	3	BIOL 1112	Introductory Biology II	3
BIOL 1111L	Intro to Biology Laboratory	1		Lower Division Courses	6
	Lower Division Courses	9		Minor Course	3
Total		***16***	***Total***		***15***

JUNIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
	Upper Division and Minor Courses	12	BALS 3901*	Practicum/Internship	3
		3		Upper Division and Minor Courses	12
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
	Upper Division and Minor Courses	15		Upper Division and Minor Courses	15
Total		***15***	***Total***		***15***

Bachelor of Science in Integrative Studies

The Integrative Studies program provides the opportunity for a student to work with an advisor to design a curriculum that meets the student's career and

educational needs. T his flexibility enables students to develop academic programs that meet the ever-changing requirements of the world of work. A Bachelor of Science in Integrative Studies can also be designed to prepare students for graduate school in certain disciplines and professions.

ADMISSION AND READMISSION REQUIREMENTS

Before beginning upper-division study in Integrative Studies, applicants must

1. Have completed 45 semester credit hours;
2. Have achieved an overall institutional Grade Point Average (GPA) of at least 2.00;
3. Have completed ENGL 1101 and 1102 with a grade of A, B, C, or K.

BACHELOR OF SCIENCE IN INTEGRATIVE STUDIES DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**
All Integrative Studies Core Curriculum requirements are shown in the suggested degree program.

Lower Division Core Requirements (Core Curriculum Area F).....**18 hours**

Humanities..... 3-9 hours
Any 1000- or 2000-level courses with the following prefixes: AFAM, ART, CMS, COMM, ENGL, FREN, HIST, MUSC, PHIL, SPAN, THEA, and WST.

Social Sciences..... 3-9 hours
Any 1000- or 2000-level courses with the following prefixes: AFAM, CRJU, ECON, EDUC, POLS, PSYC, SOCI, and WST.

Natural Sciences and Mathematics ..... 0-6 hours
Any 1000- or 2000-level MATH courses numbered 1113 or higher not already applied to Areas A or D and/or any 1000- or 2000-level BIOL, CHEM, or PHYS, or other science courses not already applied to Area D.

Area Major Courses.....0-12 hours
Courses from Area F of any major that have not been used to satisfy other Core Curriculum category requirements.

Note: To be awarded an AA in Integrative Studies, twelve (12) of the eighteen required hours in Area F must draw from 1000-2000 level Social Sciences and Humanities courses. To be awarded an AS in Integrative Studies, twelve (12) of the eighteen required hours in Area F must draw from 1000-2000 level Natural Sciences and Mathematics courses.

No more than two grades of D in upper-division courses are allowed in the Integrative Studies major. Upper-division courses are all courses other than those of Areas A through F of the core curriculum. 1000- or 2000-level courses used in the upper division are included in this restriction. A grade of C or higher is required in all INTE courses.

Upper Division Required Courses.....**3 hours**
INTE 3901, Integrative Studies Practicum/Internship..... 3-9 hours

Students may take up to 9 hours of INTE 3901, but students may only register for 1 semester of INTE 3901 per semester. Additional terms of INTE 3901 will be applied in the upper division.

Upper Division Area Major Courses.....**57 hours**
The Bachelor of Science in Integrative Studies requires students to complete a minimum of five (5) upper-division (3000-4000 level) courses in a single disciplinary area or related course groupings as approved by the Integrative Studies Coordinator/Director (e.g., HLTH, HCMG, HFMG, etc.) Additional courses may be drawn from any field, but must be in the student's advised program of study. Students may also obtain the Bachelor of Science in Integrative Studies degree by completing a Minor in a discipline other than those housed in Arts and Sciences. Fulfilling the courses in a single disciplinary area allows students to claim a strong knowledge base in an area of their choice which helps to move them toward achieving their academic and career goals. No more than 18 hours of 1000-2000 level coursework may be applied to this category.

Courses designed for the BAS degrees may not fulfill requirements: , AVEL, AVMT, CAPL, CITZ, CNET, DSGN, ELEC, EMS, HDSK, OFFC, and TECH. Other courses which do not apply: CCSU, PHED, Learning Support courses, Regents Testing remediation courses, WLAB and courses designed specifically for other majors, such as Internships for other majors.

Total Degree Requirements.....**120 hours**

Other Program-Specific Graduation Requirements

1. A minimum of 42 hours must be completed in upper-division courses.
2. All INTE courses must be taken in residence at Clayton State.
3. A grade of *C* or higher is required in all INTE courses.
4. Up to 9 hours of Cross-Registration in the Atlanta Regional Consortium for Higher Education, study abroad, or distance learning may be counted as in-residence if the courses are approved in advance as part of the student's Integrative Studies program of study.

BACHELOR OF SCIENCE IN INTEGRATIVE STUDIES SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. Other courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
CRIT 1101*	Critical Thinking	3	ART 2301	Art - Pre-Modern World	3
MATH 1101	Intro to Math Modeling	3	COMM 1001*	Presentational Speaking	1
PSYC 1101	Intro General Psychology		COMM 1002*	Presentation Applications	1
Or SOCI 1101	Introduction to Sociology	3	POLS 1101*	American Government	3
HIST 2111	US History to 1877		HIST 1111	Pre-Modern World History	
Or HIST 2112	US Since Reconstruction	3	*Or* HIST 1112	Survey of Modern History	3

Total		***15***	***Total***		***14***

SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 2111	World Literature I	3	SCI 1901*	Selected Topics in Science	3
BIOL 1111	Introductory Biology I	3	BIOL 1112	Introductory Biology II	3
BIOL 1111L	Intro to Biology Laboratory	1		Lower Division Courses	9
	Lower Division Courses	9			
Total		***16***	***Total***		***15***

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
	Upper Division Courses	15	INTE 3901*	Practicum/Internship	3
				Upper Division Courses	12
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
	Upper Division Courses	15		Upper Division Courses	15
Total		***15***	***Total***		***15***

Bachelor of Applied Science in Administrative Management

The Bachelor of Applied Science in Administrative Management provides career advancement opportunities for individuals employed (or seeking employment) in a wide variety of corporate, business and office environments. Like all B.A.S. programs, the Administrative Management major builds upon the technical education acquired through an associate degree in a career field. For the Administrative Management major, the associate degree or career courses should be in an office- or business-related field, such as office administration, secretarial studies, merchandising, paralegal studies, or business data processing. We offer the following concentrations in the Administrative Management major: Applied Criminal Justice, Organizational Leadership, and Homeland Security/Emergency Management AND Applied Criminal Justice.

BACHELOR OF APPLIED SCIENCE IN ADMINISTRATIVE MANAGEMENT DEGREE PROGRAM REQUIREMENTS

BAS Program Requirements:

1. Student must have minimum overall GPA (as defined by Banner) of 2.0 at time of application
2. The student must satisfy one of the two career course requirements prior to being admitted to BAS program:

a. Must have an AAS or AAT (Career Associate Degree) from a regionally accredited college or university OR
b. Must have at least 38 semester credit hours of professional/technical courses from a regionally accredited college or university with a grade of C or higher and 21 of these 38 hours must be in one professional/technical area. If the student has 30-37 professional/technical courses, he/she will need to take additional courses to satisfy the 38 hour requirement; the student's advisor will recommend appropriate courses.

Core Curriculum (Areas A - E).....**42 hours**

Lower Division Career Courses .....**38 hours**
Program specific courses are taken as part of the career associate degree at Clayton State University or another institution.

No grades of D in upper-division courses are allowed in the Administrative Management major. Grades of D are also prohibited in certain lower-division courses that are used for upper division course exemptions (see notes regarding TECH 3111 and TECH 3112). Upper-division courses are all courses other than those of Areas A through E of the core curriculum and Lower Division Career Courses. 1000- or 2000-level courses used in the upper division are included in this restriction.

Organizational Leadership Concentration

Upper Division Major Requirements .....**40 hours**

Required in all concentrations .....16 hours
ENGL 3900 Professional and Technical Writing
or COMM 3300 Interpersonal Communications..... 3 hours
TECH 3101 Supervision for the Workplace..... 3 hours
TECH 3104 Ethics for Administrative and Technology Managers ..... 3 hours
TECH 3111 Applied Economics*..... 3 hours
TECH 4115 Global Technology..... 3 hours
TECH 4850 Capstone Seminar for Administrative & Technology Managers ..... 1 hour

Organizational Leadership Concentration .....15 hours
TECH 3112 Applied Accounting **..... 3 hours
TECH 3115 Legal Issues for Administrative & Technology Managers..... 3 hours
TECH 3160 Technology Entrepreneurship……3 hours
TECH 4101 Human Resources for Administrative and Technology Managers ..... 3 hours
TECH 4111 Leadership for Administrative & Technology Managers ..... 3 hours

Related Electives (select two courses) .....6 hours
AVIA 3120 Fleet Planning & Scheduling..... 3 hours
AVIA 3130 Leadership in the Aviation Industry ..... 3 hours
AVIA 3140 Aviation Safety..... 3 hours
AVIA 4120 Introduction to Airport Operations..... 3 hours
AVIA 4130 Aviation Labor Relations..... 3 hours
FINA 3100 Personal Financial Management..... 3 hours

HMSV 3010 Introduction to Health & Human Services ..... 3 hours
HCMG 3101 Introduction to Health Systems Management..... 3 hours
HCMG 3112/3112L Introduction to Allied Health Administration ..... 3 hours
HFMG 3110 Personal Health & Wellness ..... 3 hours
MGMT 3101 Management Principles & Organizational Behavior ..... 3 hours
MGMT 3520 Negotiation & Dispute Resolution in Business..... 3 hours
MGMT 4520 Women in Leadership..... 3 hours
MKTG 3100 Personal Marketing ..... 3 hours
MKTG 3101 Principles of Marketing ..... 3 hours
OFFC 3810 The Role of the Executive Assistant ..... 3 hours
OFFC 4098 Internship ..... 3 hours
OFFC 3510 Advanced Office Software Applications..... 3 hours
OFFC 4800 Special Topics ..... 3 hours
TECH 3113 Survey of Statistical Methods in Technology ..... 3 hours
TECH 4800 Special Topics ..... 3 hours

Free Elective.....**3 hours**
Any upper division 3000- or 4000-level course.

Total Degree Requirements.....**120 hours**

* Students with credit for ECON 2105-2106 may exempt this course and take an additional upper division related elective.
** Students with credit for ACCT 2101-2102 or OFFC 2250-2251 may exempt this course and take an additional upper division related elective.

Homeland Security/Emergency Management Concentration

Required in all concentrations.....16 hours
ENGL 3900 Professional and Technical Writing
or COMM 3300 Interpersonal Communications..... 3 hours
TECH 3101 Supervision for the Workplace..... 3 hours
TECH 3104 Ethics for Administrative and Technology Managers ..... 3 hours
TECH 4115 Global Technology..... 3 hours
TECH 4850 Capstone Seminar for Administrative &
Technology Managers ..... 1 hour

HSEM Concentration.....15 hours
HSEM 3000 Homeland Security..... 3 hours
HSEM 3003 Emergency Management..... 3 hours
HSEM 3500 Counter-Terrorism..... 3 hours
HSEM 4500 Disaster Planning and Response..... 3 hours
HSEM 4600 Intelligence and Analysis ..... 3 hours
HSEM 4700 Legal Issues in Homeland Security ..... 3 hours

Related Electives (Select two courses).....6 hours
CRJU 4501 Research Methods in the Social Sciences..... 3 hours
CRJU 4510 Cybercrime Law and Investigation ..... 3 hours
HIST 4250 World Religions..... 3 hours
HSEM 3850 Medical Management in Mass Emergencies..... 3 hours
HSEM 4098 Internship in Homeland Security/Emergency Management ... 3 hours
HSEM 4710 BioDefense ..... 3 hours
HSEM 4600 Intelligence and Analysis ..... 3 hours
POLS 3350 International Relations..... 3 hours
POLS 4451 Politics of Europe..... 3 hours
POLS 4452 Politics of Asia ..... 3 hours

POLS 4453 Politics of Africa ..... 3 hours
POLS 4454 Politics of the Middle East ..... 3 hours
POLS 4455 Politics of Latin America ..... 3 hours
SCI 3701 Science of Weapons of Mass Destruction (WMD)..... 3 hours
TECH 3113 Survey of Statistical Methods in Technology ..... 3 hours

Free Elective (Any upper division (3000-4000) level course .....3 hours

* Students with credit for ECON 2105-2106 may exempt this course and take an additional upper division related elective.
** Students with credit for ACCT 2101-2102 or OFFC 2250-2251 may exempt this course and take an additional upper division related elective.

Applied Criminal Justice Concentration

Required in all concentrations .....16 hours
ENGL 3900 Professional and Technical Writing
or COMM 3300 Interpersonal Communications..... 3 hours
TECH 3101 Supervision for the Workplace..... 3 hours
TECH 3104 Ethics for Administrative and Technology Managers ..... 3 hours
TECH 4115 Global Technology..... 3 hours
TECH 4850 Capstone Seminar for Administrative &
Technology Managers ..... 1 hour

Applied Criminal Justice Concentration .....15 hours
CRJU 3100 Criminology ..... 3 hours
CRJU 3300 Corrections..... 3 hours
CRJU 3410 Survey of Criminal Law and Procedures ..... 3 hours
CRJU 4424 Judicial Procedures..... 3 hours
CRJU 3220 Domestic Security..... 3 hours

Related Electives (Select two courses).....6 hours
CRJU 3105 Criminological Theory ..... 3 hours
CRJU 3110 Race and Crime..... 3 hours
CRJU 3120 Crime as Entertainment..... 3 hours
CRJU 3200 Law Enforcement..... 3 hours
CRJU 3210 Criminal Investigations ..... 3 hours
CRJU 3230 Law Enforcement Administration ..... 3 hours
CRJU 3330 Community Corrections..... 3 hours
CRJU 3343 Principles of Public Administration ..... 3 hours
CRJU 3420 Constitutional Law..... 3 hours
CRJU 3400 Courts in the United States..... 3 hours
CRJU 3700 Victimology..... 3 hours
CRJU 4420 Law and Society ..... 3 hours
CRJU 4425 Capital Punishment..... 3 hours
CRJU 4426 Civil Liberties ..... 3 hours
CRJU 4501 Research Methods in the Social Sciences..... 3 hours
CRJU 4550 White Collar Crime..... 3 hours
CRJU 4700 Writing and Research in Criminal Justice ..... 3 hours
CRJU 4800 Selected Topics ..... 3 hours
HSEM 3500 Counter-Terrorism..... 3 hours
HSEM 4600 Intelligence and Analysis ..... 3 hours
HSEM 4710 Biodefense..... 3 hours
SCI 3701 Science of Weapons of Mass Destruction..... 3 hours
TECH 4101 Human Resources for Admin & Tech Managers..... 3 hours

Free Elective (Any upper division (3000-4000) Level Course) .....3 hours

Total for Graduation .....120 hours

* Students with credit for ECON 2105-2106 may exempt this course and take an additional upper division related elective.
** Students with credit for ACCT 2101-2102 or OFFC 2250-2251 may exempt this course and take an additional upper division related elective.

Bachelor of Applied Science in Technology Management

The Bachelor of Applied Science in Technology Management provides career advancement opportunities for individuals employed (or seeking employment) in a wide variety of plant and corporate settings. Like all B.A.S. programs, the Technology Management major builds upon the technical education acquired through an as sociate degree in a c areer field. F or the Technology Management major, the associate degree or career courses should be in aviation, computer networking, or business related field. We offer the following concentrations in the Technology Management Major: Aviation Administration, Computer Networking, and Project Supervision.

BACHELOR OF APPLIED SCIENCE IN TECHNOLOGY MANAGEMENT DEGREE PROGRAM REQUIREMENTS

BAS Program Requirements:

3. Student must have minimum overall GPA (as defined by Banner) of 2.0 at time of application
4. The student must satisfy one of the two career course requirements prior to being admitted to BAS program:
    a. Must have an AAS or AAT (Career Associate Degree) from a regionally accredited college or university OR
    b. Must have at least 38 semester credit hours of professional/technical courses from a regionally accredited college or university with a grade of C or higher and 21of these 38 hours must be in one professional/technical area. If the student has 30-37 professional/technical courses, he/she will need to take additional courses to satisfy the 38 hour requirement; the student's advisor will recommend appropriate courses.

Core Curriculum (Areas A - E).....**42 hours**

No grades of D in upper-division courses are allowed in the Technology Management major. Grades of D are also prohibited in certain lower-division courses that are used for upper-division course exemptions (see notes regarding TECH 3111 and TECH 3112). Upper-division courses are all courses other than those of Areas A through E of the core curriculum. 1000- or 2000-level courses used in the upper division are included in this restriction.

Choose one of the following concentrations:

Project Supervision Concentration

Upper Division Major Requirements ..... **40 hours**

Required in all concentrations ..... **16 hours**
ENGL 3900 Professional and Technical Writing
or COMM 3300 Interpersonal Communications ..... 3 hours
TECH 3101 Principles of Management ..... 3 hours
TECH 3104 Ethics for Administrative and Technology Managers ..... 3 hours
TECH 3111 Applied Economics* ..... 3 hours
TECH 4115 Global Technology ..... 3 hours
TECH 4850 Capstone Seminar for Administrative & Technology Managers ..... 1 hour

Project Supervision Courses ..... **15 hours**
TECH 3102 Quality Issues in Technology ..... 3 hours
TECH 3112 Applied Accounting ** ..... 3 hours
TECH 3113 Survey of Statistical Methods in Technology ..... 3 hours
TECH 3115 Legal Issues for Administrative & Technology Managers ..... 3 hours
TECH 4101 Human Resources for Administrative & Technology Managers ..... 3 hours

Related Electives (select two courses) ..... **6 hours**
AVIA 3120 Fleet Planning & Scheduling ..... 3 hours
AVIA 3130 Leadership in the Aviation Industry ..... 3 hours
AVIA 3140 Aviation Safety ..... 3 hours
AVIA 4120 Introduction to Airport Operations ..... 3 hours
AVIA 4130 Aviation Labor Relations ..... 3 hours
CNET 3210 Advanced Routing ..... 3 hours
CNET 3220 Multi-Layer Switching ..... 3 hours
FINA 3100 Personal Financial Management ..... 3 hours
HMSV 3010 Introduction to Health & Human Services ..... 3 hours
HCMG 3101 Introduction to Health Systems Management ..... 3 hours
HCMG 3112/3112L Introduction to Allied Health Administration ..... 3 hours
HFMG 3110 Personal Health & Wellness ..... 3 hours
MGMT 3101 Management Principles & Organizational Behavior ..... 3 hours
MGMT 3520 Negotiation & Dispute Resolution in Business ..... 3 hours
MGMT 4520 Women in Leadership ..... 3 hours
MKTG 3101 Principles of Marketing ..... 3 hours
MKTG 3100 Personal Marketing ..... 3 hours
OFFC 3810 The Role of the Executive Assistant ..... 3 hours
TECH 3160 Technology Entrepreneurship ..... 3 hours
TECH 4098 Internship ..... 3 hours
TECH 4111 Leadership for Administrative and Technology Managers ..... 3 hours
TECH 4800 Special Topics ..... 3 hours

Free Elective ..... **3 hours**
Any upper division 3000- or 4000-level course.

Total Degree Requirements ..... **120 hours**

* Students with credit for ECON 2105-2106 may exempt this course and take an additional upper division related elective.
** Students with credit for ACCT 2101-2102 or OFFC 2250-2251 may exempt this course and take an additional upper division related elective.

Aviation Administration Concentration

Upper Division Major Requirements .....34 hours

Required in all concentrations .....**16 hours**
ENGL 3900 Professional and Technical Writing
or COMM 3300 Interpersonal Communications..... 3 hours
TECH 3101 Principles of Management..... 3 hours
TECH 3104 Ethics for Administrative and Technology Managers ..... 3 hours
TECH 3111 Applied Economics*..... 3 hours
TECH 4115 Global Technology..... 3 hours
TECH 4850 Capstone Seminar for Administrative & Technology Managers ..... 1 hour

Aviation Administration Concentration.....18 hours
AVIA 3120 Fleet Planning & Scheduling..... 3 hours
AVIA 3130 Leadership in the Aviation Industry ..... 3 hours
AVIA 4120 Introduction to Airport Operations..... 3 hours
AVIA 4130 Aviation Labor Relations..... 3 hours
TECH 3112 Applied Accounting ..... 3 hours
TECH 3115 Legal Issues for Administrative & Technology Managers..... 3 hours

Related Electives (Select one course from the list below).....3 hours
AVIA 3140 Aviation Safety..... 3 hours
FINA 3100 Personal Financial Management..... 3 hours
MGMT 3101 Management Principles & Organizational Behavior..... 3 hours
MGMT 3520 Negotiation & Dispute Resolution in Business..... 3 hours
MGMT 4520 Women in Leadership..... 3 hours
MKTG 3100 Personal Marketing ..... 3 hours
MKTG 3101 Principles of Marketing ..... 3 hours
OFFC 3510 Advance Office Software Applications ..... 3 hours
OFFC 3810 The Role of the Executive Assistant ..... 3 hours
TECH 3113 Survey of Statistical Methods in Technology ..... 3 hours
TECH 3160 Technology Entrepreneurship..... 3 hours
TECH 4098 Internship ..... 3 hours
TECH 4101 Human Resources for Administrative & Technology Managers ..... 3 hours
TECH4111 Leadership for Technology & Technology Managers..... 3 hours
TECH 4800 Special Topics..... 3 hours

Free elective (any 3000- or 4000-level course) ..... **3 hours**

Total Degree Requirements.....**120 hours**

* Students with credit for ECON 2105-2106 may exempt this course and take an additional upper division related elective.
** Students with credit for ACCT 2101-2102 or OFFC 2250-2251 may exempt this course and take an additional upper division related elective.

Computer Networking Concentration

Upper Division Major Requirements .....**16 hours**
ENGL 3900 Professional and Technical Writing
or COMM 3300 Interpersonal Communications..... 3 hours

TECH 3101 Principles of Management ..... 3 hours
TECH 3104 Ethics for Administrative and Technology Managers ..... 3 hours
TECH 3111 Applied Economics* ..... 3 hours
TECH 4115 Global Technology ..... 3 hours
TECH 4850 Capstone Seminar for Administrative & Technology Managers ..... 1 hour

Computer Networking Concentration ..... 12 hours
CNET 3210 Advanced Routing ..... 3 hours
CNET 3220 Multi-Layer Switching ..... 3 hours
CNET 4210 Network Security and Firewalls ..... 3 hours
CNET 4250 Troubleshooting Converged Networks ..... 3 hours

Choose three from the following courses ..... 9 hours
CNET 4110 IP Telephony ..... 3 hours
CNET 4310 Advanced Server Technology ..... 3 hours
CNET 4800 Selected Topics in Computer Networking ..... 3 hours
ITFN 3112 Systems Analysis ..... 3 hours
ITFN 3134 Secure Systems Development ..... 3 hours
ITFN 3314 Testing and Quality Assurance ..... 3 hours
ITFN 3601 Operating Systems ..... 3 hours
ITFN 4700 Applied Research in Information Technology ..... 3 hours
MGMT 3101 Management Principles & Organizational Behavior ..... 3 hours
MKTG 3100 Personal Marketing ..... 3 hours
MKTG 3101 Principles of Marketing ..... 3 hours
TECH 3102 Quality Issues in Technology ..... 3 hours
TECH 3112 Applied Accounting ..... 3 hours
TECH 3113 Survey of Statistical Methods in Technology ..... 3 hours
TECH 3115 Legal Issues for Administrative & Technology Managers ..... 3 hours
TECH 4098 Internship ..... 3 hours
TECH 4101 Human Resources for Administrative & Technology Managers ..... 3 hours
TECH 4111 Leadership for Administrative & Technology Managers ..... 3 hours
TECH 4800 Selected Topics in Technology Management ..... 3 hours

Free Elective ..... 3 hours
Any upper division 3000- or 4000-level course.

Total Degree Requirements ..... 120 hours

* Students with credit for ECON 2105-2106 may exempt this course and take an additional upper division related elective.
** Students with credit for ACCT 2101-2102 or OFFC 2250-2251 may exempt this course and take an additional upper division related elective.

Other Program-Specific Graduation Requirements

1. Students must have an A.A.S. or A.A.T. (Career Associate Degree) from a regionally accredited college or university **OR**
2. Students must have at least 38 semester credit hours of professional/technical courses from a regionally accredited college or university with a minimum 2.0 GPA. If the student has 30-37 professional/technical courses, he/she will need to

take additional courses to satisfy the 38 hour requirement. A B.A.S. program advisor may recommend appropriate courses.
3. Students must earn a grade of C or better (or K) in all upper division courses (numbered 3000 or higher) used to meet program requirements.
4. Students must also earn a C or higher (or K) in ENGL 1101 and CRIT 1101.

Minor in African American Studies

The African American (AFAM) Studies minor is an interdisciplinary program of coursework designed to expose students to the culture, literature, art, music, psychology, sociology, religion and the health issues of Africa and the African Diaspora.

The program, through a multidisciplinary approach, focuses on the experiences of the descendants of Africa. It encourages the global connection between Africa and America through the culture of African Americans. Through this interdisciplinary approach, students will enhance their communication skills, oral and written, and critical thinking skills.

To fulfill a minor in AFAM at CSU, students must complete 18 hours of AFAM coursework. There are 2 required courses for the AFAM minor, AFAM 2010 and HIST 3230, and students will take an additional 12 hours of AFAM courses drawn from the list below.

Required Courses for AFAM Minor .....6 hours
AFAM 2010 Introduction to African American Studies ..... 3 hours
HIST 3230 History of Sub Sahara Africa..... 3 hours

Upper Division AFAM Electives .....12 hours
AFAM 3100 Harlem Renaissance ..... 3 hours
AFAM 3200 Black Arts Movement..... 3 hours
AFAM 3510/WST 3510 Black Feminist and Womanist Theory..... 3 hours
AFAM 4800 Special Topics..... 3 hours
CRJU 3110 Race and Crime..... 3 hours
ENGL 3410 African American Literature I ..... 3 hours
ENGL 3420 African American Literature II ..... 3 hours
ENGL 3510 Caribbean Literature ..... 3 hours
HIST 3225 Caribbean History ..... 3 hours
HIST 3240 History of the Middle East and North Africa ..... 3 hours
HIST 4001 African American History ..... 3 hours
POLS 3388 African American Politics..... 3 hours
POLS 4422 African American Political Thought ..... 3 hours
POLS 4427 Equal Rights in America..... 3 hours
POLS 4453 Politics of Africa ..... 3 hours
PSYC 3170 Psychology of the African American Experience ..... 3 hours
SOCI 3310 Race and Ethnicity..... 3 hours
THEA 4520 African American Theatre..... 3 hours

Total African American Studies Minor Requirements.....18 hours

Courses taken in Area F or as upper division major electives (allowable by major) may be counted as coursework in the AFAM minor. Please note that all courses listed here are offered in rotation in their home departments.

Minor in Aviation Administration

The aviation administration minor will offer Clayton State University students - in other major degree programs - course options that introduce them to key topics within the aviation industry, from an administrative perspective. Topics include safety, security, scheduling, planning, operations and leadership. In order to graduate with a formal minor that will be noted on the student's permanent record, the student must complete the requirements for the specific minor as stipulated in the CSU catalog. The major advisor is responsible for reviewing a student's progress in the minor. Students must submit to the Office of the Registrar a minor application along with the degree graduation application by the published graduation application deadline. Minors may only be awarded in conjunction with a baccalaureate degree. Minors will not be awarded after the baccalaureate degree has been posted to the academic transcript.

AVIATION ADMINISTRATION MINOR PROGRAM REQUIREMENTS–18 hours

Upper Division System-Specific Courses
AVIA 3120Fleet Planning and Scheduling ..... 3 hours
AVIA 3130 Leadership in the Aviation Industry ..... 3 hours
AVIA 3140 Aviation Safety ..... 3 hours
AVIA 4120 Intro to Airport Operations ..... 3 hours
AVIA 4130 Aviation Labor Relations ..... 3 hours
HSEM 3000 Homeland Security ..... 3 hours

Total Program Requirements .....18 hours

- All courses must be completed with a grade of C or better.
- Courses used to fulfill area A-E in core curriculum cannot be applied to the minor.

Minor in Women's and Gender Studies

Women's and Gender Studies (WST) at CSU integrates social science, science and humanistic approaches by using women's experience and feminist theory to analyze themes in the humanities, fine arts, social sciences, and natural sciences. WST further emphasizes the interdisciplinary study of women and gender, and an inclusive study of women that acknowledges differences such as race, class, sexuality, and national belonging. WST is designed to develop students' skills of critical thinking and reading, communication and analysis, writing and research, imagination and creative expression. WST promotes the study of intersections of gender and sexuality with race, ethnicity and nationality in comparative and global contexts. By considering a variety of controversial issues from different perspectives, it encourages critical reading, writing and thinking. Students develop their skills in oral and written expression. WST courses emphasize women's past and present roles in culture, society, politics, economy, family, leadership and the arts and sciences. They offer various theoretical approaches to topics such as the representation of gender, women and the state, psychology of women, gender and language and women in global issues.

To fulfill a minor in WST at CSU, students must complete 18 hours of WST coursework. There are 2 required courses for the WST minor, WST 2010 and WST 3500.

Required Courses for WST Minor .....6 hours
WST 2010 Introduction to Women's and Gender Studies..... 3 hours
WST 3500 Feminist Theory ..... 3 hours

Students will choose an additional 12 hours of WST courses from the list below.

Upper Division WST Electives.....12 hours
AFAM/WST 3510 Black Feminist/Womanist Theory..... 3 hours
WST/CMS 3020 Research and Methods ..... 3 hours
ENGL 3300 Women and Literature..... 3 hours
WST 3300 Women and Sport ..... 3 hours
POLS 3382 Women and Politics ..... 3 hours
WST 3400 Global Studies: Gender, Culture and Globalization ..... 3 hours
HLTH 3401 Contemporary Women's Health ..... 3 hours
WST 3410 U.S. Women of Colors..... 3 hours
HLTH 3501 Aids Epidemic..... 3 hours
CMS 3810 Women and Popular Culture..... 3 hours
HIST 4003 Women in U.S. History ..... 3 hours
WST 4010 Feminist Media Studies..... 3 hours
PSYC 4110 Psychology of Gender..... 3 hours
CMS 4320 Women and Film ..... 3 hours
MGMT 4250 Women in Leadership..... 3 hours
WST 4800 Special Topics in Women's Studies..... 3 hours
ENGL 4810 Special Topics in Women and Literature ..... 3 hours
CMS 4810 Women and the Arts..... 3 hours

Total WST Minor Requirements .....18 hours

Courses taken in Area F or as upper division major electives (allowable by major) may be counted as coursework in the WST minor. Please note that all courses listed here are offered in rotation in their home departments.

Department of Natural Sciences

ADMINISTRATIVE OFFICER

Michelle A. Furlong, *Department Chair*
Caroline Clower, *Associate Department Chair*

FACULTY

Augustine Agyeman, *Chemistry*
Harold R. Banke, *Science Education*
Bram S. Boroson, *Physics*
Jere A. Boudell, *Biology*
James R. Braun, *Chemistry*
Stephen C. Burnett, *Biology*
John G. Campbell, *Physics*
Caroline E. Clower, *Chemistry*
Diane Day, *Biology*
Thomas Eaves, *Physics*
Michelle A. Furlong, *Biology*
J. Yvette Gardner, *Biology*
Susan F. Hornbuckle, *Chemistry*
Jacqueline A. Jordan, *Biology*
Michael Kirberger, *Chemistry*
Christopher H. Kodani, *Biology*
Tatiana A. Krivosheev, *Physics*
Jonathan T. Lyons, *Chemistry*
Renee E. McFarlane, *Biology*
Paul D. Melvin III, *Biology*
Barbara E. Musolf, *Biology*
Francine N. Norflus, *Biology*
Joshua M. Parker, *Biology*
Nikki T. Sawyer, *Biology*
Richard H. Singiser, *Chemistry*
Nicole Strong, *Biology*
Patricia Todebush, *Chemistry*

MISSION AND GOALS

The Department of Natural Sciences delivers instruction in biology, chemistry, physics, science and is responsible for the following programs and courses:

- Bachelor of Science (B.S.) degree in Biology.
- Bachelor of Science (B.S.) degree in Biology Secondary Education
- Bachelor of Science (B.S.) degree in Chemistry
- Minors in Biology, Chemistry and Physics
- Area D courses in the Core Curriculum.
- Service courses that support Teacher Education, Integrative Studies, Allied Health and Professional Studies and that may serve other programs as general electives.
- Courses that support a variety of pre-professional programs of study for transfer to another university (pre-medical, pre-dental, pre-pharmacy,

pre-physical therapy, pre-physician assistant, pre-engineering, and pre-veterinary medicine).

HONOR SOCIETIES AND CLUBS

Among the honor societies, clubs, and service organizations designed to support, augment, and supplement the educational and professional development of students are a chapter of Beta Beta Beta Biological Honors Society, a chapter of the American Medical Student Association, Chemistry Club, Clayton State University SEEDS chapter, Pre-Dental Student Association, the Pre-Pharmacy Student Association.

Bachelor of Science in Biology

The Bachelor of Science (B.S.) degree in Biology has been designed in consultation with Georgia employers to fit present and emerging needs in the State of Georgia. The program features two tracks: General Biology Track and Secondary Teacher Education Track. The General Biology Track contains a curriculum that will prepare students for the following professional programs: medical school, dental school, veterinary school, and physical therapy and physician assistant programs. This curriculum is also designed to prepare students for the following graduate programs: biomedical, public health, environmental science, forensic science, ecology and evolution. The Secondary Teacher Education Track contains a curriculum that will provide the opportunity for certification to teach grades 8^{th} -12^{th}.

BACHELOR OF SCIENCE IN BIOLOGY DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**
All Core Curriculum requirements for the Biology degree are shown in the suggested degree program sequence.

Lower Division Core Requirements (Core Curriculum Area F).....**18 hours**
BIOL 1107 Principles of Biology I ..... 3 hours
BIOL 1107L Principles of Biology Laboratory I ..... 1 hour
BIOL 1108 Principles of Biology II ..... 3 hours
BIOL 1108L Principles of Biology Laboratory II ..... 1 hour
BIOL 2500 Introductory Plant Biology ..... 2 hours
CHEM 2411 Organic Chemistry I ..... 3 hours
CHEM 2411L Organic Chemistry Laboratory I ..... 1 hour
CHEM 2412 Organic Chemistry II ..... 3 hours
CHEM 2412L Organic Chemistry Laboratory II ..... 1 hour

No more than two grades of D in upper-division courses are allowed in the General Biology Track of the Biology major. Upper-division courses are all courses other than those of Areas A through F of the core curriculum. 1000- or 2000-level courses used in the upper division are included in this restriction.

Upper Division Biology Major Core Requirements .....**32 hours**
BIOL 3200 Cell Biology..... 3 hours
BIOL 3201 Genetics ..... 3 hours
BIOL 3250 Introductory Microbiology..... 3 hours
BIOL 3250L Introductory Microbiology Laboratory..... 1 hour

BIOL 3380 Evolution and Population Biology .....3 hours
BIOL 3500 Ecology..... 3 hours
BIOL 3500L Ecology Laboratory ..... 1 hour
BIOL 3650 Comparative Vertebrate Anatomy ..... 3 hours
BIOL 3650L Comparative Vertebrate Anatomy Laboratory ..... 1 hour
BIOL 4100 Animal Physiology ..... 3 hours
PHYS 1111 Introductory Physics I ..... 3 hours
PHYS 1111L Introductory Physics Laboratory I ..... 1 hour
PHYS 1112 Introductory Physics II..... 3 hours
PHYS 1112L Introductory Physics Laboratory II..... 1 hour
BIOL 4999A/BIOL 4999B Student Evaluation ..... 0 hours

Biology Major Tracks (Choose one track).

Option 1: General Biology Track.....28 hours
BIOL 4900 Biocomputing..... 3 hours
BIOL 3222 Off-Campus Internship, BIOL 3223 On-Campus Internship, BIOL 3224 Introductory Research or BIOL 4222 Biology Research Practicum*..... 3 hours
BIOL 4202L Biotechnology Laboratory..... 3 hours
CHEM 4202 Biochemistry I or CHEM 3202 Introductory Biochemistry*..... 3 hours
BIOL 4500 Biology Seminar ..... 1 hour

** Consult your advisor to determine which of these courses best fits your academic needs.*

Biology Upper Division Electives (6 hours of 3000 or 4000 level BIOL courses that are not used to satisfy any of the requirements listed above) ..... 6 hours

Directed Electives (a minimum of 9 hours selected from the directed electives list below.....*9 hours*
Any 3000- or 4000-level BIOL course not used to satisfy any of the requirements above.
Any 3000- or 4000-level CHEM course not used to satisfy any of the requirements above.
Any 3000- or 4000-level PHYS course not used to satisfy any of the requirements above.
BIOL 1152 Human Anatomy and Physiology II ..... 3 hours
BIOL 1152L Human Anatomy and Physiology II Laboratory ..... 1 hour
CRJU 1150 Introduction to Criminal Justice..... 3 hours
CRJU 3100 Criminology ..... 3 hours
CRJU 3410 - Survey-Criminal Law/Procedure ..... 3 hours
CRJU 4301 - Cold Cases..... 3 hours
CSCI 1301 Computer Science I ..... 3 hours
CSCI 1302 Computer Science II ..... 3 hours
CSCI 1303 Computer Science III..... 3 hours
ECON 2105 Principles of Macroeconomics ..... 3 hours
ECON 2106 Principles of Microeconomics..... 3 hours
FOSC 1101 - Survey of Forensic Science ..... 3 hours
FOSC 3101 - Laboratory Techniques in Forensic Science ..... 3 hours
FRST 3800 - Special Topics in Forensic Studies ..... 3 hours
HFMG 3101 Kinesiology..... 3 hours
HFMG 3102 Exercise Physiology..... 3 hours
HLTH 4330 Nutrition..... 3 hours

MATH 1501 Calculus ..... 4 hours
(If MATH 1501 is applied in Area A, one (1) credit can be applied here.)
MATH 3220 Applied Statistics ..... 3 hours
PSYC 2103 Intro to Human Development ..... 3 hours
PSYC 3350 Abnormal Psychology ..... 3 hours
PSYC 4120 Physiological Psychology ..... 3 hours

Important notes concerning courses:

- The biology core requirements involving BIOL 3222, BIOL 3223, BIOL 3224, BIOL 4222 and BIOL 4500 must be satisfied first before these courses can be applied to the biology electives or directed electives area. No single course can count in two areas.
- A total maximum of three experiential learning courses can be counted in the Biology program. E xperiential learning courses include the following: BIOL 3222, BIOL 3223, BIOL 3224, BIOL 4222, CHEM 3222, CHEM 3223, CHEM 3224, CHEM 4222, PHYS 3223, PHYS 3224
- BIOL 3222, BIOL 3223, BIOL 3224, BIOL 4222 and BIOL 4500 can each be taken a maximum of 2 times for credit.
- BIOL 4100, Animal Physiology, is a prerequisite or co-requisite for BIOL 4100L.
- If MATH 1501 is used in Area A, one hour of credit may be applied to the directed electives area.
- PSYC 1101, Introduction to Psychology, must be selected in Area E to meet the prerequisite for any of the P'SYC courses in the directed electives.
- CSCI 1301 is a prerequisite for CSCI 1302.
- CRJU 1150 is a prerequisite for CRJU 3100.
- BIOL 1152/L and HFMG 3101 require BIOL 1151 and BIOL 1151L as a prerequisite.
- HFMG 3102 requires HFMG 3101 as a prerequisite.

No grades of D in upper-division courses or in area A, D or F are allowed in the Secondary Teacher Education Track of the Biology major. Upper-division courses are all courses other than those of Areas A through F of the core curriculum. 1000- or 2000-level courses used in the upper division are included in this restriction.

Option 2: Secondary Teacher Education Track .....31 hours
EDUC 2110 Investigating Critical/Contemp. Issues ..... 3 hours
EDUC 2120 Exploring Socio-Culture ..... 3 hours
EDUC 2130 Exploring Learning & Teaching ..... 3 hours
EDUC 3030 Exploring-Exceptional Learner ..... 3 hours
EDUC 3200 Secondary School Curriculum & Assessment ..... 3 hours
EDUC 3210 Classroom Methods & Management ..... 3 hours
EDUC 4003 Secondary Level Seminar ..... 1 hour
EDUC 4730 Secondary Level Internship ..... 8 hours
SCI 4901 Secondary Ed Science Instruction ..... 4 hour

Total Degree Requirements ..... **120-123 hours**

Other Program-Specific Graduation Requirements

1. MATH 1112A Trigonometry & Analytic Geometry or MATH 1113 Precalculus or MATH 1501 Calculus must be taken to satisfy the area A2 requirement in the Core Curriculum.
2. CHEM 1211, CHEM 1211L, CHEM 1212, CHEM 1212L, and MATH 1231 must be taken to satisfy area D requirements in the Core Curriculum.

BACHELOR OF SCIENCE IN BIOLOGY SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. O ther courses are recommended selections from categories within the program requirements.

Sequence for the General Biology Track

FRESHMAN YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
MATH 1112A*	Trigonometry & Analytic Geometry	3	HIST 2111	U.S. History to 1877	3
BIOL 1107*	Principles of Biology I	3	BIOL 1108*	Principles of Biology II	3
BIOL 1107L*	Principles of Biology Lab I	1	BIOL 1108L*	Principles of Biology Lab II	1
CHEM 1211*	Principles of Chemistry I	3	CHEM 1212*	Principles of Chemistry II	3
CHEM 1211L*	Principles of Chem Lab I	1	CHEM 1211L*	Principles of Chem Lab II	1
POLS 1101*	American Government	3	COMM 1001	Presentational Speaking	1
Total		***17***	***Total***		***15***

SOPHOMORE YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 2132	American Literature II	3	ART 2301	Art of the Pre-Modern World	3
CHEM 2411*	Organic Chemistry I	3	CHEM 2412*	Organic Chemistry II	3
CHEM 2411L*	Organic Chemistry Lab I	1	CHEM 2412L	Organic Chemistry Lab II	1
PSYC 1101	Intro General Psychology	3	MATH 1231*	Introductory Statistics	3
CRIT 1101*	Critical Thinking	3	HIST 1111	Pre-Modern World History	3
			BIOL 2500*	Introductory Plant Biology	2
Total		***13***	***Total***		***15***

JUNIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
PHYS 1111*	Introductory Physics I	3	PHYS 1112*	Introductory Physics II	3
PHYS 1111L*	Introductory Physics Lab I	1	PHYS 1112L*	Introductory Physics Lab II	1
BIOL 3650*	Comparative Vert Anatomy	3	BIOL 3380*	Evolution and Population Biology	3
BIOL 3650L*	Comparative Vert Anat Lab	1	BIOL 3250*	Microbiology	3
BIOL 3200*	Cell Biology	3	BIOL 3250L*	Microbiology Laboratory	1
BIOL 3500*	Ecology	3	CHEM 4202*	Biochemistry I	3
BIOL 3500L*	Ecology Lab	1	BIOL 3201*	Genetics	3
Total		***15***	***Total***		***17***

SENIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
BIOL 4900*	Biocomputing	3	BIOL 4222	Biology Research Practicum	3
BIOL 4600	Medical Microbiology	3	BIOL 4100*	Animal Physiology	3
BIOL 4202L*	Biotechnology Lab	3	BIOL 4460	Virology	3
CRJU 1150	Introduction to Criminal Justice	3	BIOL 4500*	Biology Seminar	1
PHYS 3650	Modern Physics	3	BIOL 4999A	Student Evaluation	0
			PSYC 3350	Abnormal Psychology	3
Total		***16***	***Total***		***13***

Sequence for the Secondary Education Track

FRESHMAN YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
MATH 1112A*	Trigonometry & Analytic Geometry	3	EDUC 2110*	Investigating Critical/Contemp. Issues	3
BIOL 1107*	Principles of Biology I	3	BIOL 1108*	Principles of Biology II	3
BIOL 1107L*	Principles of Biology Lab I	1	BIOL 1108L*	Principles of Biology Lab II	1
CHEM 1211*	Principles of Chemistry I	3	CHEM 1212*	Principles of Chemistry II	3
CHEM 1211L*	Principles of Chem Lab I	1	CHEM 1211L*	Principles of Chem Lab II	1
PSYC 1101	Introduction to General Psychology	3	MATH 1231*	Introductory Statistics	3
COMM 1001*	Presentational Speaking	1			
Total		***18***	***Total***		***17***

SOPHOMORE YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 2132	American Literature II	3	ART 2301	Art of the Pre-Modern World	3
CHEM 2411*	Organic Chemistry I	3	CHEM 2412*	Organic Chemistry II	3
CHEM 2411L*	Organic Chemistry Lab I	1	CHEM 2412L	Organic Chemistry Lab II	1
HIST 1111	World History I	3	POLS 1101*	American Government	3
CRIT 1101*	Critical Thinking	3	HIST 2111	United States History to 1877	3
BIOL 2500*	Introductory Plant Biology	2	EDUC 2130*	Exploring Teaching & Learning	3
*EDUC 2120**	*Exploring Socio-Culture*				
Total		***18***	***Total***		***16***

JUNIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
PHYS 1111*	Introductory Physics I	3	PHYS 1112*	Introductory Physics II	3

PHYS 1111L*	Introductory Physics Lab I	1	PHYS 1112L*	Introductory Physics Lab II	1
BIOL 3650*	Comparative Vert Anatomy	3	BIOL 4100*	Animal Physiology	3
BIOL 3650L*	Comparative Vert Anat Lab	1	BIOL 3250*	Microbiology	3
EDUC 3200*	Secondary School Curriculum & Assessment	3	BIOL 3250L*	Microbiology Laboratory	1
BIOL 3500*	Ecology	3	EDUC 3030*	Exploring the Exceptional Learner	3
BIOL 3500L*	Ecology Lab	1			
Total		***15***	***Total***		***14***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
SCI 4901*	Secondary Education Science Instruction	4	EDUC 4003*	Secondary Level Seminar	1
EDUC 3210*	Classroom Methods & Management	3	EDUC 4730*	Secondary Level Internship	8
BIOL 3380*	Evolution and Population Biology	3	BIOL 4999A*	Student Evaluation	0
BIOL 3200*	Cell Biology	3	BIOL 3201*	Genetics	3
Total		***13***	***Total***		***12***

Minor Program in Biology

The objectives of the biology minor are to provide a stronger background in the biological sciences, and to provide preparation for the workplace and graduate or professional schooling.

BIOLOGY MINOR PROGRAM REQUIREMENTS

Lower Division Options ..... **up to 8 hours**
BIOL 1107 Principles of Biology I ..... 3 hours
BIOL 1107L Principles of Biology I Lab ..... 1 hour
BIOL 1108 Principles of Biology II ..... 3 hours
BIOL 1108L Principles of Biology II Lab ..... 1 hour
BIOL 1151 Human Anatomy and Physiology I ..... 3 hours
BIOL 1151L Human Anatomy and Physiology I Lab ..... 1 hour
BIOL 1151 Human Anatomy and Physiology II ..... 3 hours
BIOL 1151 Human Anatomy and Physiology II Lab ..... 1 hour
BIOL 2500 Plant Biology ..... 2 hours

Upper Division Electives ..... **9 hours**
Select from any 3000 or 4000 level BIOL course with some exclusions.[1,2]
[1] *Courses excluded: BIOL 3222, BIOL 3223, BIOL 4999*
[2] *Only one single course of research experience can be included. These include BIOL 4222 and BIOL 3224.*

Total Program Requirements ..... **15-18 hours**

Bachelor of Science in Chemistry

The Bachelor of Science (B.S.) degree in Chemistry has been designed to prepare undergraduate students for graduate and professional schools or employment in the chemical sciences. The chemistry curriculum includes a core of chemistry, physics, and mathematics courses that will provide the students with skills essential for all chemistry-related careers, and will be combined with directed electives in an area of interest. Students will be prepared for the following professional programs: medical school, dental school, pharmacy school, veterinary school, and physical therapy and physician assistant programs. This curriculum is also designed to prepare students for the following graduate programs: chemistry, biochemistry, public health, environmental science, and forensic science.

BACHELOR OF SCIENCE IN CHEMISTRY DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**
All Core Curriculum requirements for the Chemistry degree are shown in the suggested degree program sequence.

Lower Division Core Requirements (Core Curriculum Area F).....**18 hours**
CHEM 2411 Organic Chemistry I ..... 3 hours
CHEM 2411L Organic Chemistry Laboratory I ..... 1 hour
CHEM 2412 Organic Chemistry II ..... 3 hours
CHEM 2412L Organic Chemistry Laboratory II ..... 1 hour
MATH 1502 Calculus I..... 1 hour
MATH 2502 Calculus II..... 1 hour
PHYS 2211 Principles of Physics I ..... 3 hours
PHYS 2211L Principles of Physics I Lab..... 1 hour
PHYS 2212 Principles of Physics I ..... 3 hours
PHYS 2212L Principles of Physics I Lab..... 1 hour

No more than two grades of D in upper-division courses are allowed in the Chemistry major. Upper-division courses are all courses other than those of Areas A through F of the core curriculum. 1000- or 2000-level courses used in the upper division are included in this restriction.

Upper Division Chemistry Major Core Requirements.....**30 hours**
CHEM 2500 Sophomore Chemistry Seminar ..... 2 hours
CHEM 3223/CHEM 3224 On-campus Internship/Introductory Research*.. 3 hours
CHEM 3411 Physical Chemistry I: Thermodynamics and Kinetics ..... 3 hours
CHEM 3411L Physical Chemistry Laboratory ..... 2 hours
CHEM 3412 Physical Chemistry II: Quantum Mechanics..... 3 hours
CHEM 3811 Analytical Chemistry..... 3 hours
CHEM 4202 Biochemistry I ..... 3 hours
CHEM 4202L Biochemistry Laboratory..... 3 hours
CHEM 4401L/CHEM 4402L/CHEM 4403L Advanced Lab*..... 2 hours
CHEM 4500 Senior Chemistry Seminar..... 1 hour
CHEM 4811 Instrumental Analysis ..... 3 hours
CHEM 4811L Instrumental Analytical Chemistry Laboratory..... 2 hours
CHEM 4999A or CHEM 4999B Senior Evaluation..... 0 hours

**Consult with your advisor to determine which of these courses best meets your academic needs.*

Upper Division Chemistry Electives (choose from the following).....**12 hours**
CHEM 3223 On-campus Internship..... 3 hours
CHEM 3224 Introductory Research ..... 3 hours
CHEM 4110 Environmental Chemistry ..... 3 hours
CHEM 4201 Advanced Organic Chemistry ..... 3 hours
CHEM 4203 Biochemistry II ..... 3 hours
CHEM 4204 Forensic Chemistry..... 3 hours
CHEM 4205 Medicinal Chemistry..... 3 hours
CHEM 4206 Polymer Chemistry..... 3 hours
CHEM 4222 Chemistry Research Practicum..... 3 hours
CHEM 4301 Inorganic Chemistry ..... 3 hours
CHEM 4302 Solid State Chemistry..... 3 hours
CHEM 4411 Biophysical Chemistry..... 3 hours
CHEM 4412 Computational Chemistry ..... 3 hours
CHEM 4700 Special Topics in Chemistry ..... 1-3 hours
CHEM 4812 Spectroscopy..... 3 hours

Directed Electives (choose from the following).....**18 hours**
Additional CHEM courses not applied to Chemistry Core or Electives
CHEM 3222 Off-Campus Internship ..... 3 hours
CHEM 4900 Biocomputing..... 3 hours
BIOL 1107/L Principles of Biology I and Lab ..... 4 hours
BIOL 1108/L Principled of Biology II and Lab..... 4 hours
BIOL 3200 Cell Biology..... 3 hours
BIOL 3250/L Introductory Microbiology and Lab..... 4 hours
BIOL 4120 Neurobiology..... 3 hours
BIOL 4201 Genetics ..... 3 hours
BIOL 4202L Biotechnology Laboratory ..... 1 hour
BIOL 4450 Immunology ..... 3 hours
BIOL 4460 Virology ..... 3 hours
BIOL 4930 Environmental Toxicology..... 3 hours
CPTG 1111 Introduction to Computing..... 2 hours
MATH 1231 Introductory Statistics ..... 3 hours
MATH 2140 Introductory Linear Algebra..... 3 hours
MATH 2502 Calculus II (excess hours not counted in Area F)..... 3 hours
MATH 2503 Calculus III..... 3 hours
MATH 3303 Differential Equations ..... 3 hours
PHYS 3213 Principles of Physics III - Modern Physics..... 3 hours
PHYS 3214 Classical Mechanics ..... 3 hours
PHYS 3650 Modern Physics..... 3 hours
PHYS 3650L Modern Physics Laboratory..... 3 hours
PHYS 4215 Electricity and Magnetism ..... 3 hours
PHYS 4216 Methods of Mathematical Physics ..... 3 hours
Additional courses with departmental approval

Important notes concerning courses:

- CHEM 3222, 3223 and 3224 may each be taken only one (1) time for credit.
- A total maximum of 12 credit hours of experiential learning credit can be counted in the Chemistry program. E xperiential learning courses include the following: BIOL 3222, BIOL 3223, BIOL 3224, BIOL 4222, CHEM 3222, CHEM 3223, CHEM 3224, CHEM 4222, PHYS 3223, PHYS 3224
- CHEM 4222 may be taken up to two (2) times for credit.

- Credit hours for CHEM 4700 will vary depending on the topic. The course may be repeated for credit if the topics are different.
- CHEM 3202 may not be applied to the Chemistry major

Total Degree Requirements.....**120 hours**

Other Program-Specific Graduation Requirements

1. MATH 1112A Trigonometry & Analytic Geometry or MATH 1113 Pre-calculus or MATH 1501 Calculus must be taken to satisfy the area A2 requirement in the Core Curriculum.
2. CHEM 1211, CHEM 1211L, CHEM 1212, CHEM 1212L, and MATH 1501 or MATH 2502 must be taken to satisfy area D requirements in the Core Curriculum.

BACHELOR OF SCIENCE IN CHEMISTRY SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. O ther courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
MATH 1112A*	Trig. & Analytic Geometry	3	CHEM 1212*	Principles of Chemistry II	3
CHEM 1211*	Principles of Chemistry I	3	CHEM 1211L*	Principles of Chem Lab II	1
CHEM 1211L*	Principles of Chem Lab I	1	MATH 1501*	Calculus I	4
MUSC 2101	Music Appreciation	3	ENGL 2121	British Literature I	3
CRIT 1101*	Critical Thinking	3	COMM 1001*	Presentational Speaking	1
Total		***16***	***Total***		***15***

SOPHOMORE YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
CHEM 2411*	Organic Chemistry I	3	CHEM 2412*	Organic Chemistry II	3
CHEM 2411L*	Organic Chemistry Lab I	1	CHEM 2412L*	Organic Chemistry Lab II	1
POLS 1101*	American Government	3	HIST 1112	Modern World History	3
MATH 2502*	Calculus II	4	CHEM 2500*	Sophomore Seminar	2
PHYS 2211*	Principles of Physics I	3	PHYS 2212*	Principles of Physics II	3
PHYS 2211L*	Principles of Physics I Lab	1	PHYS 2212L*	Principles of Physics II Lab	1
Total		***15***	***Total***		***16***

JUNIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***

CHEM 3411*	Physical Chemistry I	3	CHEM 3412*	Physical Chemistry II	3
CHEM 4205	Medicinal Chemistry	3	CHEM 3411L*	Physical Chemistry Lab	2
CHEM 3224	Introductory Research	3	MATH 2503	Calculus III	4
CHEM 3811*	Analytical Chemistry	3	CHEM 4500*	Senior Chemistry Seminar	1
HIST 2111	US History to 1877	3	BIOL 1107/L	Principles of Biol I and Lab	4
Total		***15***	***Total***		***14***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
CHEM 4202*	Biochemistry I	3	CHEM 4202L*	Biochemistry Laboratory	3
BIOL 1108/L	Principles of Biol II/Lab	4	CHEM 4811/L*	Instrumental Analysis/Lab	5
CHEM 4301	Inorganic Chemistry	3	CHEM 4999*	Senior Evaluation	0
CHEM 4403L	Advanced Lab: Inorganic	2	CHEM 4412	Computational Chemistry	3
CHEM 4700	Special Topics in Chem	3	CHEM 4110	Environmental Chemistry	3
Total		***15***	***Total***		***14***

Minor Program in Chemistry

The objectives of the chemistry minor are to provide a stronger background in the chemical sciences for biology majors and other majors, and to provide preparation for the workplace and graduate or professional schooling.

CHEMISTRY MINOR PROGRAM REQUIREMENTS

Lower Division Requirement ..... **6 hours**
CHEM 2411 Organic Chemistry I ..... 3 hours
CHEM 2412 Organic Chemistry II ..... 3 hours

Upper Division Electives ..... **12 hours**
Select from:
CHEM 3202 Introductory Biochemistry ..... 3 hours
CHEM 3223 On-Campus Internship ..... 3 hours
CHEM 3224 Introductory Research ..... 3 hours
CHEM 3411 Physical Chemistry I ..... 3 hours
CHEM 3411L Physical Chemistry Laboratory ..... 2 hours
CHEM 3412 Physical Chemistry II ..... 3 hours
CHEM 3811 Analytical Chemistry ..... 3 hours
CHEM 4110 Environmental Chemistry ..... 3 hours
CHEM 4201 Advanced Organic Chemistry ..... 3 hours
CHEM 4202 Biochemistry I ..... 3 hours
CHEM 4202L Biochemistry Laboratory ..... 3 hours
CHEM 4203 Biochemistry II ..... 3 hours
CHEM 4204 Forensic Chemistry ..... 3 hours
CHEM 4205 Medicinal Chemistry ..... 3 hours
CHEM 4222 Chemistry Research Practicum ..... 3 hours
CHEM 4206 Polymer Chemistry ..... 3 hours
CHEM 4301 Inorganic Chemistry ..... 3 hours
CHEM 4302 Solid State Chemistry ..... 3 hours

CHEM 4401L Advanced Laboratory I: Organic Synthesis..... 2 hours
CHEM 4402L Advanced Laboratory II: Biochemistry..... 2 hours
CHEM 4403L Advanced Laboratory III: Inorganic ..... 2 hours
CHEM 4411 Biophysical Chemistry..... 3 hours
CHEM 4412 Computational Chemistry ..... 3 hours
CHEM 4500 Senior Chemistry Seminar..... 1 hour
CHEM 4700 Special Topics in Chemistry ..... 1-3 hours
CHEM 4811 Instrumental Analysis ..... 3 hours
CHEM 4811L Instrumental Analytical Chemistry Laboratory..... 2 hours
CHEM 4812 Spectroscopy..... 3 hours

Total Program Requirements .....**18 hours**

Consult your advisor to determine which of these courses best meets your academic needs. Only one 3000-level experiential learning course (CHEM 3223 or 3224) may be counted as an elective in the Chemistry minor. CHEM 4222 can count only once as an elective in the Chemistry minor. CHEM 4700 may be repeated for credit if topics are different. Either CHEM 3202 or CHEM 4202 (but not both) may be applied to the Chemistry minor.

Minor Program in Physics

The objectives of the physics minor are to provide a stronger background in the physical sciences for chemistry majors, math majors and other majors, and to provide preparation for the workplace and graduate or professional schooling.

PHYSICS MINOR PROGRAM REQUIREMENTS

Lower Division Requirement.....**8 hours**
PHYS 2211 Principles of Physics I ..... 3 hours
PHYS 2211L Principles of Physics I Laboratory..... 1 hour
PHYS 2212 Principles of Physics II ..... 3 hours
PHYS 2212L Principles of Physics II Laboratory..... 1 hour

Upper Division Electives*.....**10 hours minimum**
Select from:
ASTR 3010 Topics in Astrophysics..... 3 hours
PHYS 3213 Principles of Physics III - Modern Physics..... 3 hours
PHYS 3650L – Modern Physics Laboratory..... 1 hour
PHYS 3214 Classical Mechanics ..... 3 hours
PHYS 3223 On-Campus Internship, or PHYS 3224 Introductory Research or PHYS 4222 Research Practicum** ..... 3 hours
PHYS 3412/ CHEM 3412 Physical Chemistry II..... 3 hours
PHYS 4215 Electricity and Magnetism ..... 3 hours
PHYS 4216 Methods of Mathematical Physics ..... 3 hours

Total Program Requirements .....**18 hours**

*Consult your advisor to determine which of these courses best meets your academic needs.
** Only one 3000-4000 level experiential learning course (PHYS 3223, PHYS 3224 or PHYS 4222) may be counted as an elective in the Physics minor.

Department of Psychology

ADMINISTRATIVE OFFICER

Donna W. McCarty, Department Chair

FACULTY

Eric M. Bridges, *Psychology*
Pearl S. Chang, *Psychology*
Mark Daddona, *Psychology*
Deborah F. Deckner, *Psychology*
Catherine G. Deering, *Psychology*
Erica J. Gannon, *Psychology*
Brian M. Goldman, *Psychology*
Pinar Gurkas, *Psychology*
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Samuel J. Maddox, *Psychology*
Donna W. McCarty, *Psychology*
Antoinette R. Miller, *Psychology*
Mario V. Norman, *Psychology*
J. Celeste Walley-Jean, *Psychology*
Eckart Werther, *Psychology*

MISSION AND GOALS

The Mission of the Department of Psychology is to provide an innovative blend of theory, research, and application that prepares students for immediate employment and graduate school. Excellence in instruction, preparation for working with diverse populations, and a focus on ethics are hallmarks of our programs.

Bachelor of Science in Psychology and Human Services

The Bachelor of Science (B.S.) degree program in Psychology and Human Services is firmly grounded in the discipline of psychology while also stressing realistic career opportunities in human services fields for graduates. The curriculum design allows students to explore an academic and experiential environment that prepares them for careers in diverse areas of the helping professions. The program also prepares students for graduate work in psychology, counseling, social work, and related fields.

BACHELOR OF SCIENCE IN PSYCHOLOGY AND HUMAN SERVICES DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A – E)..... 42 hours
All Psychology and Human Services Core Curriculum requirements are shown in the suggested degree program.

Lower Division Core Requirements
(Core Curriculum Area F) .....18 hours

Required Courses.....12 hours
PSYC 1101 Introduction to General Psychology ..... 3 hours
PSYC 2101 Psychology of Adjustment..... 3 hours
PSYC 2103 Introduction to Human Development..... 3 hours
Major Options..... 9 hours

Take three additional 1000/2000 level courses selected from areas relevant to the major. Acceptable designations include AFAM, BIOL, COMM, CRJU, ECON, EDUC, ENGL, HCMG, HMSV, HIST, HSCI, HLTH, MATH, PHIL, POLS, PSYC, SOSC, SOCI, WST; or any 1000/2000 level foreign language course. P lease note that no more than 12 total hours in Area F may be PSYC courses. IF MATH 1231 is not taken in D2, F, or as a related elective, PSYC 2105 MUST be taken as a psychology elective

No more than two grades of D in upper-division courses are allowed in the Psychology major. Upper-division courses are all courses other than those of Areas A through F of the core curriculum. 1000- or 2000-level courses used in the upper division are included in this restriction.

Upper Division Major Requirements .....24 hours
PSYC 3300 Applied Ethics in Helping Professions..... 3 hours
HMSV 3010 Introduction to Human Services ..... 3 hours
HMSV 3501 Organization & Administration of Human Services Agencies. 3 hours
or
HMSV 3230 Human Services in Multicultural Context ..... 3 hours
PSYC 3110 Applied Psychology ..... 3 hours
PSYC 3120 Introduction to Therapeutic Intervention..... 3 hours
PSYC 3130 Social Psychology..... 3 hours
PSYC 3350 Abnormal Psychology ..... 3 hours
PSYC 3560 Research Methods in Psychology..... 3 hours

Upper Division Major Electives .....18-21 hours
Select from among:
PSYC 2105* Statistics for Psychology..... 3 hours
PSYC 3140 Crisis Intervention..... 3 hours
PSYC 3150 Group Dynamics..... 3 hours
PSYC 3160 Educational Psychology..... 3 hours
PSYC 3170 Psychology of the African American Experience ..... 3 hours
PSYC 3180 Cross-Cultural Psychology..... 3 hours
PSYC 3210 Abnormal Child Psychology..... 3 hours
PSYC 3510 Psychological Testing and Measurement..... 3 hours
PSYC 3520 Theories of Personality ..... 3 hours
PSYC 3530 Health Psychology..... 3 hours
PSYC 3800 Selected Topics in Psychology
(may repeat up to two times with different topics)..... 3 hours
PSYC 4110 The Psychology of Gender..... 3 hours
PSYC 4120 Physiological Psychology..... 3 hours
PSYC 4130 Introduction to Cognitive Psychology..... 3 hours
PSYC 4160 Death and Dying..... 3 hours
PSYC 4170 Advanced Theories: Psychoanalytic and Existential ..... 3 hours
PSYC 4190 Adolescent Psychology..... 3 hours
PSYC 4540 Introduction to Learning and Behavior ..... 3 hours
PSYC 4550 Program Evaluation ..... 3 hours
PSYC 4560 Infancy ..... 3 hours
PSYC 4590 Research Applications in Psychology ..... 3 hours

PSYC 4800 Advanced Selected Topics in Psychology
(may repeat up to two times with different topics)..... 3 hours
PSYC 4900 Directed Readings in Psychology
(may repeat with different topics)..... 3 hours
*Must be selected if not taken in Area F or if MATH 1231 has not been taken in another area
*No more than 2 Selected Topics (two 3800s, two 4800s, or a combination of one 3800 and one 4800) total may be taken in this area.

Upper Division Related Electives.....6-12 hours
The number of related electives will vary depending on how many courses are taken in other categories.
Appropriate upper division related electives are selected by the student in conjunction with the academic advisor from courses with the following designations: AFAM, BIOL, COMM, CRJU, EDUC, ENGL, HCMG, HMSV, HIST, HSCI, HLTH, MATH, PHIL, POLS, SOSC, SOCI, WST.

Free Elective.....3 hours
Any course (except PHED, WLAB, or courses identified in the catalog as career or institutional credit courses). A foreign language course numbered 1001 or 1002 may be used.

Internship Requirement.....3 hours
PSYC 4490 Internship/Practicum in Human Services/Psychology ..... 3 hours

Internship Option.....3 hours
PSYC 4500 Internship/Practicum in Psychology II ..... 3 hours

Required Capstone Experience.....0 hours
PSYC 4999A or 4999B Senior Evaluation – consult your advisor to determine which is appropriate.

Total Degree Requirements.....120 hours

BACHELOR OF SCIENCE IN PSYCHOLOGY AND HUMAN SERVICES SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. O ther courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
CRIT 1101	Critical Thinking	3	PSYC 1101*	Intro to General Psychology	3
COMM 1101/1102	Communication	3	POLS 1101*	American Government	3
SOCI 1101*	Introduction to Sociology	3	HIST 2111	US History to 1877	
MATH 1101	Intro to Math Modeling	3	*Or* HIST 2112	US Since Reconstruction	3
			SOCI 2293*	Intro to Marriage & Family	3
Total		***15***	***Total***		***15***

SOPHOMORE YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
HIST 2265	Minorities in Am. History	3	HIST 2750	Critical Trends and Issues	3
PHIL 2010	Intro to World Philosophy	3	SCI 1901G	Sex and Gender	3
BIOL 1111	Introductory Biology I	3	BIOL 1112	Introductory Biology II	3
BIOL 1111L	Intro to Biology Lab	1	ART 2302	Art of the Modern World	3
MATH 1231	Introductory Statistics		PSYC 2103*	Intro Human Development	3
Or PSYC 2105	Psychological Statistics	3			
Total		***16***	***Total***		***15***

JUNIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
PSYC 3110*	Applied Psychology	3	HMSV 3501*	Admin. Human Services	3
	Psychology Elective	3	PSYC 3130*	Social Psychology	3
HMSV 3010*	Intro to Human Services	3	PSYC 3120*	Intro Ther. Intervention	3
PSYC 3300*	Applied Ethics in the Helping Professions	3		Psychology Elective	6
PSYC 3350*	Abnormal Psychology	3		Related Elective	3
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
PSYC 4490*	Internship	3	PSYC 3560*	Research Methods Psyc.	3
	Psychology Electives	9	PSYC 4500	Internship II	3
	Related Elective	3		Psychology Elective	3
				Related Elective	3
				Free Elective	3
			PSYC 4999A or PSYC 4999B	Senior Evaluation	
Total		***15***	***Total***		***15***

Minor Program in Psychology

PSYCHOLOGY MINOR PROGRAM REQUIREMENTS

Lower Division Requirements .....**6 hours**
PSYC 1101* Introduction to General Psychology..... 3 hours
PSYC 2103 Introduction to Human Development..... 3 hours
*Note: if PSYC 1101 is taken as an Area E4 course, then PSYC 2101 will be substituted for PSYC 1101 in the Psychology Minor program.

Upper Division Requirements .....**6 hours**
PSYC 3130 Social Psychology..... 3 hours
PSYC 3350 Abnormal Psychology ..... 3 hours

Upper Division Electives .....**6 hours**
Select two from: PSYC 3110, PSYC 3120, PSYC 4140, PSYC 4150, PSYC 3160, PSYC 3170, PSYC 3180, PSYC 3210, PSYC 3300, PSYC 3510, PSYC 3520, PSYC 3530, PSYC 3560*, PSYC 3800, PSYC 4110, PSYC 4120, PSYC 4130, PSYC 4160, PSYC 4170, PSYC 4190, PSYC 3540, PSYC 3550, PSYC 4800, PSYC 4900
*Note: Either MATH 1231 Statistics or PSYC 2105 Statistics for Psychology must be taken as a prerequisite for this course.

Total Program Requirements .....**18 hours**

Department of Social Sciences

ADMINISTRATIVE OFFICER

A. Rafik Mohamed, *Department Chair*

FACULTY

Andrea Allen, *Criminal Justice*
Augustine E. Ayuk, *Political Science*
Rodger Bates, *Sociology*
Christie H. Burton, *Bachelor of Applied Sciences Program*
Matthew S. Cornick*, Legal Studies*
Joseph A. Corrado, *Political Science*
Jason L. Davis, *Criminal Justice*
Terri D. Fields, *Legal Studies*
Thomas Garsombke, *Bachelor of Applied Sciences Program*
Lisa D. Holland-Davis, *Criminal Justice*
Taralyn Keese, *Sociology*
Emran W. Khan, *Criminal Justice*
Joshua R. Meddaugh, *Political Science*
Lawrence K. Menter, *Political Science*
A. Rafik Mohamed, *Criminal Justice and Sociology*
Nasser Momayezi, *Political Science*
Mara A. Mooney*, Legal Studies*
Le'Brian Patrick, *Sociology*
David Pena, *Political Science*
Sheryne M. Southard*, Legal Studies*
Anastasia Tosouni, *Criminal Justice*
Karen Beasley Young, *Sociology*

MISSION AND GOALS

The Department of Social Sciences at Clayton State University is concerned with the application of social scientific theory, methodology, and research to the study of Criminal Justice, Legal Studies, Political Science, and Sociology. The mission of the Department is to educate future professionals so that they become capable of applying their social scientific knowledge and critical thinking skills to the solution of problems in their respective careers and future educational pursuits. The Department obliges to teach students the fundamentals of research in the Department's constituent disciplines and the importance of service to the community. The Department also seeks to encourage and support the individual scholarship of its faculty members, and the incorporation of this knowledge into Department curricula. Through the fulfillment of these responsibilities, the Department of Social Sciences at Clayton State University endeavors to prepare students for professional lives in academia, government, the non-profit community, and the private sector, as well as for intellectually enriched and socially fruitful lives. The department is responsible for the following programs and courses:

- Bachelor of Science (B.S.) degree in Criminal Justice
- Bachelor of Science (B.S.) in Legal Studies.
- Bachelor of Science (B.S.) degree in Political Science
- Bachelor of Science (B.S.) degree in Sociology

- Service courses that support Teacher Education and Interdisciplinary Studies and that may serve other programs as general electives.
- Area E courses in the Core Curriculum.

Bachelor of Science in Criminal Justice

The mission of the Bachelor of Science in criminal justice degree program is to capitalize on the diversity of the Clayton State student population and multidisciplinary training of faculty to provide students with a specialized understanding of the criminal justice system and criminal behavior. Curriculum and instruction are designed to advance knowledge, understanding, and skills relevant to the criminal justice discipline in order to prepare students for careers, advancement, or graduate studies in criminal justice, law, and other justice-related fields.

BACHELOR OF SCIENCE IN CRIMINAL JUSTICE DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**
All Criminal Justice Core Curriculum requirements are shown in the suggested degree program.

Lower Division Core Requirements (Core Curriculum Area F).....**6 hours**
CRJU 1150 Introduction to Criminal Justice..... 3 hours
SOCI 1101 Introduction to Sociology..... 3 hours

Lower Division Core Electives (Core Curriculum Area F).....**12 hours**
Select any 4 lower division (1000-2000) Courses with the following prefixes: AFAM, ECON, HIST, POLS, PSYC, SOCI, SPAN, WST. Students majoring in criminal justice are REQUIRED to demonstrate competence in Spanish through the Intermediate Level (SPAN 2001-3rd semester). Other foreign languages may be considered with the special permission of the Social Sciences Department Chair. Students are encouraged to use core area F (SPAN 1001), B2 (SPAN 1002), and C1 or C2 (SPAN 2001) to fulfill this requirement.

Upper Division Major Requirements .....**18 hours**
Students must complete ALL of the following required courses:
CRJU 3100 Criminology ..... 3 hours
CRJU 3200 Law Enforcement..... 3 hours
CRJU 3300 Corrections..... 3 hours
CRJU 3410 Criminal Law and Procedures..... 3 hours
CRJU 4501 Research Methods & Program Evaluation..... 3 hours
CRJU 4901 Criminal Justice Internship I..... 3 hours

Upper Division Major Concentration……..…..18 hours
Students majoring in Criminal Justice must select a minimum of18 hours (6 courses) from ONE of the following areas of concentration OR students may choose to adhere to general Criminal Justice degree guidelines listed below. All upper division courses must be completed with a grade of C or better.

Concentration Area 1: Administration of Justice
Select from among the following courses:
CRJU 3110 Race & Crime ..... 3 hours
CRJU 3210 Criminal Investigations ..... 3 hours
CRJU 3230 Criminal Justice Administration..... 3 hours
CRJU 3240 Community Policing ..... 3 hours
CRJU 3330 Community Corrections..... 3 hours
CRJU 3343 Principles of Public Administration ..... 3 hours
CRJU 3400 Courts in the United States..... 3 hours
CRJU 3420 Constitutional Law..... 3 hours
CRJU 3600 Juvenile Justice ..... 3 hours
CRJU 3700 Victimology ..... 3 hours
CRJU 3800 Restorative Community Justice ..... 3 hours
CRJU 4150 Crime Prevention ..... 3 hours
CRJU 4200 Criminal Justice Ethics ..... 3 hours
CRJU 4424 Judicial Process..... 3 hours
CRJU 4700 Writing & Research in Criminal Justice ..... 3 hours
CRJU 4800 Selected Topics in Criminal Justice (requires approval)..... 3 hours

Concentration Area 2: Criminology, Law & Society
Select from among the following courses:
CRJU 3105 Criminological Theory ..... 3 hours
CRJU 3110 Race & Crime ..... 3 hours
CRJU 3120 Crime as Entertainment..... 3 hours
CRJU 3130 Drugs & Society ..... 3 hours
CRJU 3140 Gender & Crime..... 3 hours
CRJU 3420 Constitutional Law..... 3 hours
CRJU 3700 Victimology ..... 3 hours
CRJU 4200 Criminal Justice Ethics ..... 3 hours
CRJU 4420 Law & Society..... 3 hours
CRJU 4424 Judicial Process..... 3 hours
CRJU 4425 Capital Punishment..... 3 hours
CRJU 4426 Civil Liberties ..... 3 hours
CRJU 4550 White Collar Crime..... 3 hours
CRJU 4601 Urban Ethnography..... 3 hours
CRJU 4700 Writing and Research in CJ..... 3 hours
CRJU 4800 Selected Topics in Criminal Justice (requires approval)..... 3 hours
POLS 4427 Equal Rights in America ..... 3 hours
SOCI 3320 Social Stratification ..... 3 hours
SOCI 3333 Social Deviance..... 3 hours
SOCI 3610 Juvenile Delinquency..... 3 hours

Concentration Area 3: Forensic Studies
*IMPORTANT NOTE: FRST 4500 is REQUIRED for this concentration area.
Select from among the following courses:
CRJU 3210 Criminal Investigations……. ... ……..3 hours
CRJU 4301 Cold Cases…….. …… 3 hours
FOSC 1101 Survey of Forensic Science.…… ...……..3 hours
FOSC 3101 Laboratory Techniques in Forensic Science..... ……3 hours
FRST 3800 Selected Topics in Advanced Investigation……..... ……..3 hours
FRST 4101 Crime Scene Investigation.…… ... ……3 hours
FRST 4201 Death Investigation…… ..……..3 hours
*FRST 4500 Senior Capstone in Forensic Studies…….. …3 hours

Concentration Area 4: Homeland Security & Emergency Management
IMPORTANT NOTE: HSEM 3000, 3003, 3500, AND 4500 are ALL REQUIRED for this concentration area.
Select from among the following courses:
*HSEM 3000 Homeland Security..... 3 hours
*HSEM 3003 Emergency Management ..... 3 hours
*HSEM 3500 Counter-Terrorism ..... 3 hours
*HSEM 4500 Disaster Planning & Response ..... 3 hours
HSEM 3850 Medical Mgmt. in Mass Emergencies ..... 3 hours
HSEM 4000 Research in HSEM ..... 3 hours
HSEM 4098 Internship in HSEM ..... 3 hours
HSEM 4600 Intelligence and Analyses ..... 3 hours
HSEM 4700 Legal Issues in HSEM ..... 3 hours
HSEM 4710 Biodefense..... 3 hours
SCI 3710 Science of Weapons of Mass Destruction..... 3 hours
CRJU 3210 Criminal Investigations ..... 3 hours
CRJU 3230 Criminal Justice Administration ..... 3 hours
CRJU 3240 Community Policing ..... 3 hours
CRJU 3343 Principles of Public Administration ..... 3 hours
CRJU 4200 Criminal Justice Ethics ..... 3 hours

General Criminal Justice Degree

Students must select two courses from Concentration Area 1; two courses from Concentration Area 2, and two additional courses from either or a combination of Concentration Areas 3 & 4 for a total of 18 hours.

Upper Division Major Electives .....**0-24 hours**
Students have the option to choose any combination of course with CRJU, FRST and HSEM prefixes (up to 8 classes) to complete degree requirements:

Select from among the following courses:
CRJU (any 3000-4000 level courses)……0-24 hours
FRST (any 3000-4000 level courses)……..0-24 hours
HSEM (any 3000-4000 level courses)……0-24 hours

Upper Division Major-Related Electives.....**0-24 hours**
Students have the option to choose any combination of the following courses with FOSC, HIST, HLTH, HMSV, MGMT, PHIL, POLS, PSYC or SOCI prefixes (up to 8) to complete degree requirements:

FOSC (any 3000-4000 level courses)……..……0-24 hours
HIST (any 3000-4000 level courses)……...0-24 hours
HLTH (0-2 courses listed below)……0-6 hours
HLTH 3320 Communication with Families……..…….3 hours
HLTH 3501 The AIDS Epidemic……..……3 hours
HMSV (any 3000-4000 level courses)……0-24 hours
MGMT (0 – 1 course listed below).....……..0-3 hours
MGMT 3101 Mgmt Principles & Organizational Behavior……..3 hours
PHIL (any 3000-4000 level courses)…. .....0-24 hours
POLS (any 3000-4000 level courses) .....0-24 hours
SOCI (any 3000-4000 level courses).....0-24 hours

International Language Requirement..... **0-9 hours**
Students majoring in criminal justice are REQUIRED to demonstrate competence in Spanish through the Intermediate Level (SPAN 2001-3rd semester). Other foreign languages may be considered with the special permission of the Social Sciences Department Chair. Students are encouraged to use core area F (SPAN 1001), B2 (SPAN 1002), and C1 or C2 (SPAN 2001) to fulfill this requirement.
SPAN 1002 Elementary Spanish II..... 3 hours
SPAN 2001 Intermediate Spanish I..... 3 hours
SPAN 2002 Intermediate Spanish II..... 3 hours

Additional Math or Internship Opportunity..... **0-6 hours**
Select from among:
MATH 1231 Statistics..... 3 hours
CRJU 4902 Criminal Justice Internship II..... 3 hours

Free Elective..... **0-3 hours**
Excludes PHED activity courses, courses offered for institutional credit only, and career program courses (unless specifically approved in advance).

Total Degree Requirements.....**120 hours**

BACHELOR OF SCIENCE IN CRIMINAL JUSTICE SUGGESTED DEGREE PROGRAM SEQUENCE (Administration of Justice Tract)

In the sequence below, only courses marked with an asterisk (*) are program requirements. Other courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
CRIT 1101*	Critical Thinking	3	SOCI 1101*	Introduction to Sociology	3
POLS 1101*	American Government	3	BIOL 1111	Introductory Biology I	3
MATH 1101	Intro to Math Modeling	3	BIOL 1111L	Intro to Biology Laboratory	1
CRJU 1150*	Intro Criminal Justice	3	SPAN 1001	Elementary Spanish I	3
			HIST 1111	Pre-Modern World History	3
Total		***15***	***Total***		***16***

SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
HIST 2111	US History to 1877	3	PSYC 2101	Psychology of Adjustment	3
PSYC 1101	Intro General Psychology	3	POLS 2101	Intro to Political Science	3
BIOL 1112	Introductory Biology II	3	SPAN 2001	Intermediate Spanish I	3
SPAN 1002	elementary Spanish II	3	MATH 1231	Introductory Statistics	3

PHIL 2010	Intro to World Philosophy	3	SCI 1901 F	Forensics	3
Total		***15***	***Total***		***15***

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
HIST 3420	History of Middle East	3	CRJU 3200*	Law Enforcement	3
CRJU 3100*	Criminology	3	CRJU 3300*	Corrections	3
CRJU 3410*	Survey Criminal Law Proc	3	CRJU 3420	Constitutional Law	3
CRJU 3210*	Criminal Investigations	3	PSYC 3350	Abnormal Psychology	3
CRJU 3220	Domestic Security	3	HMSV 3010	Intro to Human Services	3
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
CRJU 3230	Criminal Justice Admin.	3	SOCI 3310	Race and Ethnicity	3
CRJU 4800	Selected Topics	3	CRJU 3600	Juvenile Justice	3
HMSV 3501	Org Admin Human Service	3	CRJU 3400	Courts in the United States	3
CRJU 4501*	Research Methods and Program Evaluation	3	CRJU 4901*	Criminal Justice Internship	3
CRJU 4550	White Collar Crime	3	CRJU 4200	Criminal Justice Ethics	3
Total		*15*	*Total*		*15*

The criminal justice minor will introduce Clayton State University students in other major degree programs to a) key components of the criminal justice system,b) the nature of the crime problem in the US, and c) the major theories about criminal behavior. In order to graduate with a formal minor that will be noted on the student's permanent record, the student must complete the requirements for the specific minor as stipulated in the online CSU catalog. The major advisor is responsible for reviewing a student's progress in the minor. Students must submit to the Office of the Registrar a minor application along with the degree graduation application by the published graduation application deadline. Minors may only be awarded in conjunction with a baccalaureate degree. Minors will not be awarded after the baccalaureate degree has been posted to the academic transcript.

CRIMINAL JUSTICE MINOR PROGRAM REQUIREMENTS – 18 hours

Lower Division Foundations in Criminal Justice .....3 hours
CRJU 1150 Introduction to Criminal Justice ..... 3 hours

Upper Division Theoretical Perspectives ..... 3 hours
CRJU 3100 Criminology ..... 3 hours

Upper Division System-Specific Courses (select at least two courses).....6 hours
CRJU 3200 Law Enforcement..... 3 hours
CRJU 3300 Corrections..... 3 hours
CRJU 3400 Courts in the U.S..... 3 hours
CRJU 3410 Criminal Law and Procedure ..... 3 hours

Upper Division Electives (select any 2 upper division CRJU courses not previously applied to the minor) – 6 hours

Total Program Requirements .....18 hours

- All courses must be completed with a grade of C or better.
- At least two upper division (3000/4000 level) courses must be completed at Clayton State University to fulfill residency requirements.
- Courses taken to satisfy Core Areas A through E may not be counted as coursework in the minor. Core Area F courses may be counted as coursework in the minor.
- Students with lower-division (1000 or 2000 level) CRJU transfer credit may apply up to 6 of these hours in the Upper Division Electives area provided they were completed with a grade of C or better and all other minor criteria are satisfied. Note that lower-division transferred courses which duplicate the themes or titles of CRJU courses the student has taken at the upper division cannot be substituted.

Minor Program in Homeland Security/Emergency Management

The homeland security/emergency management minor offers Clayton State University students who major in another field the opportunity to better understand and prepare for careers in a relevant and emerging field of community and national service. Also, the minor in HSEM provides the basic knowledge necessary to pursue graduate studies in this field. In order to graduate with a formal minor that will be noted on the student's permanent record, the student must complete the requirements for the specific minor as stipulated in the online CSU catalog. The major advisor is responsible for reviewing a student's progress in the minor. Students must submit to the Office of the Registrar a minor application along with the degree graduation application by the published graduation application deadline. Minors may only be awarded in conjunction with a baccalaureate degree. Minors will not be awarded after the baccalaureate degree has been posted to the academic transcript.

HOMELAND SECURITY/EMERGENCY MANAGEMENT MINOR PROGRAM REQUIREMENTS

The minor in Homeland Security/Emergency Management will consist of 18 hours of upper-division courses. All students will be required to complete HSEM 3000 – Introduction to Homeland Security and HSEM 4700 – Legal Issues in Homeland Security and four additional courses in Homeland Security/Emergency Management.

Upper Division Electives.....**12 hours**

Select from: HSEM 3003, HSEM 3500, HSEM 4000, HSEM4098, HSEM 4500, HSEM 4600, HSEM 4700, HSEM 4710

Total Program Requirements ..... **18 hours**

Bachelor of Science in Legal Studies

The purpose of the Bachelor of Science in Legal Studies is to prepare graduates for a career in the legal field. The degree is a good option for students who plan to work in fields impacted by law and legal regulation or who are considering law school or other fields of graduate study. The Legal Studies Program emphasizes substantive legal knowledge, excellent reading, writing, and critical thinking skills, technology and other practical skills, an understanding of government systems, and an appreciation of the myriad of ethics rules that govern the legal profession. Graduates will also acquire the specific law office skills necessary to perform delegated substantive legal work under the supervision of an attorney. Paralegals and other non-lawyers are prohibited from practicing law.

Core Curriculum (Areas A-E)..... 42 hours

The Legal Studies major will utilize the standard general education Core Curriculum.

Lower Division Major Requirements (Core Curriculum Area F) ..... 18 hours
Required courses
PARA 1101 Introduction to Law & Ethics ..... 3 hours
PARA 2203 Civil Litigation ..... 3 hours
PARA 2205 Legal Research & Writing..... 3 hours
PARA 2209 Business Organizations ..... 3 hours
PARA 2211 Computers in the Law ..... 3 hours
PARA 2235 Law Office Skills ..... 3 hours

No more than two grades of D in upper-division courses are allowed in the Legal Studies major. Upper-division courses are all courses other than those of Areas A through F of the core curriculum. 1000- or 2000-level courses used in the upper division, including all courses in this major labeled as lower division electives, are included in this restriction.

Lower Division Electives ..... 12 hours
Select 4 courses
PARA 2207 Criminal Litigation ..... 3 hours
PARA 2213 Real Estate Law ..... 3 hours
PARA 2225 Family Law..... 3 hours
PARA 2221 Bankruptcy/Debtor-Creditor Relations..... 3 hours
PARA 2223 Wills, Trusts & Probate Law ..... 3 hours
PARA 2227 Health Care Law..... 3 hours
PARA 2229 Intellectual Property Law..... 3 hours
PARA 2231 Administrative Law..... 3 hours
PARA 2233 Employment Law..... 3 hours

Upper Division Required Courses..... 21 hours
Required courses

PARA 4020 Advanced Civil Litigation ..... 3 hours
PARA 4030 Advanced Legal Research & Writing ..... 3 hours
PARA 4098 Practicum ..... 3 hours
PARA 4850 Capstone Course..... 3 hours
POLS 4425/CRJU 3420 Constitutional Law or POLS 4426/CRJU 4426 Civil Liberties..... 3 hours
And choose 2 courses from the below list
HSEM 4700 Legal Issues in Homeland Security ..... 3 hours
TECH 3115 Legal Issues for Administrative Managers..... 3 hours
CRJU 3400 Courts in the United States..... 3 hours
CRJU 4420 Law and Society ..... 3 hours
POLS 4424/CRJU 4424 Judicial Process ..... 3 hours

Upper Division Electives .....27 hours
Note: Students do not need to take a course in every listed area below, so long as students take a total of 9 courses. Courses do not need to be taken in any particular order, unless prerequisites mandate otherwise. Courses cannot be double-counted, so if a course is cross-coded, or if a course is used by a student to satisfy another area of the curriculum, the same course cannot be used as an elective. In areas that give students specified options, students should be careful to choose only from those specified options. Students may only take the maximum number of courses that count in any given area. All courses are 3 semester hours.

COMM (0-2 courses from below list) ..... 0-6 hours
COMM 3100 Professional Speaking..... 3 hours
COMM 3300 Interpersonal Communication ..... 3 hours

CRJU (any 3000-4000 level courses, up to four) .....0-12 hours

ENGL (any 3000-4000 level courses, up to 5).....0-15 hours

HIST (any 3000-4000 level courses, up to 2) ..... 0-6 hours

HSEM (0 – 1 course listed below)..... 0-3 hours
Choose: HSEM 4700 – Legal Issues in Homeland Security

MGMT (choose up to 3 courses from below list) 0-9hrs
MGMT 3101 – Mgmt Principles & Organizational Behavior
(**or** TECH 3101 – Supervision for the Workplace)
MGMT 3520 – Negotiation & Conflict Mgmt.
MGMT 4510 – Legal Issues in Human Resources

PHIL (any 3000-4000 level courses, up to 2) ..... 0-6 hours

POLS (any 3000-4000 level courses, up to 5) .....0-15 hours

SOCI (any 3000-4000 level courses, up to 2)..... 0-6 hours

TECH (choose up to 3 courses from below list) ..... 0-9 hours
TECH 3101 – Supervision for the Workplace
(**or** MGMT 3101 – Mgmt Principles & Org. Behavior)
TECH 3111 – Applied Economics
TECH 3115 – Legal Issues for Admin. Managers
TECH 4101 – Human Resources for Admin. Managers

Total Degree Requirement.....120 hours

* Legal Studies majors are encouraged to pursue an English minor, a History minor or a Political Science minor to complement the Legal Studies baccalaureate degree. Students who desire to obtain a minor in English, History, or Political Science should consult their academic advisor and the academic catalog regarding the specific number and type of English or Political Science classes that should be taken in order to satisfy the minor requirement.
* Please also see Paralegal – A.A.S. and Paralegal Certificate

Minor Program in Legal Studies

A minor in Legal Studies will provide students from across disciplines the opportunity to enrich their intellectual pursuits through the study and application of law and its impact on society. Particular emphasis will be placed on legal principles and terminology, critical thinking and the development of legal research and writing skills. This minor will be an appropriate choice for students who are majoring in or planning to work in fields that are affected by legal regulation and who are interested in attending law school or pursuing graduate studies.

Learning objectives of the Legal Studies minor:

- To apply critical thinking and reasoning to the analysis of legal and societal issues
- To provide students with fundamental knowledge of legal principles and terminology
- To emphasize the development of students' legal research and writing abilities

To fulfill a minor in Legal Studies, students must complete a minimum of 18 semester hours of coursework with 12 hours of upper-division coursework. Students will complete 2 lower-division courses and 4 upper-division courses to complete the 18 hours required for the minor in Legal Studies. **A grade of "C" or higher is required in all courses in the minor.** Depending on a student's major, a student pursuing a minor in Legal Studies might exceed the total number of attempted hours that can be applied toward financial aid.

Lower Division Required Courses.....6 hours
PARA 1101 – Introduction to Law & Ethics..... 3 hours
PARA 2205 – Legal Research & Writing..... 3 hours

Upper Division Required Courses.....6 hours
PARA 4030 – Advanced Legal Research & Writing..... 3 hours
POLS 4425/CRJU 3420 – Constitutional Law..... 3 hours

Upper Division Electives
(Choose 2 courses from the following):.....6 hours
CRJU/SOCI 3100 – Criminology..... 3 hours
CRJU 4200 – Criminal Justice Ethics..... 3 hours
CRJU 4420 – Law and Society..... 3 hours

POLS 4424 – Judicial Process ..... 3 hours
POLS 4426 – Civil Liberties..... 3 hours
POLS 4427 – Equal Rights in America..... 3 hours

Total Program Requirements.....18 hours

Certificate and Associate of Applied Science in Paralegal Studies

The purpose of the Paralegal Studies Program is to provide students with the skills necessary to perform specifically delegated substantive legal work under the supervision of an attorney. Paralegals and other non-lawyers are prohibited from practicing law.

The program consists of an associate degree (A.A.S.) and a certificate. The associate degree is designed mainly for students who have not attended college before or those who have a limited amount of previous college credit. The certificate program is designed for students who already hold a degree (associate or bachelors) or who already have two years of college. All of the paralegal courses in the certificate program are included in the associate degree.

Students admitted to the paralegal certificate program must have earned at least 60 semester hours of college-level work from a regionally accredited college or university. The 60 hours must include at least 18 semester hours general education credit.

CERTIFICATE IN PARALEGAL STUDIES PROGRAM REQUIREMENTS

Lower Division Requirements .....**24 hours**
PARA 1101 Introduction to Law and Ethics..... 3 hours
PARA 2203 Civil Litigation ..... 3 hours
PARA 2205 Legal Research and Writing ..... 3 hours
PARA 2207 Criminal Litigation ..... 3 hours
PARA 2209 Business Organizations ..... 3 hours
PARA 2211 Computers in the Law ..... 3 hours
PARA 2213 Real Estate..... 3 hours
PARA 2225 Family Law..... 3 hours

Lower Division Electives .....**6 hours**
Select two courses from among:
PARA 2221 Bankruptcy/Debtor-Creditor Relations..... 3 hours
PARA 2222 Occupational Internship ..... 3 hours
PARA 2223 Wills, Trusts and Probate Law..... 3 hours
PARA 2227 Health Care Law..... 3 hours
PARA 2229 Intellectual Property Law..... 3 hours
PARA 2231 Administrative Law..... 3 hours
PARA 2233 Employment Law..... 3 hours
PARA 2235 Law Office Skills ..... 3 hours

Total Program Requirements .....**30 hours**

ASSOCIATE OF APPLIED SCIENCE IN PARALEGAL STUDIES DEGREE PROGRAM REQUIREMENTS

Core Curriculum .....**22 hours**

COMM 1001 Presentational Speaking ..... 1 hour
CRIT 1101 Critical Thinking ..... 3 hours
ENGL 1101 English Composition I ..... 3 hours
ENGL 1102 English Composition II ..... 3 hours
HIST 2111 Survey of U.S. History to 1877 or HIST 2112
Survey of U.S. History since Reconstruction ..... 3 hours
MATH 1101 Mathematical Modeling or higher 1000-level
MATH course ..... 3 hours
POLS 1101 American Government ..... 3 hours
One course from Area C of the Core Curriculum ..... 3 hours

Lower Division Major Requirements ..... **27 hours**
PARA 1101 Introduction to Law and Ethics ..... 3 hours
PARA 2203 Civil Litigation ..... 3 hours
PARA 2205 Legal Research and Writing ..... 3 hours
PARA 2207 Criminal Litigation ..... 3 hours
PARA 2209 Business Organizations ..... 3 hours
PARA 2211 Computers in the Law ..... 3 hours
PARA 2213 Real Estate ..... 3 hours
PARA 2225 Family Law ..... 3 hours
PARA 2235 Law Office Skills ..... 3 hours

Lower Division Electives ..... **12 hours**
Select four courses from among:
PARA 2221 Bankruptcy/Debtor-Creditor Relations ..... 3 hours
PARA 2222 Occupational Internship ..... 3 hours
PARA 2223 Wills, Trusts and Probate Law ..... 3 hours
PARA 2227 Health Care Law ..... 3 hours
PARA 2229 Intellectual Property Law ..... 3 hours
PARA 2231 Administrative Law ..... 3 hours
PARA 2233 Employment Law ..... 3 hours

Total Degree Requirements ..... **61 hours**

Bachelor of Science in Political Science

The political science curriculum at Clayton State University includes a basic core of courses essential for all public sector related careers plus specialized coursework in archival studies in conjunction with the State of Georgia Archives and Federal Southeast Regional Archives adjacent to the Clayton State campus. There is a significant and growing need for trained professionals in the non-profit sector, political science, and business equipped to deal with public policy and community services issues in areas such as transportation, health care, the environment, aging, and education. This need is particularly acute for local government and small and moderate-sized business in need of innovative new public initiatives and programs equipping them to respond effectively to the challenges of unprecedented regional growth and economic development. Nowhere in the Atlanta Region is there a greater need for potential employees with this expertise than in the Clayton State University service area. As all of these needs and opportunities require expertise in relevant uses of technology, program graduates of this program will be highly proficient in information technology.

BACHELOR OF SCIENCE IN POLITICAL SCIENCE DEGREE PROGRAM REQUIREMENTS

- Political Science majors must attain a grade of C or better in all upper division course credits applied to fulfill political science degree requirements.

- Students must have a minimum cumulative GPA of 2.0 to request a change of major to Political Science.

Core Curriculum (Areas A - E).....**42 hours**
All Political science Core Curriculum requirements are shown in the suggested degree program.

Lower Division Core Requirements (Core Curriculum Area F)..... **6-9 hours**
Prerequisites for all Political Science Area F courses will include POLS 1101.
HIST 2111 or 2112 Survey of U.S. History..... 3 hours
(History 2111 or 2112 not taken in Area E3 must be taken in Area F.)
POLS 2101 Introduction to Political Science ..... 3 hours
POLS 2401 Introduction to Global Issues (if not taken in E2)..... 3 hours

Lower Division Electives (Core Curriculum Area F) .....**9-12 hours**
Select from: AFAM 2010, CRJU 1150, ECON 2105, ECON 2106, FREN 1001, FREN 1002, FREN 2001, FREN 2002, HIST 1111, or HIST 1112 not taken in Area E MAY be taken in Area F, HIST 2265, HIST 2750, MATH 1231, PARA 1101, PARA 2250, PHIL 2010, PHIL 2030, PHIL 2040, PSYC 1101, PSYC 2101, PSYC 2103, SOCI 1101, SOCI 2293, SPAN 1001, SPAN 1002, SPAN 1999, SPAN 2001, SPAN 2002, WST 2010.

Students majoring in the POLS Comparative Politics & International Relations Concentration Area are REQUIRED to demonstrate competence in French or Spanish through the Intermediate Level (FREN or SPAN 1001, 1002, 2001 and 2002). Foreign language competency is optional for students in other concentration areas and for the General Degree. Other foreign languages may be considered with the special permission of the Social Sciences Department Chair.

UPPER DIVISION POLITICAL SCIENCE PROGRAM
Only C grades or better in upper division courses will be counted towards degree completion.

Course prerequisites: students must take POLS 1101.

Upper Division Major Requirements .....**9 hours**
POLS 4500 Senior Seminar..... 3 hours
POLS 4501 Senior Thesis..... 3 hours
SOCI 4501 Research Methods..... 3 hours

Upper Division Major Electives .....**30-33 hours**
Select from among:
POLS 3212 State and Local Government..... 3 hours
POLS 3320 Public Policy ..... 3 hours
POLS 3323 Comparative Politics ..... 3 hours
POLS 3343 Principles of Public Administration ..... 3 hours
POLS 3350 International Relations..... 3 hours

POLS 3360 U.S. Congress ..... 3 hours
POLS 3370 The Presidency ..... 3 hours
POLS 3380 Interest Groups and Political Parties ..... 3 hours
POLS 3382 Women and Politics ..... 3 hours
POLS 3385 Campaigns and Elections ..... 3 hours
POLS 3386 Mass Media & Politics ..... 3 hours
POLS 4210 Politics of the Developing World ..... 3 hours
POLS 4420 Political Philosophy ..... 3 hours
POLS 4421 American Political Thought ..... 3 hours
POLS 4422 African American Political Thought ..... 3 hours
POLS 4424 Judicial Process ..... 3 hours
POLS 4425 Constitutional Law ..... 3 hours
POLS 4426 Civil Liberties ..... 3 hours
POLS 4427 Equal Rights in America ..... 3 hours
POLS 4430 International Political Economy ..... 3 hours
POLS 4450 American Foreign Policy ..... 3 hours
POLS 4451 Politics of Europe ..... 3 hours
POLS 4452 Politics of Asia ..... 3 hours
POLS 4453 Politics of Africa ..... 3 hours
POLS 4454 Politics of the Middle East ..... 3 hours
POLS 4455 Politics of Latin America ..... 3 hours
POLS 4701 Study Abroad ..... 3 hours
POLS 4702 Study Abroad ..... 3 hours
POLS 4703 Study Abroad ..... 3 hours
POLS 4800 Selected Topics in Political Science ..... 3 hours
POLS 4900 Independent Study in Political Science ..... 3 hours

Upper Division Related Electives ..... **15-18 hours**
Select from among:
CRJU 3100 Criminology ..... 3 hours
CRJU 3110 Race and Crime ..... 3 hours
CRJU 3130 Drugs and Society ..... 3 hours
CRJU 3200 Law Enforcement ..... 3 hours
CRJU 3220 Domestic Security ..... 3 hours
CRJU 3230 Law Enforcement Administration and Management ..... 3 hours
CRJU 3240 Law Enforcement and the Community. ..... 3 hours
CRJU 3300 Corrections ..... 3 hours
CRJU 3343 Public Administration ..... 3 hours
CRJU 3410 Survey of Criminal Law and Procedures ..... 3 hours
CRJU 3420 Constitutional Law ..... 3 hours
CRJU 3600 Juvenile Justice ..... 3 hours
CRJU 4410 Comparative Criminal Justice ..... 3 hours
CRJU 4424 Judicial Process ..... 3 hours
CRJU 4426 Civil Liberties ..... 3 hours
CRJU 4501 Research Methods and Policy Evaluation ..... 3 hours
CRJU 4800 Selected Topics in Criminal Justice ..... 3 hours
HIST 3110 Georgia History and Government ..... 3 hours
HIST 3120 Establishment of the U.S., 1607-1800 ..... 3 hours
HIST 3125 The Age of Jefferson and Jackson ..... 3 hours
HIST 3130 Sectionalism, Civil War and Reconstruction ..... 3 hours
HIST 3132 The Reconstruction Era 1863-1877 ..... 3 hours
HIST 3135 U.S. Gilded Age and Progressive Era ..... 3 hours
HIST 3140 Themes of Twentieth Century U.S. History ..... 3 hours
HIST 3150 War and Diplomacy 1898-Present ..... 3 hours
HIST 3210 The Twentieth Century World ..... 3 hours

HIST 3215 Latin American-U.S. Relations ..... 3 hours
HIST 3220 Latin American History ..... 3 hours
HIST 3225 Caribbean History ..... 3 hours
HIST 3230 History of Sub Saharan Africa ..... 3 hours
HIST 3240 History of the Middle East and North Africa ..... 3 hours
HIST 3245 History of Film ..... 3 hours
HIST 3250 Pre-Modern East Asian History ..... 3 hours
HIST 3255 Modern East Asian History ..... 3 hours
HIST 3260 Pre-Modern East Asian History ..... 3 hours
HIST 3265 Modern South Asian History ..... 3 hours
HIST 3270 Pre-Modern Russian History ..... 3 hours
HIST 3275 Modern Russian History ..... 3 hours
HIST 3330 Business and Economic History ..... 3 hours
HIST 3450 U.S. Military History ..... 3 hours
HIST 4001 African American History ..... 3 hours
HIST 4003 Women's History ..... 3 hours
HIST 4004 Environmental History ..... 3 hours
HIST 4010 U.S. Intellectual History ..... 3 hours
HIST 4020 History of the Old South ..... 3 hours
HIST 4030 History of the New South ..... 3 hours
HIST 4110 Ancient Greece and Rome ..... 3 hours
HIST 4115 History of the Middle Ages ..... 3 hours
HIST 4120 Renaissance, Reform…Western Nation State ..... 3 hours
HIST 4130 The Age of European Expansionism ..... 3 hours
HIST 4200 Nineteenth Century European History ..... 3 hours
HIST 4250 History of World Religions ..... 3 hours
HIST 4350 Modern World Intellectual History ..... 3 hours
HIST 4800 Selected Topics ..... 3 hours
HIST 4900 Independent Study ..... 3 hours
HMSV 3010 Introduction to Human Services ..... 3 hours
HMSV 3230 Human Services in Multicultural Context ..... 3 hours
HMSV 3300 Community-Based Development ..... 3 hours
HMSV 3501 Organization & Admin. Human Services ..... 3 hours
HSEM 3000 Homeland Security ..... 3 hours
PHIL 3200 Ancient Philosophy ..... 3 hours
PHIL 3400 Medieval Philosophy ..... 3 hours
PHIL 3600 Modern Philosophy ..... 3 hours
PHIL 3800 Contemporary Philosophy ..... 3 hours
PHIL 4200 Philosophy of World Religions ..... 3 hours
PHIL 4400 Philosophy of Culture ..... 3 hours
PHIL 4600 Logic and Philosophy ..... 3 hours
PHIL 4900 Directed Study in Philosophy ..... 3 hours
PSYC 3130 Social Psychology ..... 3 hours
PSYC 3170 Psychology of African American Experience ..... 3 hours
PSYC 3210 Cross-Cultural Psychology ..... 3 hours
PSYC 3350 Abnormal Psychology ..... 3 hours
PSYC 3800 Selected Topics in Psychology ..... 3 hours
PSYC 4110 The Psychology of Gender and Sexuality ..... 3 hours
PSYC 4800 Selected Topics in Psychology ..... 3 hours
SOCI 3010 Sociology Theory ..... 3 hours
SOCI 3030 Social Psychology ..... 3 hours
SOCI 3100 Criminology ..... 3 hours
SOCI 3130 Drugs and Society ..... 3 hours
SOCI 3210 Family Formation and Development ..... 3 hours
SOCI 3220 Adolescence ..... 3 hours

SOCI 3310 Race and Ethnicity..... 3 hours
SOCI 3320 Social Inequality and Stratification..... 3 hours
SOCI 3410 Sociology of Religion ..... 3 hours
SOCI 3420 Social Problems..... 3 hours
SOCI 3510 Social Statistics ..... 3 hours
SOCI 4800 Special Topics in Sociology..... 3 hours
SOSC 4800 Advanced Research Methods ..... 3 hours
WST 3400 Gender, Culture and Globalization ..... 3 hours
WST 3410 U.S. Women of Color..... 3 hours
WST 3500 Feminist Theory..... 3 hours

Internship or Clinical Requirements ..... **3-6 hours**

*POLS 4490 Internship/Practicum in Political Science (may repeat) ..... 3-6 hours
Or **POLS 4491 Internship/Practicum in Political Science..... 6 hours

*POLS 4490 should be taken for an internship with a non-government nonprofit organization.
**POLS 4491 should be taken for an internship with a local, state or federal government agency.

Total Degree Requirements.....**120 hours**

BACHELOR OF SCIENCE IN POLITICAL SCIENCE CONCENTRATION AREAS

Students who choose to major in Political Science may elect to focus their Political Science studies in either one of the following three area concentrations for 18 credit hours, taking additional political science upper division elective courses for a total of 30-33 credits towards their degree. Concentration areas options: **American Politics, Comparative Politics and International Relations or Law and Society.** Students who do not wish to focus their studies in a specific concentration area may still pursue the B.S. degree in Political Science and must comply with the requirements for **General Political Science** degree.

CONCENTRATION AREA 1 (African American Politics).....18 hours
Required:
POLS 3388 African American Politics..... 3 hours

Major Elective Courses .....15 hours
POLS 3382 Women and Politics ..... 3 hours
POLS 4421 American Political Thought..... 3 hours
POLS 4422 African American Political Thought ..... 3 hours
POLS 4425 Constitutional Law..... 3 hours
POLS 4426 Civil Liberties ..... 3 hours
POLS 4427 Equal Rights in America ..... 3 hours
POLS 4453 Politics of Africa ..... 3 hours
POLS 4701 Study Abroad..... 3 hours
POLS 4702 Study Abroad..... 3 hours
POLS 4703 Study Abroad..... 3 hours
POLS 4800 Selected Topics in Political Science..... 3 hours
POLS 4900 Independent Study..... 3 hours

Electives courses from other concentrations areas.....12–15 hours

Upper Division Major Related Electives..... 15-18 Hours

HIST 3320 Latin American History ..... 3 hours
HIST 3225 Caribbean History ..... 3 hours
HIST 3230 History of Sub Saharan..... 3 hours
HIST 4001 African American History ..... 3 hours
HIST 4020 History of the Old South..... 3 hours
HIST 4030 History of the New South ..... 3 hours
HIST 4800 Selected Topics in History ..... 3 hours
HIST 4900 Independent Study ..... 3 hours
PSYC 3180 Cross-Cultural Psychology ..... 3 hours
PSYC 4800 Selected Topics in Psychology ..... 3 hours
SOCI 3310 Race and Ethnicity..... 3 hours
SOCI 3320 Social Inequality and Stratification ..... 3 hours
SOCI 3410 Sociology of Religion ..... 3 hours
SOCI 3450 Urban Soc./Soc. of Inner City ..... 3 hours
SOCI 3510 Social Statistics ..... 3 hours
SOCI 4800 Special Topics in Sociology..... 3 hours
WST 3410 U.S. Women of Color..... 3 hours

Total hours for Political Science Degree.....60 hours

CONCENTRATION AREA 2 (American Politics).....18 hours
POLS 3212 State & Local Government ..... 3 hours
POLS 3320 Public Policy ..... 3 hours
POLS 3343 Principles of Public Administration ..... 3 hours
POLS 3360 U.S. Congress ..... 3 hours
POLS 3370 The Presidency..... 3 hours
POLS 3380 Interest Groups & Political Parties ..... 3 hours
POLS 3382 Women & Politics..... 3 hours
POLS 3385 Campaigns & Elections ..... 3 hours
POLS 3386 Mass Media & Politics ..... 3 hours
POLS 3388 African American Politics..... 3 hours
POLS 4421 American Political Thought..... 3 hours
POLS 4427 Equal Rights in America ..... 3 hours
POLS 4422 African-American Political Thought ..... 3 hours
POLS 4424 Judicial Process..... 3 hours
POLS 4425 Constitutional Law..... 3 hours
POLS 4426 Civil Liberties ..... 3 hours
POLS 4450 American Foreign Policy ..... 3 hours
POLS 4701 Study Abroad..... 3 hours
POLS 4702 Study Abroad..... 3 hours
POLS 4703 Study Abroad..... 3 hours
POLS 4800 Selected Topics in Political Science..... 3 hours
POLS 4900 Independent Study..... 3 hours
POSC 4800 Advanced Research Methods ..... 3 hours

Upper Division Major Electives ..... 18-21 Hours
Any upper division CRJU, HIST, HMSV, PHIL, PSYC, SOCI, or WST course not used to meet another requirement.

Total Concentration Area 1 .....60 hours

CONCENTRATION AREA 3 (Comparative Politics & International Relations) ..... 18-21 Hours
POLS 3323 Comparative Politics ..... 3 hours
POLS 3350 International Relations..... 3 hours

POLS 4210 Politics of the Developing World ..... 3 hours
POLS 4430 International Political Economy..... 3 hours
POLS 4450 American Foreign Policy ..... 3 hours
POLS 4451 Politics of Europe..... 3 hours
POLS 4452 Politics of Asia ..... 3 hours
POLS 4453 Politics of Africa ..... 3 hours
POLS 4454 Politics of the Middle East ..... 3 hours
POLS 4455 Politics of Latin America ..... 3 hours
POLS 4701 Study Abroad..... 3 hours
POLS 4702 Study Abroad..... 3 hours
POLS 4703 Study Abroad..... 3 hours
POLS 4800 Selected Topics in Political Science..... 3 hours
POLS 4900 Independent Study..... 3 hours
SOSC 4800 Advanced Research Methods ..... 3 hours

Upper Division Major Electives ..... 18-21 Hours
Any upper division CRJU, HIST, HMSV, PHIL, PSYC, SOCI, or WST course not used to meet another requirement.

Total Concentration Area 2 .....60 hours

CONCENTRATION AREA 3 (Law and Society):.....18 hours
POLS 3320 Public Policy..... 3 hours
POLS 4420 Political Thought ..... 3 hours
POLS 4421 American Political Thought..... 3 hours
POLS 4422 African American Political Thought ..... 3 hours
POLS 4424 Judicial Process..... 3 hours
POLS 4425 Constitutional Law..... 3 hours
POLS 4426 Civil Liberties ..... 3 hours
POLS 4427 Equal Rights in America ..... 3 hours
POLS 4701 Study Abroad..... 3 hours
POLS 4702 Study Abroad..... 3 hours
POLS 4703 Study Abroad..... 3 hours
POLS 4800 Selected Topics in Political Science..... 3 hours
POLS 4900 Independent Study..... 3 hours
SOSC 4800 Advanced Research Methods ..... 3 hours

Upper Division Major Electives ..... 18-21 Hours
Any upper division CRJU, HIST, HMSV, PHIL, PSYC, SOCI, or WST course not used to meet another requirement.

Total Concentration Area 3 .....60 hours

CONCENTRATION AREA 4 (Law and Society)..... 18 hours
POLS 3320 Public Policy. ..... 3 hours
POLS 4420 Political Thought ..... 3 hours
POLS 4421 American Political Thought..... 3 hours
POLS 4422 African American Political Thought ..... 3 hours
POLS 4424 Judicial Process..... 3 hours
POLS 4425 Constitutional Law..... 3 hours
POLS 4426 Civil Liberties ..... 3 hours
POLS 4427 Equal Rights in America ..... 3 hours
POLS 4428 Jurisprudence ..... 3 hours
POLS 4701 Study Abroad..... 3 hours
POLS 4702 Study Abroad..... 3 hours

POLS 4703 Study Abroad..... 3 hours
POLS 4800 Selected Topics in Political Science..... 3 hours
POLS 4900 Independent Study..... 3 hours
SOSC 4800 Advanced Research Methods..... 3 hours

Electives courses from other concentrations areas.....12–15 hours

Upper Division Major Related Electives.....15-18 hours
Any upper division CRJU, HIST, HMSV, PHIL, PSYC, SOCI, or WST course not used to meet another requirement.

Total hours for Political Science Degree.....60 hours

GENERAL POLITICAL SCIENCE DEGREE
Political Science majors who do not wish to declare an area concentration must complete the following major requirements:

- Complete all *upper division major required courses* (9-12 hours).
- Complete 15-18 hours (5 - 6 courses) of upper-division coursework from each of the two above-listed concentration areas listed above for a total of 11 - 12 upper-division major courses (30-33 hours).
    - No course substitutions will be permitted.
- Complete 18-21 hours (6 - 7 courses) of upper-division major related coursework.

Upper Division POLS Coursework (30-33 HRS)

Total General Political Science Degree.....60 hours

BACHELOR OF SCIENCE IN POLITICAL SCIENCE SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. O ther courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
CRIT 1101*	Critical Thinking	3	SOCI 1101	Introduction to Sociology	3
COMM 1001	Presentational Speaking	1	BIOL 1111	Introductory Biology I	3
POLS 1101*	American Government	3	BIOL 1111L	Intro to Biology Laboratory	1
MATH 1101	Intro to Math Modeling	3	MUSC 2101	Music Appreciation	3
HIST 2111 or 2112*	U.S. History	3	POLS 2401	Introduction to Global Issues	3
			COMM 1002	Presentation Applications	1
Total		***16***	***Total***		***17***

SOPHOMORE YEAR

First Semester			Second Semester		
Course	**Title**	**Hours**	**Course**	**Title**	**Hours**
HIST 1111 or 1112*	Survey of World History	3	AFAM 2010	Introduction to African American	3
PSYC 1101	Intro General Psychology	3	PSYC 2103	Intro to Human Development	3
BIOL 1112	Introductory Biology II	3	HIST 2750	Critical Trends and Issues in Recent World History	3
POLS 2101	Intro to Political Science	3	MATH 1231	Introductory Statistics	3
PHIL 2010	Intro to World Philosophy	3	ECON 2105	Prin of Macroeconomics	3
Total		***15***	***Total***		***15***

JUNIOR YEAR					
First Semester			Second Semester		
Course	**Title**	**Hours**	**Course**	**Title**	**Hours**
HIST 3110	Georgia History/Govt	3	POLS 3320	Public Policy	3
HIST 3450	U.S. Military History	3	POLS 4424	Judicial Process	3
POLS 4425	Constitutional Law	3	HIST 3255	Modern East Asian History	3
PSYC 3130	Social Psychology	3	HIST 4003	Women's History	3
SOCI 3310	Race and Ethnicity	3	HMSV 3010	Intro to Human Services	3
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			Second Semester		
Course	**Title**	**Hours**	**Course**	**Title**	**Hours**
POLS 4490**	Internship	3	POLS 4421	American Political Thought	3
POLS 4426	Civil Liberties	3	SOSC 4800	Advanced Research Methods	3
POLS 4500	Senior Seminar	3	HIST 3240	History of the Middle East	3
SOCI 4501**	Social Research Methods	3	POLS 4501**	Senior Thesis	3
POLS 4900	Independent Study	3	POLS 3212	State and Local Government	3
Total		***15***	***Total***		***15***

Minor Program in Political Science

The political science minor will offer Clayton State University students in other major degree programs minor concentration course options that prepare students for community service, public service, law school, and graduate school to meet the expanding needs of South Metropolitan Atlanta. In order to graduate with a formal minor that will be noted on the student's permanent record, the student must complete the requirements for the specific minor as stipulated in the online CSU catalog. The major advisor is responsible for reviewing a student's progress in the minor. Students must submit to the Office of the Registrar a minor application along with the degree graduation application by the published graduation application deadline. Minors may only be awarded in conjunction with a baccalaureate degree. Minors will not be awarded after the baccalaureate degree has been posted to the academic transcript.

POLITICAL SCIENCE MINOR PROGRAM REQUIREMENTS

Lower Division Electives ..... **0-6 hours**
Select from:
POLS 2101 Introduction to Political Science ..... 3 hours
POLS 2401 Introduction to Global Issues ..... 3 hours

Upper Division Electives ..... **12-18 hours**
Select 4-6 courses from among: POLS 3212, POLS 3320, POLS 3323, POLS 3343, POLS 3350, POLS 3360, POLS 3370, POLS 3380, POLS 3382, POLS 3385, POLS 3386, POLS 3388, POLS 4420, POLS 4421, POLS 4422, POLS 4424, POLS 4425, POS 4426, POLS 4427, POLS 4428, POLS 4450, POLS 4451, POLS 4452, POLS 4453, POLS 4454, POLS 4455, POLS 4800, POLS 4900 (or any other POLS course upon appr oval of Social Sciences Department Chair).

Total Program Requirements ..... **18 hours**

Bachelor of Science in Sociology

The sociology curriculum includes a basic core of courses essential for all sociology-related careers, with specialized concentrations in the study of families and youth, stratification and social problems, and human services.

BACHELOR OF SCIENCE IN SOCIOLOGY DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E) ..... **42 hours**
All Sociology Core Curriculum requirements are shown in the suggested degree program.

Lower Division Core Requirements (Core Curriculum Area F) ..... **18 hours**
SOCI 1101 Introduction to Sociology ..... 3 hours
SOCI 2293 Introduction to Marriage and Family ..... 3 hours
SOCI 2420 Contemporary Social Problems ..... 3 hours

Select 9 credits hours of lower division electives from courses with the following prefixes: AFAM, CPTG 2201, CSCI, ECON, FREN, HIST, MATH 1231, PHIL, POLS, PSYC, SOSC, SPAN or WST.

No grades of D in upper-division courses are allowed in the Sociology major. Upper-division courses are all courses other than those of Areas A through F of the core curriculum. 1000- or 2000-level courses used in the upper division are included in this restriction.

Required Upper Division Sociology Core ..... **12 hours**
SOCI 3010 Sociological Theory ..... 3 hours
SOCI 3510 Social Statistics (fall only) ..... 3 hours
SOCI 4501 Research Methods ..... 3 hours
SOCI 4901 Sociology Practicum (spring only) ..... 3 hours

Upper Division Sociology Electives ..... **18-33 hours**
Select 18-33 credit hours from upper division major electives (any upper division SOCI course not used to meet another major requirement)

Approved Minor in Another Discipline……18-21 hours

Or students may complete upper division major degree requirements by selecting from the following:

Major Related Electives ..... **12-30 hours**
AFAM 3100 Harlem Renaissance ..... 3 hours
AFAM 3200 Black Arts Movement ..... 3 hours
AFAM 4800 Selected Topics in African American Studies ..... 3 hours
CRJU 3110 Race and Crime ..... 3 hours
CRJU 3120 Crime as Entertainment (same as SOCI 3430) ..... 3 hours
CRJU 3300 Corrections ..... 3 hours
CRJU 3410 Criminal Law and Procedures ..... 3 hours
CRJU 4420 Law and Society ..... 3 hours
HIST 3110 Georgia History ..... 3 hours
HIST 3220 Latin American History ..... 3 hours
HIST 3420 Family History/Genealogical Records ..... 3 hours
HIST 3450 U.S. Military History ..... 3 hours
HIST 4001 African American History ..... 3 hours
HIST 4003 Women's History ..... 3 hours
HIST 4250 History of World Religions ..... 3 hours
HLTH 3110 Interactive Communication ..... 3 hours
HMSV 3010 Introduction to Human Services ..... 3 hours
HMSV 3230 Human Services in Multicultural Context ..... 3 hours
HMSV 3300 Community-Based Development ..... 3 hours
POLS 3212 State and Local Government ..... 3 hours
POLS 3320 Public Policy ..... 3 hours
POLS 3323 Comparative Politics ..... 3 hours
POLS 3343 Principles of Public Administration ..... 3 hours
POLS 3380 Interest Groups and Political Parties ..... 3 hours
POLS 3382 Women and Politics ..... 3 hours
PSYC 3120 Introduction to Therapeutic Intervention ..... 3 hours
PSYC 3350 Abnormal Psychology ..... 3 hours
PSYC 3520 Theories of Personality ..... 3 hours
PSYC 3540 Introduction to Learning and Behavior ..... 3 hours
PSYC 4120 Physiological Psychology ..... 3 hours
PSYC 4130 Cognitive Psychology ..... 3 hours
PSYC 4140 Crisis Intervention ..... 3 hours
WST 3400 Gender, Culture &Globalization ..... 3 hours
WST 3410 U.S. Women of Color ..... 3 hours
WST 3500 Feminist Theory ..... 3 hours

Lower Division Statistics Requirement ..... 3 hours
A lower or upper division statistics course in any discipline must be taken prior to the required SOCI 3510 – Social Statistics. MATH 1231 is the recommended option, but any college level statistics course will suffice.
MATH 1231 Statistics ..... 3 hours

International Language Electives ..... 0-9 hours
SPAN 2001 Intermediate Spanish I ..... 3 hours
SPAN 2002 Intermediate Spanish II ..... 3 hours

SPAN 3131 Advanced Grammar and Composition ..... 3 hours

Free Elective..... 0-**3 hours**
Excludes PHED activity courses, courses offered for institutional credit only, and career program courses.

Total Degree Requirements.....**120 hours**

BACHELOR OF SCIENCE IN SOCIOLOGY SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. O ther courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition	3	ENGL 1102*	English Composition	3
CSU 1022	University Foundations	2	SOCI 2293*	Intro. to Marriage and Family	3
POLS 1101*	American Government	3	CRIT 1101*	Critical Thinking	3
MATH 1101	Intro. to Mathematical Modeling	3			
SOCI 1101*	Introduction to Sociology	3	BIOL 1111	Introductory Biology I	3
COMM 1001	Presentational Speaking	1			
			BIOL 1111L	Intro. to Biology Lab	1
			MUSC 2101	Music Appreciation	3
Total		***15***	***Total***		***16***

SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
HIST 2112	U.S. History since Reconstruction	3	HIST 3800	World Historical Geography	3
PSYC 1101*	Introduction to General Psychology	3	MATH 1231	Statistics	3
BIOL 1112	Introductory Biology II	3	HIST 2750	Critical Trends and Issues in Recent World History	3
SOCI 2420*	Social Problems	3	POLS 2101	Introduction to Political Science	3
PHIL 2010	Introduction to World Philosophy	3	HIST 1112	Survey of Modern World History	3
CRJU 1150	Intro to Criminal Justice	3			
Total		***18***	***Total***		***15***

JUNIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
SOCI 3320	Social Stratification	3	SOCI 4501*	Social Research Methods	3
SOCI 3010*	Sociological Theory	3	SOCI 3333	Deviance	3
SOCI 3510*	Social Statistics	3	SOCI 3430	Media and Society	3
CRJU 3100	Criminology	3	SOCI 3310	Race and Ethnicity	3
SOCI 3610	Juvenile Delinquency	3	HMSV 3010	Introduction to Human Services	3
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
POLS 3320	Public Policy	3	SOCI 4901*	Sociology Practicum	3
PSYC 3130	Social Psychology	3	WST 3500	Feminist Theory	3
HIST 3450	U.S. Military History	3	SOCI 3150	Sports of Sociology	3
SOCI 4153	Sociology of Aging	3	SOCI 3410	Sociology of Religion	3
PSYC 4110	Psychology of Gender and Sexuality	3	PSYC 4140	Crisis Intervention	3
Total		***15***	***Total***		***15***

Minor Program in Sociology

SOCIOLOGY MINOR PROGRAM REQUIREMENTS

Lower Division Requirements ..... **6 hours**
SOCI 1101 Introduction to Sociology ..... 3 hours
SOCI 2293 Introduction to Marriage & the Family or SOCI 2420 Social Problems ..... 3 hours

Upper Division Required Course……..3 hours
SOCI 3010 Sociological Theory

Upper Division Electives ..... **9 hours**
Select three (3) courses from the following: SOCI 3030, SOCI 3100, SOCI 3130, SOCI 3210, SOCI 3220, SOCI 3310, SOCI 3320, SOCI 3410, SOCI 3420, SOCI 3510, SOCI 3610, SOCI 3700, SOCI 4210, SOCI 4501, SOCI 4502, SOCI 4800, SOCI 4901 (or any other SOCI course upon approval of the department head)

Total Program Requirements ..... **18 hours**

- All courses must be completed with a grade of C or better.
- At least two upper division (3000/4000 level) courses must be completed at Clayton State University to fulfill residency requirements.

- Courses used to fulfill area A-E in core curriculum cannot be applied to the minor.

Department of Teacher Education

ADMINISTRATIVE OFFICER

Ruth Caillouet, *Department Chair*

FACULTY

Dennis G. Attick
Ruth Caillouet
Erica K. Dotson
Charles Elfer
Beverly Garner
Mary Nix Hollowell
Shirley Mills
Shayla L. Mitchell
Winifred C. Nweke
Mari Ann Roberts

MISSION AND GOALS

The mission and goals of the Teacher Education Unit and Department are to prepare collaborative, reflective professional educators who are competent, caring and committed individuals for teaching diverse learners in today's world.

The primary goals are to develop teachers who:

- are knowledgeable about and committed to working with learners,
- understand curriculum and the organization of schools for teaching and learning,
- understand that teaching is inquiring,
- have content knowledge and are lifelong learners,
- value varying learning experiences and diversity, and determine and adjust teaching methods and strategies according to the needs of individual learners.

The Department of Teacher Education offers an undergraduate degree in Middle Grades Education and coordinates with other departments to prepare students for certification in the following areas: Secondary Education (Biology, English, History, and Mathematics), Music Education, Masters of Arts in Teaching degrees for English and Mathematics. The department also offers a Master of Education with a Major in Teacher Leadership. Graduate Program information can be found in the graduate catalog.

The Middle Grades Education program is designed to lead to certification in grades 4 thru 8 for teaching two concentrations among four areas: mathematics, science, social sciences and language arts. The teacher certification programs for teaching secondary (grades 6 thru 12) biology, English, history and mathematics are housed in the respective content departments. Refer to the Departments of English, Humanities, Mathematics, and Natural Sciences sections of this catalog for additional information. Faculty members from departments in the College of Arts and Sciences and the Department of Mathematics in the College of Informational and Mathematical Sciences teach the content subject courses and assist with field instruction. Education faculty members teach on-campus professional studies courses and some partnership field-based teachers collaborate with education faculty for providing field-based experiences and instruction.

The Music Education (P-12) program is designed to lead to certification for teaching music in grades P-12. The program's focus is three-prong: collaboration with the music program at Spivey Hall, field based instruction by practitioners within area schools as initially developed with the existing teacher education program, and provision of a technologically rich educational environment. Refer to the Department of Visual and Performing Arts section of this catalog for additional information.

The Master of Arts in Teaching programs are designed for individuals who seek certification to teach secondary mathematics or secondary English. Applicants should hold a bachelor's degree in mathematics, English, or related areas, and/or have a provisional teaching certificate in these disciplines. These initial certification programs will prepare interested persons to receive a master's degree while also preparing them to become certified to teach in the fields of secondary mathematics or secondary English. Refer to the Graduate Catalog for additional information.

Accreditation

Clayton State University is accredited by the Southern Association of Colleges and Schools (SACS). All education programs at Clayton State University have been approved by the Georgia Professional Standards Commission (GaPSC) and accredited by the National Council for the Accreditation of Teacher Education (NCATE).

CONCEPTUAL FRAMEWORK

The Clayton State University Teacher Education Unit has defined its theme through the Conceptual Framework. The Conceptual Framework promotes reflective practice, with an outline for preparing quality teachers who are competent, caring, committed, collaborative, and culturally responsive. These qualities are consistent with standards promoted by the Georgia Professional Standards Commission, National Council for the Accreditation of Teacher Education, and the Interstate New Teacher Assessment and Support Consortium.

ADMISSION POLICY

Students must meet the following criteria before being admitted to the Middle Grades program. More information about the application is available at general information sessions. Contact the Department of Teacher Education about the dates for these information sessions.

1. Admission to Clayton State University. (Transfer students who meet the criteria below may simultaneously submit applications for the University and for teacher education program admission—two separate application forms.)
2. Met with an Arts and Sciences Academic Advisor.
3. Completion of at least 45 semester hours of college credit. Grades of *A, B, C*, or *K* in all applicable Area A-F courses. Students are required to complete all courses in Areas A-F before admission to program.
4. Grades of A, B, C, or K in all applicable Areas A-F courses.
5. A cumulative Institutional Grade Point Average of 2.50 or higher based on all last attempted coursework
6. A cumulative Overall Grade Point Average of 2.50 or higher.
7. Successful completion of teacher education writing assessment with passing score
8. Grades of A, B, or C in EDUC 2110, EDUC 2120, and EDUC 2130
9. Attendance at a general information session sponsored by the Clayton State University Department of Teacher Education.

10. Passing scores or exemption on the GACE Basic Skills Assessment.
11. Submission of a one-page essay on why the applicant wants to be a teacher.
12. Submission of a background check dated no more than 30 days prior to application submission.
13. Attendance at a personal interview conducted by the Department of Teacher Education.

In order for a student to be eligible to begin and continue taking upper-division Teacher Education courses the following requirements must be met:

1. Written notification of program acceptance. (Meeting minimum admission standards does not guarantee acceptance.)
2. Middle Grades Education Candidates who select a teaching concentration in mathematics, must earn a grade of "C" or better in MATH 1113 (precalculus) and MATH 1231 (statistics) before declaring mathematics as a first or second teaching concentration. Passage of both MATH 1111 and MATH 1112A with a grade of "C" or better will be accepted as a substitute for MATH 1113.
3. Minimum competence in microcomputer applications as required by the Clayton State Notebook Computer Policy (refer to policy in this Clayton State University Catalog).
4. Signing of an affidavit to show compliance with Professional Standards Commission Standard II.A. (G10): "The education unit/program shall provide information to each candidate about professional ethical standards, background check, and clearance for certification and employment; and ensure that candidates admitted to the program are persons whose social and ethical behavior is acceptable as an e ducator." The affidavit form is provided upon formal notification of admission to the B.A. program. Teacher candidates must provide evidence of liability insurance and s uccessful background check clearance prior to participation in specific field-based or clinical experiences.

APPLICATION PROCEDURES

1. Applicants who meet the criteria explained above should submit a teacher education application form and supporting documentation to the Clayton State University Department of Teacher Education. (Application forms are available from the Department of Teacher Education.)
2. The application deadline for Teacher Education programs is posted in the Department of Teacher Education. (The deadline period is called an admission cycle.)
3. All complete and eligible applications received by the published deadlines will be considered for the available positions in the programs for the appropriate semester. Complete applications must include *all* required documentation. The date that an application is completed is not a factor in the admission decision process for applications received by the deadline.
4. Applicants not admitted during a given admission cycle and individuals who fall below minimum standards after notification of admission may, upon written request to the Department of Teacher Education, have their applications reconsidered during the next admission cycle. Reconsideration is not automatic; written request is required, and additional information may be submitted.
5. Applicants may submit their applications for Fall Semester admission by or before the last Friday in May. Any applications received after the May

deadline will be placed on a waiting list in the event a slot in the program becomes available.

6. Applicants selected for admission during each admission cycle will be notified in writing. The admission notice will indicate a date by which the individual must formally accept or decline admission; those who fail to respond within the allotted time will have their admission offers revoked, and their spaces will be allotted to other eligible applicants. Candidates admitted into the B.A. program will be assigned to an advisor in education for the junior and senior years.
7. A maximum of 21 semester hours of upper division transfer credit may be applied to the B.A. in middle level teacher education at Clayton State University. The following courses must be taken at Clayton State University: LART 3010, MATH 3010, SCI 3110, HIST 3110, EDUC 3000, 3001, 3010, 3020, 3100, 3350, 4001, 4002, 4710, 4712, and 4720. The Department of Teacher Education will evaluate equivalencies for other courses in the Middle Grades Education program. Every effort will be made to accept credit that is reasonably equivalent to Clayton State University courses. However, the University reserves the right to request additional documentation and/or to require specific site-based experiences or directed readings to validate credit and/or to meet certification requirements. Applicants will be notified in writing of such requirements.

PROVISIONAL ADMISSION POLICY

Provisional admission may be granted to students with no more than three core (Areas A-F) courses left to complete, students who have not successfully completed the Writing Assessment, and/or students who have not successfully completed the oral interview. Students granted provisional admission will have one academic year to complete all outstanding course requirements and one semester to complete all Writing Assessment and/or interview requirements.

READMISSION POLICY

Students who fail to maintain admission criteria after receiving written notification of program acceptance will have their admission revoked. Upon written request, such students will be reconsidered when they again meet the eligibility criteria and provide the following: a current background check, proof of SGAE or PAGE membership, evidence of liability insurance, and a signed acknowledgement of GaPSC Code of Ethics for Educators.

WRITING ASSESSMENT REQUIREMENTS

The teacher education programs place high emphasis on the ability of graduates to communicate effectively. Accordingly, these skills are assessed and monitored throughout the programs, and academic support is provided.

As stipulated in the Application and Admission Eligibility Standards section, all applicants applying to enter the Middle Grades Education program are assessed on writing using the Clayton State University Teacher Education Writing Assessment. Candidates have two opportunities to complete this assessment successfully with a score of 34 points with no area below 4. Candidates' writing skills will be reassessed in Language Arts (LART3010) during the first semester of enrollment. This course assessment includes multiple writing tasks and will provide candidates with a writing profile with criterion-referenced feedback. If a candidate's writing profile for this course is below the required program writing level of 39 with no area below 5, the candidate will be required to seek assistance at the Clayton State University Writer's Studio. This requirement for additional individualized help in writing will be in effect regardless of the candidate's grade in LART 3010 or other courses. Through writing experiences

in other teacher education courses and assistance at the Clayton State University Writer's Studio, the candidate's writing skills should continue to improve. Obtaining the required profile is a prerequisite for EDUC 4710 (fall semester of senior year internship) and may be accomplished as stated above or by retaking the Writing Assessment.

SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS

General University policies on good standing and academic and disciplinary probation and suspension apply to the teacher education programs. In addition to these policies Teacher Education students are required to maintain a cumulative Institutional Grade Point Average of 2.50 or higher based on all last attempted coursework and a cumulative Overall Grade Point Average of 2.50 or higher.

Due to the sensitive nature of working with children and youth in authentic school settings, the following additional standard applies: Any faculty member or administrator of the University and/or a cooperating school system may immediately remove a candidate from an on-site setting if, in that person's professional judgment, the candidate has acted in an inappropriate manner involving children or youth. The Coordinator for Educational Field Experiences and/or the Department Head for Teacher Education/Director of Professional Education Programs will investigate the case in an expeditious manner. The Department Head will issue a written ruling to the candidate with copies to the Dean of Arts and Sciences and the Provost/Vice President for Academic Affairs. Depending on the circumstances, the ruling may include exoneration, admonishment, probation, suspension of reasonable duration, or dismissal. Appeals may be initiated according to established University Academic Appeal policy.

In order to be placed in the senior year internship, which begins at the end of July or beginning of August, depending on the school year calendars of the six partnership school districts, candidates must have in place the following:

1. A cumulative Overall GPA of 2.50 or higher.
2. A cumulative Institutional GPA of 2.50 or higher based on all last attempted coursework.
3. Completion of each course in the program sequence with a grade of *C* or higher (or *K*).
4. Successful completion of the program writing profile. (Middle Grades Education majors).
5. Endorsement of the junior year by the Professional Education Programs Committee (PEPC).
6. An updated background check.
7. Renewal of liability insurance coverage.

Course overloads will not be permitted during enrollment in the full-time senior internship.

TEACHER CERTIFICATION

In Georgia, to receive certification to teach, individuals must document having met criteria endorsed by the Georgia Professional Standards Commission, including successful completion of the GACE Content Assessment(s). Fingerprinting and FBI background checks are required for professional employment in Georgia public schools. An applicant for certification in Georgia must comply with the ethical standards of the profession. Additional information and Georgia certification applications are available online at www.gapsc.com.

The Department of Teacher Education will assist students in submitting proper documentation to the Georgia Professional Standards Commission.

HONOR SOCIETIES AND CLUBS

The Clayton State University Teacher Education Club, the Student Georgia Association of Educators (SGAE), the Student Professional Association of Georgia Educators (SPAGE), and the **Collegiate Middle Level Association (CMLA)** are among the honor societies, clubs, and service organizations designed to support and supplement the educational and professional development of students.

Bachelor of Arts in Middle Level Education

The B.A. in Middle Level Education was developed through a collaborative partnership of classroom teachers, education experts, and Clayton State University faculty. The Clayton State University teacher education programs are maintained in partnership with seven county school systems in the University's primary service area—Clayton, Dekalb, Fayette, Fulton, Henry, Rockdale, and Spalding. All on-site education field experiences will be provided by these systems. The Teacher Education Advisory Council serves as an external advisory group for teacher education programs.

BACHELOR OF ARTS IN MIDDLE LEVEL EDUCATION DEGREE PROGRAM REQUIREMENTS

No grades of D in any courses are allowed in any courses of the Teacher Education degree.

Core Curriculum (Areas A - E).....**42 hours**
All Middle Level Education Core Curriculum requirements are shown in the suggested degree program.

Lower Division Major Requirements
(Core Curriculum Area F) .....**18 hours**
EDUC 2110 Investigating Critical & Contemporary Issues in Education. ..... 3 hours
EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts ..... 3 hours
EDUC 2130 Exploring Learning and Teaching..... 3 hours
Courses appropriate to the teaching field..... 9 hours
Three courses must be chosen upon consultation with an advisor to support the first and second area of teaching concentrations. The following courses are recommended:

- Language Arts: ENGL 2111, ENGL 2112, ENGL 2121, ENGL 2122, or ENGL 2130;
- Mathematics: MATH 1112A, MATH 1113, MATH 1231, MATH 1241, or CSCI 1301;
- Natural Sciences: SCI 1901 (any topic not already taken in Area D2) or CHEM 1151/1151L (lab hour is excess credit);
- Social Studies: HIST 1111, HIST 1112, HIST 2111, HIST 2112, HIST 2750

Upper Division Requirements ..... **20 hours**
EDUC 3000 Teacher Education Seminar I (Institutional Credit Only) ..... 1 hour
EDUC 3001 Teacher Education Curriculum Seminar (Institutional Credit Only) ..... 1 hour
EDUC 3100 Middle Level Teaching Methods and Materials ..... 2 hours
EDUC 3010 Cognitive, Social/Affective and Physical Aspects of the Middle Level Learner ..... 3 hours
EDUC 3020 Instructional Technology for Teachers ..... 3 hours
EDUC 3030 Exploring the Exceptional Learner ..... 3 hours
EDUC 3040 ELL Principles and Strategies ..... 3 hours
EDUC 3350 Instructional Strategies for Individual and Interdisciplinary Teaching ..... 3 hours
EDUC 4001 Teacher Education Seminar II (Institutional Credit Only ..... 1 hour
EDUC 4002 Teacher Education Seminar III (Institutional Credit Only) ..... 1 hour
LART 3010 Teaching Reading and Writing in the Content Areas ..... 3 hours

First Teaching Field Requirements ..... **15 hours**
Select all 15 hours from one of the following areas:
Language Arts
ENGL 3100 Introduction to English Studies ..... 3 hours
ENGL 3210 Advanced Grammar ..... 3 hours
ENGL 4114 Adolescent Literature ..... 3 hours
LART 3120 Language Arts: Skills and Concepts 3.hours
ENGL 3000-4000 (Choose any 3000 or 4000 level course not previously taken.) ..... 3 hours
Mathematics
MATH 3010 Number Concepts and Relationships ..... 3 hours
MATH 3020 Concepts of Algebra ..... 3 hours
MATH 3030 Concepts of Geometry ..... 3 hours
MATH 4010 Mathematical Problem Solving: Advanced Concepts ..... 3 hours
MATH 4020 Concepts of Discrete Mathematics ..... 3 hours
Science
SCI 3110 Physical Science I ..... 2 hours
SCI 3110L Physical Science I Laboratory ..... 1 hour
SCI 3120 Physical Science II ..... 3 hours
SCI 3130 Integrated Science – Life Science ..... 3 hours
SCI 3140 Physical Science III ..... 3 hours
BIOL 3500 Ecology ..... 3 hours
Social Sciences
HIST 3110 Georgia History and Government ..... 3 hours
HIST 3800 World Historical Geography ..... 3 hours
HIST 4250 History of World Religions ..... 3 hours
HIST 4800 Selected Topics in World History ..... 3 hours
SOSC 4501 Social Studies Skills and Methods ..... 3 hours

Second Teaching Field Requirements ..... **12 hours**
Select all 12 hours from one of the following areas:
Language Arts
ENGL 3100 Introduction to English Studies ..... 3 hours
ENGL 3210 Advanced Grammar ..... 3 hours
ENGL 4114 Adolescent Literature ..... 3 hours
LART 3120 Language Arts: Skills and Concepts ..... 3 hours

Mathematics
MATH 3010 Number Concepts and Relationships..... 3 hours
MATH 3020 Concepts of Algebra ..... 3 hours
MATH 3030 Concepts of Geometry..... 3 hours
MATH 4010 Mathematical Problem Solving: Advanced Concepts..... 3 hours

Science
SCI 3110 Physical Science I ..... 2 hours
SCI 3110L Physical Science I Laboratory ..... 1 hour
SCI 3120 Physical Science II ..... 3 hours
SCI 3130 Integrated Science – Life Science ..... 3 hours
SCI 3140 Physical Science III ..... 3 hours

Social Sciences
HIST 3110 Georgia History and Government..... 3 hours
HIST 3800 World Historical Geography ..... 3 hours
HIST 4250 History of World Religions..... 3 hours
HIST 4800 Selected Topics in World History..... 3 hours

Internship Requirements.....**15 hours**
The following courses must be taken in sequence during the same school calendar year:
EDUC 4710 Middle Level Internship I..... 3 hours
EDUC 4712 Middle Level Internship IIA..... 3 hours
EDUC 4720 Middle Level Internship II Grades 4-8..... 9 hours

Total Degree Requirements.....**122 hours**

Other Program-Specific Graduation Requirements

1. Grades of *A, B, C,* or *K* in all courses used to meet program requirements and a minimum 2.50 Program GPA.
2. Minimum of 55 hours in residence at Clayton State University, including the following courses: LART 3010, MATH 3010, SCI 3110, HIST 3010, EDUC 3000, 3001, 3010, 3020, 3030, 3100, 3350, 4001, 4002, 4710, 4712, 4720.
3. Submission of a complete teacher work sample portfolio and exit interview assessment prepared in accordance with published guidelines to establish that the Unit Outcomes and Candidate Proficiencies have been met.
4. Participation in examinations, surveys, and any other required activities administered for purposes of program evaluation and program exit.

BACHELOR OF ARTS IN MIDDLE LEVEL EDUCATION SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. O ther courses are recommended selections from categories within the program requirements. Contact a teacher education advisor to receive advisement with the Middle Level Education Admission Worksheet for specific courses required for the common core curriculum, and for courses to support teaching concentrations.

FRESHMAN YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***

ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
CRIT 1101*	Critical Thinking	3	SOCI 1101	Introduction to Sociology	3
COMM 1110	Spoken Communication	3	POLS 1101*	American Government	3
EDUC 2110	Invest. Crit. & Contemp. Issues in Education	3	HIST 2111	US History to 1877	
MATH 1101	Intro to Math Modeling	3	*Or* HIST 2112	US Since Reconstruction	3
			HIST 1111	Pre-Modern World History	3
Total		***15***	***Total***		***15***

SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 2111 *Or* SPAN 2001	World Literature I Intermediate Spanish I	3	MUSC 2101 Or SPAN 2002	Music Appreciation Intermediate Spanish II	3
BIOL 1111	Introductory Biology I	3	BIOL 1112	Introductory Biology II	3
BIOL 1111L	Intro to Biology Laboratory	1		1st or 2nd Teaching Field Course	3
MATH 1231	Introductory Statistics	3		2nd Teaching Field Course	3
MATH 1241	Survey of Calculus	3	EDUC 2130*	Exploring Learning and Teaching	3
	1st Teaching Field Course	3	EDUC 3040*	ELL Principles and Strategies	
EDUC 2120*	Exploring Socio-Cultural Persp. on Div. in Educ. Contexts	3			
Total		***16***	***Total***		***15***

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
EDUC 3000*	Teacher Education Sem. I	1	EDUC 3350*	Instructional Strategies	3
EDUC 3010*	Middle Level Learner	3		1st Teaching Field Courses*	6
EDUC 3030*	Exploring the Exceptional Learner	3		2nd Teaching Field Courses*	6
LART 3010*	Teaching Reading and Writing in the Content Areas	3	EDUC 3001*	Teacher Education Curriculum Seminar	1
	1st Teaching Field Course*	3			
	2nd Teaching Field Course*	3			
EDUC 3100*	Middle Level Teaching Methods & Materials	2			
Total		***18***	***Total***		***16***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
EDUC 4001*	Teacher Ed Seminar II	1	EDUC 4002*	Teacher Ed Seminar III	1
EDUC 4710*	Middle Level Internship I	3	EDUC 4712*	Middle Level Internship IIA	3
	1st Teaching Field Courses	6	EDUC 4720*	Middle Level Internship II	9

	2nd Teaching Field Course	3	EDUC 3040	ELL Principles	3
EDUC 3020*	Instructional Technology	3			
Total		***16***	***Total***		***16***

Education Specialties Minor

The Education Specialties Minor has been developed to include a variety of education courses available to students in all degree programs. The current offerings include education courses in technology, gifted, special education, and English as a second language.

Education majors may take the courses in order to add an endorsement in ESL or Gifted Education or certification in Special Education. The Georgia Professional Standards Commission allows the issuance of endorsements to recognize additional expertise. Endorsements are designed to be added to teaching certificates as a way to add additional expertise. The minor will allow these students to add additional teaching areas which will give them more marketing power when searching for jobs.

The minor will also be available to students in other degree programs as well. Students from diverse programs such as English, psychology, and sociology will benefit from the opportunity to take the classes. At least one class in each track will be offered each semester. Because of the diverse group of students who will take the classes, there will not be significant impact on the course offerings of any single degree program.

The courses do not follow a sequence, so students may take the classes in any order. Education majors who are seeking an endorsement or additional certification will be guided in the course selection process.

Any undergraduate student may choose this minor. Students will declare the minor through the Duck. If education students wish to take the classes for an endorsement or additional certification, they must complete an application, the Intent to Seek an Endorsement form and submit it to the Department of Teacher Education before they will be allowed to take upper division course work.

Select five courses from the following (15 hours):

EDUC 2110 Investigating Critical/Contemporary Issues ..... 3 hours
EDUC 2120 Exploring Socio-Culture ..... 3 hours
EDUC 2130 Exploring Learning and Teaching ..... 3 hours
EDUC 3020 Instructional Technology for Teachers ..... 3 hours
EDUC 3030 Exploring the Exceptional Learner ..... 3 hours
EDUC 3032 Characteristics and Instructional Strategies for Students with Exceptionalities ..... 3 hours
EDUC 3033 Individual & Classroom Management for Students with Exceptionalities ..... 3 hours
EDUC 3034 Educational Evaluation of Exceptional Students ..... 3 hours
EDUC 3035 Curriculum & Instruction for Teaching Students with Mild Disabilities ..... 3 hours
EDUC 3036 Introduction to Materials and Methods in Reading Instruction ..... 3 hours
EDUC 3037 Practicum: Special Education General Curriculum: Consultative ..... 3 hours
EDUC 3040 Principles and Strategies for Teaching English Language Learners ..... 3 hours

EDUC 4050 C ultural Perspectives for Teachers of English Language Learners ..... 3 hours
EDUC 4060 Applied Linguistics for Teachers of English Language Learners..... 3 hours
EDUC 4701 Characteristics of Multicultural Gifted Learners ..... 3 hours
EDUC 4702 Identification and Assessment of Gifted Learners.....
EDUC 4703 Curriculum and Strategies for Gifted Learners .....
EDUC 4704 Program Development For Gifted Learners .....
EDUC 4700 Gifted Clinical Practice Internship.....
EDUC 4800 Special Topics in Education .....

- This minor consists of **15** semester credit hours.
- This minor does not, in itself, lead to certification. Students must be enrolled in an education program to obtain a teaching certificate.
- All courses must be completed with a grade of C or better.
- At least two upper division (3000/4000 level) courses must be completed at Clayton State University to fulfill residency requirements.
- Courses used to fulfill area A-E in core curriculum cannot be applied to the minor.

Department of Visual and Performing Arts

ADMINSTRATIVE OFFICER

Susan Tusing, *Department Chair*

FACULTY

Richard Bell, *Instrumental Music, Music Education*
Virginia Bonner, *Film and Media Studies*
A. Randall Clark, *Journalism*
Jonathan Harris, *Media Studies*
Adam Howarth, *Theatre*
Christina T. Howell, *Vocal Music*
Kathleen Kelly, *Musical Theatre*
Kristin M. Lyman, *Music Education, Percussion*
Mark May, *Communication*
Susan L. McFarlane-Alvarez, *Communication*
Philip F. Moody, *Music*
Michiko Otaki, *Piano*
Steven A. Spence, *Media Studies*
Shontelle Thrash, *Theatre and Communication*
Susan Tusing, *Music*
Mark Watson, *Art History*
Alan Xie, *Art*
Shawn D. Young, *Music*
Kurt-Alexander N. Zeller, *Vocal Music, Opera*

Mission

Consistent with the mission statements of Clayton State University and its College of Arts and Sciences, the Department of Visual and Performing Arts serves the community through its excellence in teaching, research, and creative endeavors. The department's diverse programs are linked by their commitment to nurturing creativity and professional expertise. Working with a professionally active faculty, students learn, create, and develop skills in a supportive environment. Graduates of our programs are equipped to excel in advanced studies or professional careers.

The Department of Visual and Performing Arts strives to be an artistic and cultural resource for the region by presenting concerts, lectures, theatrical performances, and community education. The faculty is committed to the personal growth of their students by sharing their skills and knowledge and continuing their own professional development as artists, scholars, and educators.

The Department of Visual and Performing Arts offers the Bachelor of Arts degree in Communication and Media Studies *(with concentrations in Media Production, Communication and Human Relations, and Media and Cultural Studies)*, Music, and Theatre; and the Bachelor of Music degree, with concentrations in Music Performance and Music Education. The Department offers minors in Art, Communication and Media Studies, Corporate Communication, Film, Music, and Theatre.

Clayton State University is an accredited institutional member of the National Association of Schools of Music.

Bachelor of Arts in Communication and Media Studies

The Bachelor of Arts in Communication and Media Studies equips graduates with a solid theoretical and historical understanding of human communication, combined with practical skills in professional writing and speaking. Students in the CMS program may elect to focus their degree studies in Media Production, Communication and Human Relations, or Media and Cultural Studies.

Student organizations that are designed to support, augment, and supplement the educational and professional development of students in the CMS program include the *Bent Tree* (student newspaper), and CSU Radio and Television.

COMMUNICATION AND MEDIA STUDIES LEARNING OUTCOMES

Graduates of the B.A. program in Communication and Media Studies will demonstrate the following characteristics:

1. Communicate effectively using multiple channels of communication;
2. Conduct primary and secondary research on media products and communicative practices;
3. Critically analyze the aesthetic dimensions and layered meanings of past and present communication and media products;
4. Understand theoretical perspectives on communication, media and global culture;
5. Apply media aesthetics to the production of communication vehicles using appropriate technologies; and,
6. Demonstrate an understanding of ethical theories, professional standards and legal constraints in communication and media environments.

ADMISSION AND READMISSION REQUIREMENTS

Before beginning upper-division study in Communications and M edia Studies, applicants must:

1. Have completed 45 semester credit hours;
2. Have completed ENGL 1102, COMM 1110, CMS 2010, and CMS 2100 with grades of A, B, C, or K;
3. Have achieved a Grade Point Average (GPA) of at least 2.5 in all ENGL, COMM, and CMS classes applied toward Areas A-F, whether completed at CSU or at other institutions;
4. Have successfully completed the CMS program-entry writing assessment.

SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS

To remain in the Communication and Media Studies program, students must meet the following progress requirements:

1. Program-entry assessments of writing skills are administered as a part of the CMS admissions process. Details about the CMS writing assessment can be obtained from the CMS Coordinator
2. Program exit assessments in writing skills are administered in the senior seminar, CMS 4500 (Global Contexts in Communication and Media Studies). In order to earn a g rade of *C* or higher in CMS 4500, Communication and Media Studies students will need to pass these assessments.

BACHELOR OF ARTS IN COMMUNICATION AND MEDIA STUDIES DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**

**COMM 1110 is a pre-requisite course for several courses in the CMS program and is recommended for fulfilling the Area B2 core requirement.*

Lower Division Core Requirements (Core Curriculum Area F).....**18 hours**

F1. International Language*..... 0-9 hours
F2. CMS 2010 Introduction to Media Studies..... 3 hours
F3. CMS 2100 Introduction to Film..... 3 hours
F4. Media Production or Aesthetics.....3-12 hours
Select from: ART 1104 2D Design & Color Theory; CMS 2410 Digital Imaging I; CMS 2420 Introduction to Field Production; PHIL 2040 Introduction to Aesthetics; THEA 1880 Introduction to Acting

**International Language courses: FREN 1001, FREN 1002, FREN 2001, FREN 2002, SPAN 1001, SPAN 1002, SPAN 2001, SPAN 2002*

Major Area Core Requirements.....21 hours

CMS 3020 Research Methods..... 3 hours
CMS 3101 Media and Culture..... 3 hours
CMS 3200 History of Communication..... 3 hours
COMM 3300 Interpersonal Communication..... 3 hours
COMM 3210 Communication Theory..... 3 hours
CMS 3710 Writing for Digital Media..... 3 hours
CMS 4500 Global Contexts in CMS..... 3 hours

Internship/Experiential Learning .....3-12 hours

CMS 3901 Internship..... 3-9 hours
CMS 3902, CMS 3903, CSU 2500, JOUR 3011, or JOUR 3012..... 0-9 hours

CMS Electives Concentration Requirements.....21-30 hours

CMS students may satisfy their 21-30 hours of CMS Concentration Area Requirements by taking any 3000-4000 level class with a C MS prefix (not designated to be used elsewhere in the upper division requirements), any 3000-4000 level class with a COMM prefix (not designated to be used elsewhere in the upper division requirements), or ENGL 3800, ENGL 3900, ENGL 4011, MUSC 3102, MUSC 4102, THEA 3101, THEA 3800, THEA 4861. Students who wish to earn a concentration must take a minimum of 21 hours of the courses approved below in one of the three concentrations: Media Production; Communication and Human Relations; and Media and Cultural Studies.

Media Production Concentration

(Students in this concentration must take CMS 2420 Introduction to Field Production and CMS 2410 Digital Imaging I in Area F4.)

CMS 3400 Communication Law..... 3 hours
CMS 3500 Writing and Editing for Mass Media..... 3 hours
CMS 3720 New Media Design..... 3 hours
CMS 3903 Advanced Media Production..... 3 hours
CMS 3410 Lighting for Motion Pictures..... 3 hours
CMS 3420 Audio Recording & Sound Design..... 3 hours
CMS 4410 Digital Video Production..... 3 hours

CMS 4450 Digital Video Post-production ..... 3 hours
CMS 4490 Modes of Video Production ..... 3 hours
(may be repeated with different topics)
THEA 4861 Acting for the Camera ..... 3 hours

Communication and Human Relations Concentration

COMM 3015 Research Design and Analysis ..... 3 hours
COMM 3100 Professional Communication ..... 3 hours
COMM 3310 Communication in Context ..... 3 hours
(may be repeated with different topics)
COMM 3340 Persuasion ..... 3 hours
COMM 3330 Rhetorical Criticism ..... 3 hours
CMS 3400 Communication Law ..... 3 hours
COMM 4100 Organizational Communication ..... 3 hours
COMM 4200 Nonverbal Communication ..... 3 hours
COMM 4210 Interracial Communication ..... 3 hours
COMM 4510 Intercultural Communication ..... 3 hours
CMS 4800 Special Topics ..... 3 hours
(may be repeated with different topics, up to 9 credit hours)
THEA 4861 Acting for the Camera ..... 3 hours

Media and Cultural Studies Concentration

CMS 3310 Film History ..... 3 hours
CMS 3340 National Cinemas ..... 3 hours
CMS 3810 Women and Popular Culture ..... 3 hours
CMS 4310 Film Analysis and Criticism ..... 3 hours
CMS 4320 Women and Film ..... 3 hours
CMS 4330 Film Genres ..... 3 hours
(may be repeated with different topics)
CMS 4800 Selected Topics ..... 3 hours
(may be repeated with different topics, up to 9 credit hours)
CMS 4810 Women and the Arts ..... 3 hours
ENGL 4011 Literary Theory ..... 3 hours
MUSC 3102 History of Popular Music ..... 3 hours
MUSC 4102 Politics of Music and Culture ..... 3 hours
THEA 3101 Theater, Cinema, and Society ..... 3 hours

Minor/Guided Electives .....6-15 hours

Total.....120 hours

Other Program-Specific Graduation Requirements

1. Communication and Media Studies students must earn a grade of C or higher for all courses applied toward upper-division requirements.

2. Foreign Language through the 2002 level is required for the B.A. in CMS.

3. CMS majors are encouraged to complete a minor in another discipline. Students should discuss options with their advisors, and they should then contact the department responsible for administering the minor for details on its requirements. If you choose not to pursue a minor, you must consult with your CMS advisor to select electives appropriate to your educational and/or career objectives. All courses applied must be

offered by departments within the College of Arts and Sciences. No more than 9 hours of courses applied to Minor/Guided Electives may be 1000- or 2000-level.

BACHELOR OF ARTS IN COMMUNICATION AND MEDIA STUDIES SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. O ther courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
CRIT 1101*	Critical Thinking	3	SPAN 1002	Elementary Spanish II	3
CMS 2100*	Introduction to Film	3	COMM 1110*	Spoken Communication	3
PSYC 1101	Intro General Psychology		POLS 1101*	American Government	3
Or SOCI 1101	Introduction to Sociology	3	HIST 1111	Pre-Modern World History	3
MATH 1101*	Intro to Math Modeling	3			
Total		***15***	***Total***		***15***

SOPHOMORE YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
SPAN 2001	Intermediate Spanish I	3	SPAN 2002	Intermediate Spanish II	3
HIST 2111	US History to 1877		ENGL*	Literature Requirement	3
Or HIST 2112	US Since Reconstruction	3	BIOL 1112	Introductory Biology II	3
CMS 2010*	Intro. to Media Studies	3	MATH 1231	Introductory Statistics	3
BIOL 1111	Introductory Biology I	3	CMS 2410 Or CMS 2420	Digital Imaging Intro to Field Production	3
BIOL 1111L	Intro to Biology Laboratory	1			
ART 2302	Art of the Modern World	3			
Total		***16***	***Total***		***15***

JUNIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
CMS 3020*	Research Methods	3	CMS 3200*	History of Communication	3
CMS 3101*	Media and Culture	3	CMS 3710*	Writing for Digital Media	3
CMS 3210*	Communication Theory	3	CMS	Internship/Practicum	3

			3901*		
COMM/CMS 3000-4000 Level	Concentration Course	3	CMS 3300*	Interpersonal Communication	3
	Guided Elective	6	CMS 3400	Concentration Course	3
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
CMS 3901	Internship/Practicum	3	CMS 4500*	Global Contexts	3
COMM/CMS 3000-4000 Level	Concentration Courses	9	CMS/ COMM 3400	Concentration Courses	9
	Guided Elective	3		Guided Elective	3
Total		***15***	***Total***		***15***

Minor Program in Communication and Media Studies

The minor program in Communication and Media Studies focuses on broad-based and adaptable skills that can enrich the lives of graduates in many diverse fields. The ability to write and speak well, the ability to think critically about differing media and modes of communication, the ability to recognize quality in written, visual, and multimedia texts—these are fundamental skills for life within a culture increasingly defined by the movement of information.

Students wishing to declare a minor in CMS will complete the same application process required to become a CMS major. Before admittance to the minor program, students must complete four courses with a combined GPA of at least 2.5:

- ENGL 1102 Composition II
- CMS 2010 Introduction to Media Studies
- CMS 2100 Introduction to Film
- COMM 1110 Spoken Communication

In addition, applicants must successfully complete a w riting assessment administered by the Testing Center and evaluated by the CMS core faculty. Once these requirements are met, students will be admitted to the CMS minor and will be able to enroll in all upper-division CMS classes.

Students who choose to apply either CMS 2100 or COMM 1110 toward their General Education core requirements must substitute another course to meet the 18-hour requirement for the CMS minor. As substitutes, students may use any 3000-level or higher course with a CMS or COMM prefix, except the internship classes CMS 3901, CMS 3902, or CMS 3903

COMMUNICATION AND MEDIA STUDIES MINOR PROGRAM REQUIREMENTS

Lower Division Requirements .....**9 hours**

CMS 2010 Introduction to Media Studies ..... 3 hours
CMS 2100 Introduction to Film..... 3 hours
COMM 1110 Spoken Communication ..... 3 hours

Upper Division Electives .....**9 hours**
Any 3000-level or higher course with a CMS or COMM prefix, except the internship classes CMS 3901, CMS 3902, or CMS 3903.

Total Program Requirements .....**18 hours**

Minor Program in Corporate Communication

The Minor in Corporate Communication provides students with understanding of, and preparation for careers in Corporate Communication. This minor:

- Prepares students for entering the workforce or earning advanced degrees in professional areas such as public relations, marketing, advertising, organizational communication and production/design.
- Develops and strengthens students' critical thinking and writing skills for success in all further academic and professional endeavors

The minor focuses on the following Communication and Media Studies learning outcomes:

- Communicate effectively, using multiple channels of communication; and
- Apply media aesthetics to the production of communication vehicles using appropriate technologies.

CORPORATE COMMUNICATION MINOR PROGRAM REQUIREMENTS

Required Courses (select two of the following courses).....6 hours
CMS 2410 Digital Imaging ..... 3 hours
CMS 3550 Introduction to Advertising..... 3 hours
CMS 3560 Introduction to Public Relations ..... 3 hours

Upper Division Electives (select four of the following courses)……12 hours
CMS 3110 Media Industries ..... 3 hours
CMS 3720 New Media Design ..... 3 hours
CMS 4560 Public Relations Principles and Practices ..... 3 hours
CMS 4580 Crisis and Change Communication ..... 3 hours
CMS 4800 Selected Topics in Communication and Media Studies
(with approved topic) ..... 3 hours
COMM 3460 Principles of Project Management..... 3 hours
COMM 4100 Organizational Communication ..... 3 hours

Note: Students may apply up to two classes (6 hours) from the following list of courses to satisfy the 12-hour Upper Division Elective requirement in the

Corporate Communication Minor
BUSA 3700 Business Ethics / Corporate Social Responsibility
COMM 3100 Professional Speaking..... 3 hours
COMM 3210 Communication Theory ..... 3 hours
COMM 3300 Interpersonal Communication ..... 3 hours

COMM 3440 Communication Technologies ..... 3 hours
CMS 3500 Writing for Mass Media ..... 3 hours
ENGL 3650 Writing for Non-Profits ..... 3 hours
ENGL 4900 Professional and Technical Writing ..... 3 hours

Total Program Requirements ..... **18 hours**

Minor Program in Film

The Film Minor prepares students for entering the workforce or earning graduate degrees in professional areas such as film performance, film studies, and film production/design. It develops and strengthens students' production, performance, critical thinking, and writing skills for success in all further academic and professional endeavors.

FILM MINOR PROGRAM REQUIREMENTS

Required Courses..... 6 hours
CMS 2100 Introduction to Film** ..... 3 hours
THEA 1880 Introduction to Acting ..... 3 hours
Upper-Division Electives (select four of the following courses)..... 12 hours
CMS 3310 Film History ..... 3 hours
CMS 3340 National Cinemas* ..... 3 hours
CMS 3410 Lighting for Motion Pictures ..... 3 hours
CMS 3420 Audio Recording & Sound Design ..... 3 hours
CMS 3903 Advanced Media Production** (with permission from the instructor and the Film Minor coordinator) ..... 3 hours
CMS 4310 Film Analysis and Criticism ..... 3 hours
CMS 4320 Women and Film ..... 3 hours
CMS 4330 Film Genres* ..... 3 hours
CMS 4410 Digital Video Production ..... 3 hours
CMS 4450 Digital Video Post-Production ..... 3 hours
CMS 4490 Modes of Video Production* ..... 3 hours
CMS 4800 Selected Topics in CMS* ..... 3 hours
CMS/THEA 3820 Screenwriting ..... 3 hours
THEA 3101 Theater, Cinema, and Society ..... 3 hours
THEA 3880 Acting 2 ..... 3 hours
THEA 4460 Voiceover ..... 3 hours
THEA 4800 Selected Topics* ..... 3 hours
THEA 4861 Acting for the Camera ..... 3 hours

**These courses may be repeated with different topics and permission from the Film Minor Coordinator or Department Chair.*
***Students who choose to apply CMS 2100 toward their General Education core requirements must substitute another of the 3-credit Upper-Division Electives to complete the 18-hour Film Minor.*

Total Program Requirements ..... **18 hours**

Minor Program in Corporate Communication

The Minor in Corporate Communication provides students with understanding of, and preparation for careers in Corporate Communication. This minor:

- Prepares students for entering the workforce or earning advanced degrees in professional areas such as public relations, marketing, advertising, organizational communication and production/design.
- Develops and strengthens students' critical thinking and writing skills for success in all further academic and professional endeavors

The minor focuses on the following Communication and Media Studies learning outcomes:

- Communicate effectively, using multiple channels of communication; and
- Apply media aesthetics to the production of communication vehicles using appropriate technologies.

CORPORATE COMMUNICATION MINOR PROGRAM REQUIREMENTS

Required Courses (select two of the following courses)……6 hours

CMS 2410 – Digital Imaging
CMS 3550 – Introduction to Advertising
CMS 3560 – Introduction to Public Relations

Upper Division Electives (select four of the following courses)……12 hours

CMS 3110 – Media Industries
CMS 3720 – New Media Design
CMS 4560 – Public Relations Principles and Practices
CMS 4580 – Crisis and Change Communication
CMS 4800 – Selected Topics in Communication and Media Studies (with approved topic)
COMM 3460 – Principles of Project Management
COMM 4100 – Organizational Communication

Note: Students may apply up to two classes (6 hours) from the following list of courses to satisfy the 12-hour Upper Division Elective requirement in the Corporate Communication Minor.

BUSA 3700 – Business Ethics / Corporate Social Responsibility
COMM 3100 – Professional Speaking
COMM 3210 – Communication Theory
COMM 3300 – Interpersonal Communication
COMM 3440 – Communication Technologies
COMM 3500 – Writing for Mass Media
ENGL 3650 – Writing for Non-Profits
ENGL 4900 – Professional and Technical Writing

Minor Program in Film

The Film Minor prepares students for entering the workforce or earning graduate degrees in professional areas such as film performance, film studies, and film production/design. It develops and strengthens students' production,

performance, critical thinking, and writing skills for success in all further academic and professional endeavors.

FILM MINOR PROGRAM REQUIREMENTS

Required Courses..…….. 6 hours
CMS 2100 – Introduction to Film**
THEA 1880 – Introduction to Acting
Upper-Division Electives (select four of the following courses)……12 hours
CMS 3310 – Film History
CMS 3340 – National Cinemas*
CMS 3410 – Lighting for Motion Pictures
CMS 3420 – Audio Recording & Sound Design
CMS 3903 – Advanced Media Production** (with permission from the instructor and the Film Minor coordinator)
CMS 4310 – Film Analysis and Criticism
CMS 4320 – Women and Film
CMS 4330 – Film Genres*
CMS 4410 – Digital Video Production
CMS 4450 – Digital Video Post-Production
CMS 4490 – Modes of Video Production*
CMS 4800 – Selected Topics in CMS*
CMS/THEA 3820 – Screenwriting
THEA 3101 – Theater, Cinema, and Society
THEA 3880 – Acting 2
THEA 4460 – Voiceover
THEA 4800 – Selected Topics*
THEA 4861 – Acting for the Camera

**These courses may be repeated with different topics and permission from the Film Minor Coordinator or Department Chair.*
***Students who choose to apply CMS 2100 toward their General Education core requirements must substitute another of the 3-credit Upper-Division Electives to complete the 18-hour Film Minor.*

Bachelor of Arts in Music

The Clayton State Division of Music, a program in the Department of Visual and Performing Arts, is an accredited institutional member of the National Association of Schools of Music. Our mission is to provide:

- Professional preparation for performers, educators, scholars, and creators
- Broad-based liberal arts education in music
- Service to the university and the public through performance and community engagement

The Division of Music within the Department of Visual and Performing Arts seeks to serve the Southern Crescent region of Atlanta as the leader for the study of music in the areas of performance, education, and entrepreneurship.

The Bachelor of Arts degree in Music is a liberal arts degree in which students may tailor their studies to their specific musical interests.

BACHELOR OF ARTS IN MUSIC LEARNING OUTCOMES

1. Hear, identify and manipulate in sound and notation the elements of music such as rhythm, melody, harmony, structure, timbre, and texture.
2. Demonstrate proficiency in solo and collaborative performance skills including competency in sight reading and realizing a variety of musical styles.
3. Think, speak and write clearly and effectively about music and related fields.

HONOR SOCIETIES AND CLUBS

Several honor societies, clubs, and service organizations are designed to support, augment, and supplement the educational and pr ofessional development of music students, including Mu Phi Epsilon (Coeducational Professional Music Fraternity), National Association for Music Education (NAME Collegiate), and Music and Entertainment Industry Student Association.

ADMISSION

Students who wish to major or minor in music must audition for members of the music faculty. Information about music auditions is available from the office of the Department of Visual and Performing Arts. In addition, music students must pass a Sophomore Barrier before enrolling in certain 3000- or 4000-level music courses.

BACHELOR OF ARTS IN MUSIC DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A-E).....42 hours

Lower-Division Core Requirements in Major (Area F) .....18 hours

MUSC 1011 Music Theory I ..... 3 hours
MUSC 1012 Music Theory II ..... 3 hours
MUSC 1111 Aural Skills I ..... 1 hour
MUSC 1112 Aural Skills II ..... 1 hour
MUSC 1710 Major Ensemble (4 semesters) ..... 4 hours
MUSC 2500 Applied Music (3 semesters)..... 6 hours

Major Area Requirements.....26 hours

MUSC 0890 Recital Attendance; 6 semesters..... 0 hours
MUSC 2011 Music Theory III..... 3 hours
MUSC 2012 Music Theory IV ..... 3 hours
MUSC 2111 Aural Skills III ..... 1 hour
MUSC 2112 Aural Skills IV..... 1 hour
MUSC 2152 Class Piano IV ..... 1 hour
MUSC 2500 Applied Music (1 semester)..... 2 hours
MUSC 3614 Music History Survey I..... 3 hours
MUSC 3615 Music History Survey II..... 3 hours
MUSC 3220 Introduction to Music Technology..... 3 hours
MUSC 3820 Improvisation..... 1 hour
Select two semesters, among:..... 2 hours
MUSC 3410 Major Ensemble
MUSC 3510 Chamber Ensemble
MUSC 3550 Accompanying
MUSC 3570 Music Drama Workshop

MUSC 4990 Music Capstone ..... 3 hours

Music Emphasis Courses.....12 hours

Students must complete 12 hours of MUSC or DANC courses (exclusive of MUSC 2101) beyond the requirements above to fulfill this degree requirement.

Electives .....22 hours

A minimum of 18 of these Elective hours must be courses with prefixes other than MUSC. It is recommended that students complete a non-music minor. Students may not complete more than 27 credit hours of courses in the College of Business

TOTAL:.....120 hours

Other Program-Specific Graduation Requirements

1. MUSC 2301 (Introduction to World Music) must be taken as an elective if not taken in Area C2 of the Core Curriculum.
2. No grades of D in upper-division courses are allowed in the Bachelor of Arts in Music degree program. Upper-division courses are all courses other than those of Areas A through F of the core curriculum. 1000- or 2000-level courses used in the upper division are included in this restriction. In addition, no grades of D are allowed for any MUSC course at any level.
3. To graduate with a B.A. degree, students must demonstrate proficiency in keyboard skills, in ear training, and in performance and must attend performances and forums. Students must pass the Sophomore Barrier (usually at the end of the sophomore year) in order to enroll in upper-division applied music courses. The B.A. degree requires successful completion of the music capstone.
4. No more than 27 credit hours of elective courses in the College of Business can be used to satisfy graduation requirement under this program.
5. A minimum of 39 hours of 3000- or 4000-level courses is required for graduation.

BACHELOR OF ARTS IN MUSIC SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. Other courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MUSC 1011	Music Theory I	3	MUSC 1012*	Music Theory II	3
MUSC 1111*	Aural Skills I	1	MUSC 1112*	Aural Skills II	1
MUSC 1151*	Class Piano I	1	MUSC 1152*	Class Piano II	1

MUSC 1710*	Major Ensemble	1	MUSC 1710*	Major Ensemble	1
MUSC 2500*	Applied Music	2	MUSC 2500*	Applied Music	2
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
CSU1022*	University Foundations	2	COMM 1001	Presentational Speaking	1
MATH 1101	Intro to Math Modeling	3	COMM 1002	Presentation Applications	1
MUSC 0890*	Recital Attendance	0	MUSC 0890*	Recital Attendance	0
			HIST 2111	US History to 1877	3
Total		***16***	***Total***		***16***

SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MUSC 2011*	Music Theory III	3	MUSC 2012*	Music Theory IV	3
MUSC 2111*	Aural Skills III	1	MUSC 2112*	Aural Skills IV	1
MUSC 2151	Class Piano III	1	MUSC 2152	Class Piano IV	1
MUSC 1710*	Major Ensemble	1	MUSC 1710*	Major Ensemble	1
MUSC 2500*	Applied Music	2	MUSC 2500*	Applied Music	2
MUSC 2301*	Introduction to World Music	3	CRIT 1101	Critical Thinking	3
PSYC 1101	Intro General Psychology	3	MATH 1231	Introductory Statistics	3
HIST 1111	Pre-Modern World History	3	POLS 1101*	American Government	3
MUSC 0890*	Recital Attendance	0	MUSC 0890*	Recital Attendance	0
Total		***17***	***Total***		***17***

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MUSC 3614*	Music History Survey I	3	MUSC 3615*	Music History Survey II	3
	MUSC Ensemble	1		MUSC Ensemble	1
MUSC 3220*	Music Technology	3		Non-Music Electives	3
MUSC 3820*	Improvisation	1	BIOL 1112	Introductory Biology II	3
BIOL 1111	Introductory Biology I	3		MUSC/DANC	3
BIOL 1111L	Intro to Biology Laboratory	1	ENGL 2111	World Literature	3
	MUSC/DANC Elective	3	MUSC 0890*	Recital Attendance	0
MUSC 0890*	Recital Attendance	0			
Total		***15***	***Total***		***16***

SENIOR YEAR

First Semester			Second Semester		
Course	**Title**	**Hours**	**Course**	**Title**	**Hours**
	MUSC/DANC Electives	9		MUSC/DANC Electives	3
	Non-Music Elective	3		Non-Music Electives	3
	Guided Electives	3		Guided Electives	4
			MUSC 4990*	Music Capstone	3
Total		**15**	**Total**		**13**

Bachelor of Music

The Clayton State Division of Music, a program in the Department of Visual and Performing Arts, is an accredited institutional member of the National Association of Schools of Music. Our mission is to provide:

- Professional preparation for performers, educators, scholars, and creators
- Broad-based liberal arts education in music
- Service to the university and the public through performance and community engagement

The Division of Music within the Department of Visual and Performing Arts seeks to serve the Southern Crescent region of Atlanta as the leader for the study of music in the areas of performance, education, and entrepreneurship.

The Bachelor of Music is a professional music degree. Students in this program select a concentration in either performance or music education.

BACHELOR OF MUSIC LEARNING OUTCOMES

1. Hear, identify and manipulate with fluency in sound and notation the elements of music such as rhythm, melody, harmony, structure, timbre, and texture.
2. Demonstrate professional competence in solo and collaborative performance including technical mastery, sight-reading, interpretive skill and artistic self-expression.
3. Think, speak and write clearly and effectively about music.
4. Develop teaching skills in the performance medium.

HONOR SOCIETIES AND CLUBS

Several honor societies, clubs, and service organizations are designed to support, augment, and supplement the educational and pr ofessional development of music students, including Mu Phi Epsilon (Coeducational Professional Music Fraternity), National Association for Music Education (NAME Collegiate), and Music and Entertainment Industry Student Association.

ADMISSION

Students who wish to major or minor in music must audition for members of the music faculty. Information about music auditions is available from the office of the Department of Visual and Performing Arts. In addition, music students must pass a Sophomore Barrier before enrolling in certain 3000- or 4000-level music courses.

MISSION AND READMISSION REQUIREMENTS INTO THE MUSIC EDUCATION CERTIFICATION PROGRAM

Students must meet the following criteria before submitting their applications for admission into the teacher education certification program. Contact the Division of Music or the Department of Teacher Education for more information or an application.

1. Admission to Clayton State University. (Transfer students who meet the criteria below may simultaneously submit applications for the University and for teacher education program admission—two separate application forms.)
2. Completion of at least 45 semester hours of college credit (minimum requirement to submit application). Students are required to complete all Area F courses, MUSC 2900, and MUSC 2301.
3. Grades of A, B, C, or K in all applicable Areas A-F courses. Students must have a grade of C or better in ALL courses required for the degree.
4. A cumulative Institutional Grade Point Average of 2.50.
5. A Program Grade Point Average of 2.50 based upon all coursework last attempted in Areas A-F.
6. Successful completion of MUSC 2900 with a grade of C or better with documentation of 35 field experience hours.
7. Successful completion of MUSC 2301 with a grade of C or better.

In order for a student to be eligible to begin taking upper-division courses in teacher education, the following requirements must be met:

1. Written notification of program acceptance. (Meeting minimum admission standards does not guarantee acceptance.)
2. Completion of *all Area F* courses and a minimum of 24 hours in Areas A-E of the Core Curriculum and MUSC 2900 and MUSC 2301 with grades of *A, B, C*, or *K*.
3. Maintenance of the 2.50 or better Program Grade Point Average as explained above and a 2.5 or better institutional Grade Point Average.
4. Submit a one-page essay on why you want to be a music teacher.
5. Successful completion of Sophomore Barrier – Music Education
6. Documentation of teaching observations (this is satisfied in EDUC 2110, 2120, or 2130 at CSU)
7. Completion of the GACE Basic Skills Assessment. The Georgia Professional Standards Commission (GPSC) has adopted the following policy: "Students will be required to pass all sections (reading, writing, and mathematics) of an academic skills test prior to entry into the preparation program for their initial educator certificate as of July 1, 1997.‖ The assessment is GACE Basic Skills Assessment, developed and administered by National Evaluations Systems, Inc. (NES). Contact the Department of Teacher Education for further information. (Note: Testing requirements will be updated in accordance with GPSC regulations.)
8. Signing of an affidavit to show compliance with Professional Standards Commission Standard II.A. (G10): "The education unit/program shall provide information to each candidate about professional ethical standards, background check, and clearance for certification and employment; and ensure that candidates admitted to the program are persons whose social and ethical behavior is acceptable as an educator." The affidavit form is provided upon formal notification of admission to the B.A. or B.M. program.
9. A background check. (Conducted by Clayton State Public Safety. A $10.00 processing fee is required and will be at the expense of the applicant.)

10. Provide evidence of liability insurance and successful background check clearance prior to participation in specific field-based or clinical experiences when required.

APPLICATION PROCEDURES

1. Applicants who meet the criteria explained above should submit a teacher education certification application form and supporting documentation to the Clayton State University Director of Music Education or the Department of Teacher Education. (Application forms are available from the Division of Music Handbook and the Department of Teacher Education.)
2. The application deadline for Teacher Education programs is posted in the Department of Teacher Education. (The deadline period is called an admission cycle.)
3. All complete and eligible applications received by the published deadlines will be considered for the available positions in the programs for the appropriate semester. (Complete applications must include *all* required documentation. The date that an application is completed is not a factor in the admission decision process for applications received by the deadline.)
4. Applicants not admitted during a given admission cycle and individuals who fall below minimum standards after notification of admission may, upon written request to the Department of Teacher Education, have their applications reconsidered during the next admission cycle. Reconsideration is not automatic; written request is required, and additional information may be submitted.
5. Applicants may submit their applications for Fall Semester admission between April 1 and the last Friday in May. Any applications received after the May deadline will be placed on a waiting list in the event a slot in the programs becomes available. Applicants may submit their applications for Spring Semester admission between September1 and the last Friday in October. Any applications received after the October deadline will be placed on a waiting list in the event a slot in the programs becomes available.
6. Applicants selected for admission during each admission cycle will be notified in writing. The admission notice will indicate a date by which the individual must formally accept or decline admission; those who fail to respond within the allotted time will have their admission offers revoked, and their spaces will be allotted to other eligible applicants.

SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS

General University policies on good standing and academic and disciplinary probation and suspension apply to the teacher education programs (except that for teacher education the standard is a 2.50 cumulative Program GPA on the last attempt of courses taken to meet program requirements, and a cumulative Institutional GPA of 2.50 rather than a 2.00 Institutional GPA). Due to the sensitive nature of working with children and youth in authentic school settings, the following additional standard applies: *Any faculty member or administrator of the University and/or a cooperating school system may immediately remove a candidate from an on-site setting if, in that person's professional judgment, the candidate has acted in an inappropriate manner involving children or youth. The Coordinator for Educational Field Experiences and/or the Department Head for Teacher Education/Director of Professional Education Programs will investigate the case in an expeditious manner. The department head will issue a written ruling to the candidate with copies to the Dean of Arts and Sciences and the Provost/Vice President for Academic Affairs. Depending on the circumstances, the ruling may include exoneration, admonishment, probation, suspension of*

reasonable duration, or dismissal. Appeals may be initiated according to established University Academic Appeal policy.

STUDENT TEACHING/SENIOR INTERNSHIP

In order to be placed in the student teaching/senior year internship, which begins during the first week or pre-planning week at the end of July or beginning of August, depending on the school year calendars of the six partnership school districts, candidates must have in place the following:

1. A cumulative Program GPA of 2.50 or higher.
2. A cumulative Institutional GPA of 2.50 or higher.
3. Completion of each course in the program sequence with a grade of *C* or higher (or *K*).
4. Endorsement of the junior year by the Professional Education Programs Committee (PEPC).
5. Passage of an updated background check.
6. Renewal of liability insurance coverage.

Course overloads will not be permitted during enrollment in the full-time student teaching/senior internship. The student may only be enrolled in student teaching/senior internship

TEACHER CERTIFICATION

In Georgia, to receive certification to teach, individuals must document having met criteria endorsed by the Professional Standards Commission, including successful completion of the GACE Content Assessment(s). Application forms to apply for Georgia certification are available online at www.gapsc.com. It is the applicant's responsibility to request the application and complete the submissions process. The application, a completed recommendation form, and official transcript from all colleges and universities attended may be submitted to the Professional Standards Commission (PSC) in a single package. However, the Teacher Education Department will submit all application packages as a bundle to the PSC.

BACHELOR OF MUSIC DEGREE PROGRAM REQUIREMENTS

Students select a concentration in music performance or music education. Areas A-F and the Major Requirements are the same for both concentrations.

Core Curriculum (Areas A - E).....**42 hours**

Lower Division Major Core Requirements
(Core Curriculum Area F).....**18 hours**
MUSC 1011 Music Theory I..... 3 hours
MUSC 1012 Music Theory II..... 3 hours
MUSC 1111 Aural Skills I..... 1 hour
MUSC 1112 Aural Skills II..... 1 hour
MUSC 1710 Major Ensemble (4 semesters)..... 4 hours
MUSC 2011 Music Theory III..... 3 hours
MUSC 2012 Music Theory IV..... 3 hours

Major Requirements .....12 hours
MUSC 0890 Recital Attendance ..... 6 semesters (0 hours)
MUSC 2111 Aural Skills III..... 1 hour

MUSC 2112 Aural Skills IV ..... 1 hour
MUSC 2152 Class Piano IV* ..... 1 hour
MUSC 3820 Improvisation ..... 1 hour
MUSC 3430 Conducting ..... 2 hours
MUSC 3614 Music History Survey I ..... 3 hours
MUSC 3615 Music History Survey II ..... 3 hours

*(*Students in the Piano Performance concentration will substitute an additional semester of MUSC 3510 or 3550 for MUSC 2152.)*

Select from one of the two concentrations below to complete the Bachelor of Music degree program (in addition to requirements listed above).

PERFORMANCE CONCENTRATION:

Performance Concentration Requirements..... 30 hours
MUSC 3410 Major Ensemble (4 semesters) ..... 4 hours
MUSC 2500 Applied Music (4 semesters) ..... 8 hours
MUSC 4500 Applied Music (4 semesters) ..... 8 hours
MUSC 3220 Introduction to Music Technology ..... 3 hours
MUSC 3970 Form and Analysis ..... 3 hours
MUSC 3890 Junior Recital ..... hours
MUSC 4890 Senior Recital ..... 0 hours
To be chosen from:
MUSC 3510, 3570, 3550 Ensemble ..... 4 hours

Performance Concentration Electives..... 5 hours
Select from among:
MUSC 2911 Jazz Theory I ..... 2 hours
MUSC 2912 Jazz Theory II ..... 2 hours
MUSC 3070 Counterpoint ..... 3 hours
MUSC 3080 Scoring and Arranging ..... 3 hours
MUSC 3310 Intro. to Music Ind. Studies ..... 3 hours
MUSC 4430 Advanced Conducting ..... 2 hours

Advanced Performance Requirements ..... 17 hours
Select all 17 hours from one of the following areas:

Vocal Performance
MUSC 1771 Diction for Singers I ..... 1 hour
MUSC 2771 Diction for Singers II ..... 1 hour
MUSC 3720 – Art Song Literature ..... 3 hours
MUSC 4700 Vocal Pedagogy ..... 3 hours
Guided Electives ..... 9 hours

Piano Performance
MUSC 3150 Keyboard Harmony ..... 2 hours
MUSC 3730 Piano Literature ..... 3 hours
MUSC 4710 Piano Pedagogy ..... 3 hours
Guided Electives ..... 9 hours

Orchestral Instruments or Guitar Performance
MUSC 3760 Orchestral Literature ..... 3 hours
MUSC 3770 Chamber Music Literature ..... 3 hours

Guided Electives .....11 hours

Total Degree Requirements.....124 hours

MUSIC EDUCATION CONCENTRATION:

Music Education Concentration Requirements.....48 hours
MUSC 2500 Applied Music (4 semesters) ..... 8 hours
MUSC 4400 Applied Music (3 semesters) ..... 3 hours
MUSC 2900 Introduction to Music Ed. and Technology..... 2 hours
MUSC 3080 Scoring and Arranging ..... 3 hours
MUSC 3410 Major Ensemble (3 semesters)..... 3 hours
MUSC 3890 Junior Recital..... 0 hours
MUSC 3910 Elementary Music Methods ..... 3 hours
MUSC 4430 Advanced Conducting..... 2 hours
MUSC 4930 Student Teaching.....12 hours
EDUC 2110 Invest. Critical & Contemp. Issues in Ed. ..... 3 hours
EDUC 2120 Exploring Socio Cul. Persp. on Diversity ..... 3 hours
EDUC 2130 Exploring Teaching & Learning ..... 3 hours
EDUC 3030 Exploring-Exceptional Learner ..... 3 hours

Select one of the following areas: .....9 hours

A. Instrumental Music Education
MUSC 1310 Class Voice ..... 1 hour
MUSC 3450 String Methods and Materials ..... 1 hour
MUSC 3451 Brass Methods and Materials ..... 1 hour
MUSC 3452 Percussion Methods and Mat ..... 1 hour
MUSC 3453 Woodwind Methods and Mat ..... 1 hour
MUSC 4922 Instrumental Meth. and Mat. I ..... 2 hours
MUSC 4923 Instrumental Meth. and Mat. II ..... 2 hours

B. Vocal Music Education
MUSC 1771 Diction for Singers I ..... 1 hour
MUSC 2771 Diction for Singers II..... 1 hour
MUSC 4700 Vocal Pedagogy..... 3 hours
MUSC 4910 Choral Meth. and Lit..... 2 hours
Select Two of the Following: ..... 2 hours
MUSC 3450 String Meth. and Mat, (1 hour)
MUSC 3451 Brass Meth. and Mat. (1 hour)
MUSC 3452 Percussion Meth. and Mat. (1 hour)
MUSC 3453 Woodwind Meth. and Mat. (1 hour)

Total Requirements .....129 hours

Other Program-Specific Graduation Requirements

1. Students pursuing the Music Performance concentration must complete a minimum of 31 credit hours in residence at Clayton State University, and a minimum of 22 of these hours must be upper-division hours counted toward program requirements other

than free electives. Students pursuing the Music Education concentration must complete a minimum of 33 credit hours in residence at Clayton State, and a minimum of 23 of these hours must be upper-division hours counted toward program requirements other than free electives.

2. MUSC 2301 (Introduction to World Music) must be taken as an elective if not taken in Area C2 of the Core Curriculum.
3. Students pursuing the B.M. degree with a concentration in Voice Performance must complete coursework in French through the FREN 2002 level. T his foreign language requirement may be fulfilled through courses in the Core Curriculum and Guided Electives.
4. No grades of D in upper-division courses are allowed in the Bachelor of Music degree program. Upper-division courses are all courses other than those of Areas A through F of the core curriculum. 1000- or 2000-level courses used in the upper division are included in this restriction. In addition, no grades of D are allowed for any MUSC course at any level.
5. To graduate with a B.M. degree, students must demonstrate proficiency in keyboard skills, in ear training, and in performance and must attend performances and forums. Students must pass the Sophomore Barrier (usually at the end of the sophomore year) in order to enroll in upper division applied music courses and to continue in the program.
6. In consultation with the advisor, students may select music or non-music courses for Guided Electives, with the exception of courses identified in the catalog as career or institutional credit courses. A minimum of 39 hours of 3000/4000-level courses is required for graduation.
7. Students pursuing the B.M. degree with a c oncentration in Music Education must apply for and be accepted in the Teacher Education program prior to student teaching.

BACHELOR OF MUSIC (Concentration in Performance) SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. Other courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MUSC 1011	Music Theory I	3	MUSC 1012*	Music Theory II	3
MUSC 1111*	Aural Skills I	1	MUSC 1112*	Aural Skills II	1
MUSC 1151	Class Piano I		MUSC 1152	Class Piano II	
Or MUSC 2151	Inter Piano Skills I	1	*Or* MUSC 2152	Inter Piano Skills II	1
MUSC 1710*	Major Ensemble	1	MUSC 1710*	Major Ensemble	1
MUSC 2500*	Applied Music	2	MUSC 2500*	Applied Music	2
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
MATH 1101	Intro to Math Modeling	3	FREN 1002	Elementary French II	3
MUSC 0890*	Recital Attendance	0	MUSC 0890*	Recital Attendance	0
MUSC 1771	Diction for SingersI (Voice	1	MUSC 2771	Diction for Singers II (Voice	1

	majors)			majors)	
			CRIT 1101*	Critical Thinking	3
Total		***14-15***	***Total***		***17-18***

SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MUSC 2011*	Music Theory III	3	MUSC 2012*	Music Theory IV	3
MUSC 2111*	Aural Skills III	1	MUSC 2112*	Aural Skills IV	1
MUSC 1710*	Major Ensemble	1	MUSC 1710*	Major Ensemble	1
MUSC 2500*	Applied Music	2	MUSC 2500*	Applied Music	2
MUSC 2301*	Introduction to World Music	3		Advanced Performance Requirements	3
PSYC 1101	Intro General Psychology	3	FREN 2001	Intermediate French I	3
HIST 1111	Pre-Modern World History	3	POLS 1101*	American Government	3
MUSC 0890*	Recital Attendance	0	MUSC 0890*	Recital Attendance	0
Total		***16***	***Total***		***16***

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MUSC 3614*	Music History Survey I	3	MUSC 3615*	Music History Survey II	3
MUSC 3410*	Major Ensemble	1	MUSC 3410*	Major Ensemble	1
MUSC 3220*	Music Technology	3	MUSC 4500*	Applied Music	2
MUSC 4500*	Applied Music	2		Adv Perf Requirement (non-voice majors)	3
MUSC 3820*	Improvisation	1	MUSC 3890*	Junior Recital	0
MUSC *	Required Ensemble	1	MUSC *	Required Ensemble	1
BIOL 1111	Introductory Biology I	3	MUSC 0890*	Recital Attendance	0
BIOL 1111L	Intro to Biology Laboratory	1	BIOL 1112	Introductory Biology II	3
MUSC 0890*	Recital Attendance	0	MUSC 3970*	Form Analysis	3
	Adv Perf Requirement	***3***			
Total		***18***	***Total***		***16***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MUSC 3410*	Major Ensemble	1	MUSC 3410*	Major Ensemble	1
MUSC 4500*	Applied Music	2	MUSC 4500*	Applied Music	2
	Adv Perf Requirements	3-4		Adv Perf Requirements	3-4
MUSC 3430*	Conducting	2	MUSC *	Required Ensemble	1
MUSC *	Required Ensemble	1	MUSC 4890*	Senior Recital	0
SCI 1901	Selected Topics in Science	3	MUSC	Major Electives	2
	Performance Concentration Elec.	3		Performance Concentration Elec.	2

			HIST 2111	U.S. History to 1877	3
Total		***15-16***	***Total***		***14-15***

BACHELOR OF MUSIC (Concentration in Music Education) SUGGESTED DEGREE PROGRAM SEQUENCE (Voice/General Music)

In the sequence below, only courses marked with an asterisk (*) are program requirements. Other courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MUSC 1011	Music Theory I	3	MUSC 1012*	Music Theory II	3
MUSC 1111*	Aural Skills I	1	MUSC 1112*	Aural Skills II	1
MUSC 2500*	Applied Music	2	MUSC 2500*	Applied Music	2
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
CRIT 1101*	Critical Thinking	3	POLS 1101	American Government	3
MATH 1101	Intro to Math Modeling	3	BIOL 1111	Introductory Biology I	3
MUSC 0890*	Recital Attendance	0	BIOL 1111L	Intro to Biology Lab	1
MUSC 1710*	Major Ensemble	1	MUSC 0890*	Recital Attendance	0
MUSC 1771*	Diction for Singers I	1	MUSC 1710*	Major Ensemble	1
			MUSC 2771*	Diction for Singers II	1
Total		***18***	***Total***		***18***

SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MUSC 2011*	Music Theory III	3	MUSC 2012*	Music Theory IV	3
MUSC 2111*	Aural Skills III	1	MUSC 2112*	Aural Skills IV	1
MUSC 1710*	Major Ensemble	1	MUSC 1710*	Major Ensemble	1
MUSC 2500*	Applied Music	2	MUSC 2400*	Applied Music	2
EDUC 2110*	Invest Contemp Issues Ed	3	MUSC 2152	Intermediate Piano Skills II	1
PSYC 1101	Intro General Psychology	3	EDUC 2120*	Explor Soc Cul Diversity	3
BIOL 1112	Introductory Biology II	3	EDUC 3030*	Exploring the Excep. Learner	3
MUSC 2151*	Class Piano III	1	MUSC 0890*	Recital Attendance	0
MUSC 3890*	Recital Attendance	0	COMM 1001	Presentational Speaking	1
			COMM 1002	Presentational Applications	1
			MUSC 2900	Intro to Music Education and Tech.	2
Total		***17***	***Total***		***18***

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***

MUSC 3614*	Music Survey History I	3	MUSC 3615*	Music History Survey II	3
MUSC 3410*	Major Ensemble	1	MUSC 3410*	Major Ensemble	1
MUSC 3430*	Conducting	2	MUSC 3451 Or 3452	Brass or Percussion Methods and Materials.	1
MUSC 4400*	Applied Music	1	MUSC 4430*	Advanced Conducting	2
MUSC 3910*	Elementary Music Methods	3	MUSC 4400*	Applied Music	1
MATH 1231	Intro to Statistics	2	MSUC 4910	Choral Methods and Lit.	2
ENGL 2111	World Literature I	3	MUSC 0890*	Recital Attendance	0
MUS 0890*	Recital Attendance	0	HIST 1111	Pre-Modern World History	3
MUSC 3450 Or 3453	String Woodwinds Methods and Mat.	1	MUSC 3080	Scoring and Arranging	3
Total		***17***	***Total***		***16***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MUSC 3410*	Major Ensemble	1	MUSC 4930*	Student Teaching	12
MUSC 4700*	Vocal Pedagogy	3			
MUSC 3820*	Improvisation	1			
MUSC 2301*	Introduction to World Music	3			
MUSC 0890	Junior Recital	0			
HIST 2111 or 2112	US History to 1877 US Since Reconstruction	3			
MUSC 4400*	Applied Musci	1			
EDUC 2130*	Explor. Teach and Learn	3			
Total		***15***	***Total***		***12***

BACHELOR OF MUSIC (Concentration in Music Education) SUGGESTED DEGREE PROGRAM SEQUENCE (Instrumental Music)

In the sequence below, only courses marked with an asterisk (*) are program requirements. Other courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MUSC 1011*	Music Theory I	3	MUSC 1012*	Music Theory II	3
MUSC 1111*	Aural Skills I	1	MUSC 1112*	Aural Skills II	1
MUSC 2500*	Applied Music	2	MUSC 2500*	Applied Music	2
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
MATH 1101*	Intro to Math Modeling	3	CRIT 1101	Critical Thinking	3
POLS 1101*	American Government	3	BIOL 1111	Introductory Biology I	3
MUSC 0890*	Recital Attendance	0	BIOL 1111L	Intro to Biology Laboratory	1
MUSC 1710*	Major Ensemble	1	MUSC 0890*	Recital Attendance	0
			MUSC 1710*	Major Ensemble	1
			MUSC 1310*	Class Voice	1

Total		***16***	***Total***		***18***

SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MUSC 2011*	Music Theory III	3	MUSC 2012*	Music Theory IV	3
MUSC 2111*	Aural Skills III	1	MUSC 2112*	Aural Skills IV	1
MUSC 1710*	Major Ensemble	1	MUSC 1710*	Major Ensemble	1
MUSC 2500*	Applied Music	2	MUSC 2400*	Applied Music	2
EDUC 2110*	Invest Contemp Issues Ed	3	MUSC 2900	Intro to Music Education and Technology	2
PSYC 1101	Intro General Psychology	3	MUSC 0890*	Recital Attendance	0
BIOL 1112	Introductory Biology II	3	MUSC 2152*	Class Piano IV	1
MUSC 2151*	Inter Piano Skills I	1	MATH 1231	Intro Statistics	3
MUSC 0890*	Recital Attendance	0	EDUC 3030*	Exploring the Excep. Learner	3
			MUSC 3452*	Percussion Methods and Materials	1
Total		***17***	***Total***		***17***

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MUSC 3614*	Music History Survey I	3	MUSC 3615*	Music History Survey III	3
MUSC 3410*	Major Ensemble	1	MUSC 3410*	Major Ensemble	1
MUSC 3430*	Conducting	2	MUSC 3450*	String Method and Mat.	1
MUSC 4400*	Applied Music	1	MUSC 4430*	Advanced Conducting	2
MUSC 3910*	Elementary Music Methods	3	MUSC 4400*	Applied Music	1
MUSC 3453*	Woodwind Methods	1	MUSC 4922	Inst. Methods I	2
MUSC 0890*	Recital Attendance	0	MUSC 0890*	Recital Attendance	0
HIST 1111	Pre-Modern World History	3	COMM 1001	Presentational Speaking	1
			COMM 1002	Presentational Applications	1
EDUC 2120	Explor. Soc. Cultural Diversity	3	ENGL 2111	World Literature I	3
			MUSC 3080	Scoring and Arranging	3
Total		***16***	***Total***		***18***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MUSC 3410*	Major Ensemble	1	MUSC 4930*	Student Teaching	12
MUSC 3451*	Brass Meth and Mat	2			
MUSC 3820*	Improvisation	1			
MUSC 2301*	Introduction to World Music	3			
MUSC 4923*	Instrumental Methods II	2			
HIST 2111	US History to 1877				

Or HIST 2112	US Since Reconstruction	3			
MUSC 4400*	Applied Music	1			
MUSC 3890	Junior Recital	0			
EDUC 2130*	Explor Teach and Learn	3			
Total		***16***	***Total***		***12***

Minor Program in Music

The following are courses required in the minor in music. Be sure to check for pre-requisite course requirements and co-requisite requirements.

Required Courses:..... 9 hours
MUSC 2011 Music Theory III ..... 3 hours
MUSC 2111 Aural Skills III ..... 1 hour
MUSC 1500 or 2400 Applied Music (4 semesters) ..... 4 hours
MUSC 0890 Recital Attendance (4 semesters) ..... 0 hours
MUSC 1151 Class Piano I ..... 1 hour

*MUSC 2301 Introduction to World Music (3 hours)
**can be taken in area C2*

Choose one: ..... 3 hours
MUSC 3614 Music History Survey I ..... 3 hours
MUSC 3615 Music History Survey II ..... 3 hours

Any upper division music courses 6 hours
(except: any pedagogy course or music technology)

Additional information:
Students wishing to minor in music must audition before the music faculty prior to being accepted into the program and registering for music courses.

Bachelor of Arts in Theatre

The Theatre program prepares students for careers in the professional Theatre community and furnishes them with the tools for creating new work, making a significant impact on Theatre in our state and region.

Students who wish to major in theatre must audition and interview for members of the theatre faculty. Information about theatre auditions is available from the office of the Department of Visual and Performing Arts.

Theatre majors are encouraged to complete a minor in another discipline. Students should discuss options with their advisors, and they should then contact the department responsible for administering the minor for details on its requirements.

THEATRE LEARNING OUTCOMES

1. Recognize and interpret subject matter and history of theatre: major works, issues, movements.
2. Demonstrate competent communication skills in one or more of the following areas: creating new theatre work, acting, directing, playwriting.
3. Assess and employ theatrical concepts in decision-making and critical aesthetic judgments.
4. Recognize and demonstrate practical skills required in professional theatre settings.

ADMISSION AND READMISSION REQUIREMENTS

Before beginning upper-division study in Theatre, applicants must

1. Have completed 45 semester credit hours;
2. Have achieved an overall institutional Grade Point Average (GPA) of at least 2.0;
3. Have completed ENGL 1101 and THEA 1100 with a grade of A, B, C, or K.

BACHELOR OF ARTS IN THEATRE DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A-E)..... 42 hours

All Theatre Core Curriculum requirements are shown in the suggested degree program.

Lower Division Core Requirements (Core Curriculum Area F).....18 hours

F1. THEA 1100 Introduction to Theatre ..... 3 hours

F2. THEA 1880 Introduction to Acting..... 3 hours
THEA 1990 Play Development..... 3 hours
THEA 2900 Directing ..... 3 hours
And 6 hours from:
F3. THEA 1700 Introduction to Theatre Design..... 3 hours
THEA 2100 Stagecraft ..... 3 hours
THEA 2990 Intermediate Play Development..... 3-6 hours

Upper Division Required Courses……Select 18 hours

THEA 3800 Playwriting..... 3 hours
THEA 3880 Acting II ..... 3 hours

THEA 3991 Advanced Play Production ..... ….3-6 hours
THEA 4880 Acting Styles..... 3 hours
THEA 4101 Theatre Concepts ..... 3 hours
THEA 4511 World Theatre..... 3 hours
THEA 4500 Capstone Project ..... 3 hours
THEA 4102 Lighting Design.…..3 hours
THEA 4103 Set Design..... 3 hours
THEA 4104 Costume Design ..... 3 hours

Internship Requirement..... 3-9 hours
THEA 3901 Practicum/Internship

Upper Division Major Electives .....12-21 hours
THEA 3101 Theatre, Cinema, and Society ..... 3 hours
THEA 3700 Improvisational Theatre..... 3 hours
THEA 3900 Directing Project ..... 3 hours
THEA 4520 African-American Theatre..... 3 hours
THEA 4530 Music Theatre..... 3 hours
THEA 4800 Selected Topics ..... 3 hours
THEA 4860 Audition Techniques..... 3 hours
THEA 4861 Acting for the Camera ..... 3 hours
THEA 4901 Theatre Collaboration ..... 3 hours
THEA 4102 Lighting Design..... 3 hours
THEA 4103 Set Design..... 3 hours
THEA 4104 Costume Design ..... 3 hours

Upper Division Major Related Courses .....9-27 hours
ART 3101 The Visual Arts and Society ..... 3 hours
ART 3401 American Art Visions ..... 3 hours
CMS 3500 Writing and Editing for Mass Media ..... 3 hours
CMS 3502 New Media Design ..... 3 hours
CMS 3810 Women and Popular Culture ..... 3 hours
CMS 4310 Film Analysis and Criticism ..... 3 hours
CMS 4320 Women and Film ..... 3 hours
CMS 4410 Digital Video Production ..... 3 hours
CMS 4810 Women and the Arts ..... 3 hours
ENGL 3101 Literature and Society ..... 3 hours
ENGL 3150 Shakespeare ..... 3 hours
ENGL 3800 Introduction to Creative Writing ..... 3 hours
ENGL 4011 Critical Theory ..... 3 hours
ENGL 4210 Renaissance Literature ..... 3 hours
ENGL 4220 Restoration and Neoclassical Literature..... 3 hours
ENGL 4250 Modern British Literature..... 3 hours
HIST 4003 Women's History ..... 3 hours
HIST 4100 Ancient Greece & Rome ..... 3 hours
HIST 4250 History of World Religions ..... 3 hours
HUMN 3101 The Humanities, the Arts, and Society ..... 3 hours
HUMN 3102 International Arts and Culture ..... 3 hours
PHIL 3101 Philosophy and Society ..... 3 hours
PHIL 3701 Contemporary Philosophy..... 3 hours
PSYC 3350 Abnormal Psychology ..... 3 hours
WST 4800 Special Topics in Women's Studies..... 3 hours
MGMT 4250 Women and Leadership..... 3 hours
CMS 3810 Women and Popular Culture..... 3 hours
POLS 3382 Women and Politics ..... 3 hours

CMS 4320 Women and Film ..... 3 hours
PSYC 4110 The Psychology of Gender ..... 3 hours
CMS 4810 Women and the Arts ..... 3 hours
ENGL 3300 Women and Literature ..... 3 hours
WST 3410 U.S. Women of Colors ..... 3 hours
WST 4010 Feminist Media Studies ..... 3 hours
HIST 4003 Women and U.S. History ..... 3 hours
WST 3400 Gender, Culture, and Globalization ..... 3 hours

Guided Electives.....0-18 hours

THEA majors may select appropriate electives in consultation with their advisor. All courses applied to this area must be courses offered by departments or programs within the College of Arts & Sciences. While some lower division courses may be used to satisfy requirements in the upper division, a maximum of 18 lower division hours can be used in the upper division.

Other Program-Specific Graduation Requirements

1. A minimum of 42 hours must be completed in upper-division courses.
2. A grade of C or higher is required in all THEA courses.

Bachelor of Arts in Theatre Suggested Degree Program Sequence

In the sequence below, only courses marked with an asterisk(*) are program requirements. O ther courses are recommended selections from categories within the program requirements.

FRESHMAN YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
CRIT 1101*	Critical Thinking	3	COMM 1110*	Spoken Communication	3
MATH 1101	Intro to Math Modeling	3	POLI 1101*	American Government	3
HIST 2111	US History to 1877		THEA 1990*	Play Development I	3
Or HIST 2112	US Since Reconstruction	3	THEA 1880*	Intro to Acting	3
THEA 1100*	Intro to Theatre	3			
Total		***15***	***Total***		***15***

SOPHOMORE YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
BIOL 1111	Introductory Biology I	3	BIOL 1112	Introductory Biology II	3
BIOL 1111L	Intro to Biology Laboratory	1	CMS 2100	Intro to Film	3
ENGL 2111	World Literature I	3	HIST 1111 or HIST 1112	Pre-Modern World History Modern World History	3
PSYC 1101 Or SOCI 1101	Intro to General Psych. Intro to Sociology	3	SCI 1901	Selected Topics in Science	3
THEA 2900*	Directing	3	THEA 2990*	Intermediate Play Development	3
THEA 1700*	Intro to Theatre Design	3			

Total		***16***	***Total***		***15***

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
THEA 3800*	Playwriting	3	THEA 4101*	Theatre Concepts	3
THEA 3880*	Acting II	3	THEA 4102 or THEAT 4103 or THEA 4104	Lighting Design Set Designs Costume Design	3
	Upper Division Electives	9		Upper Division Electives	9
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
THEA 3901*	Internship	3	THEA 4500*	Capstone Project	3
THEA 4511	World Theatre	3		Upper Division Electives	12
	Upper Division Electives	9			
Total		***15***	***Total***		***15***

Minor Program in Theatre

The following are courses required in the minor in theatre. Be sure to check for pre-requisite and co-requisite course requirements.

Required Courses:.....9 hours
THEA 1100 Theatre Appreciation..... 3 hours
THEA 1880 Introduction to Acting ..... 3 hours
THEA 2900 Directing..... 3 hours

Upper Division Courses .....9 hours
Any three (3) three-hour 3000- or 4000-level THEA courses.

TOTAL 18 hours

Minor Program in Visual Art

The Art minor enhances a student's ability toward skills and conceptualization development. It promotes creative thinking to visual art that could be applied to many interdisciplinary fields. The Art minor would provide a venue for further skill/talent development.

The objective of the art minor is to provide students with an understanding of studio art and art history, embodied in the practice of art through the study of contemporary visual culture as well as with an appr eciation of the formal language utilized by artists. Students will also become aware of the disciplinary methodology and conventions. Students will have the choice of two emphases: either studio art or art history.

The minor in art will benefit students majoring in any liberal arts discipline with a practical component, including studio art, digital imaging, video and f ilm studies, art history, art criticism, and liberal studies. Students minoring in art will gain a sense of the overall studio art, digital art, and evolution of the history of art, as well as in-depth knowledge of visual art in different disciplines. Students should be sure to check for pre-requisite course requirements and co-requisite requirements.

ART MINOR PROGRAM REQUIREMENTS (Studio Art or Art History emphasis)
(All courses listed already exist, unless otherwise indicated.)

Three Lower Division Courses.....9 hours

Required of Both Emphases:
ART 1101 Drawing I ..... 3 hours
ART 2302 Art of the Modern World..... 3 hours

For Studio Art Emphasis, Choose One from the Following:
ART 1102 Drawing II..... 3 hours
ART 1104 2-D Design/Color Theory ..... 3 hours
ART 1301 3-D Design..... 3 hours

For Art History Emphasis, Choose One from the Following:
ART 2301 Art of the Pre-Modern World ..... 3 hours
ART 2303 Introduction to Non-western Art..... 3 hours

Three Upper Division Courses .....9 hours

Required for Studio Art Emphasis:
ART 3001 Oil Painting ..... 3 hours

For Studio Art Emphasis, choose two from the following:
CMS 4410 Digital Video Production..... 3 hours
ART 4900 Independent Study of Studio Art..... 3 hours
ART 3101 The Visual Arts & Society ..... 3 hours
ART 3401 American Art Visions ..... 3 hours
ART 3310 Nineteenth and Twentieth Century Art..... 3 hours
HUMN 4800 Special Topics in the Humanities ..... 3 hours
CMS 4310 Film Analysis and Criticism ..... 3 hours
CMS 4320 Women and Film ..... 3 hours

Art History Emphasis; choose three from the following:
ART 3101 The Visual Arts & Society ..... 3 hours
ART 3401 American Art Visions ..... 3 hours
ART 3310 Nineteenth and Twentieth Century Art..... 3 hours
HUMN 4800 Special Topics in the Humanities ..... 3 hours
CMS 4310 Film Analysis and Criticism ..... 3 hours
CMS 4320 Women and Film ..... 3 hours
CMS/WST 4810 Women and the Arts..... 3 hours

Total Program Requirements .....18 hours

COLLEGE OF BUSINESS

AACSB International (The Association to Advance Collegiate Schools of Business) represents the highest standard of achievement for business schools worldwide. Founded in 1916 by seventeen of the nation's premier business schools, including Columbia University, Cornell University, Dartmouth College, and Harvard University, AACSB is committed to quality and continuous improvement in management education

To earn AACSB accreditation, a business school must undergo meticulous internal review, evaluation, and adjustment—a process that can take from three to seven years. During this period, schools develop and implement a plan intended to meet the 21 AACSB standards that require highly qualified faculty, as well as a commitment to continuous improvement and keeping curricula responsive to the needs of business.

There are over 500 institutions around the world that have earned specialized AACSB accreditation for their business schools. Clayton State is part of the elite group that makes up less than 15 percent of the world's business schools.

ADMINISTRATIVE OFFICERS

Michael Deis, *Interim Dean and Accreditation Chair*
Louis F. Jourdan, *Interim Associate Dean*
Ali Dadpay, *Assistant Dean and MBA Director*

FACULTY

Department of Law, Economics, Accounting, and Finance

H. Lari Arjomand, *Economics*
Khamis M. Bilbeisi, *Accounting*
Scott Butterfield, *Accounting*
Ali Dadpay, *Economics*
Nikki M. Finlay, *Economics*
D. Micah Grant, *Accounting*
Reza Kheirandish, *Economics*
Chen-Miao Lin, *Finance*
C. R. Narayanaswamy, *Finance*
Adel M. Novin, *Accounting*
Lou X. Orchard, *Accounting*
Judith S. Ogden, *Business Law & Taxation*
Gay Solomon, *Economics*

Department of Management, Marketing, and Supply Chain Management

Michael H. Deis, *Management*
Ronald E. Dulaney, *Management*
Diane Fulton, *Management*
David Furman, *Marketing*
Craig A. Hill, *Supply Chain Management*
Louis F. Jourdan, *Management*
James S. Keebler, *Supply Chain Management*
Gary L. May, *Management*
John Mascaritolo, *Supply Chain Management*
George E. Nakos, *Marketing*
Alphonso Ogbuehi, *Marketing*
Leon Prieto, *Management*
Margaret Thompson, *Management*
Anita Whiting, *Marketing*
Beverly Wright, *Marketing*

MISSION AND GOALS

The mission of the College of Business is to:

- **Prepare** a diverse student body for business and professional careers by providing a quality education.

- **Provide** a student-centered environment, using technology to enhance student learning.
- **Support** faculty in applied and instructional research and service to the profession.
- **Serve** primarily the metropolitan Atlanta area.

Our goals are to:

- Produce students who can demonstrate the knowledge, skills, and attitudes required for success:
  - written and oral communication skills,
  - ethical and corporate social responsibility,
  - thinking skills,
  - interpersonal skills and appreciation of diversity,
  - knowledge of the business environment, and
  - use of technology in business.
- Provide a student-centered learning environment for traditional, non-traditional, full-time, and part-time students characterized by:
  - accessible faculty,
  - smaller classes taught by faculty members (not teaching assistants),
  - flexible delivery of course offerings (on-campus or hybrid),
  - personalized academic and career advisement, and active teaching methods.
- Recruit and retain a diverse and qualified faculty.
- Be responsive to the changing needs of the employers of our graduates.

Our Values are: Integrity, appreciation of diversity, accountability, collegiality, and excellence.

The BBA curriculum is designed to enable all graduates to meet the following learning outcomes that apply to all majors. In addition, each major within the BBA has additional field-specific learning outcomes that are listed with the appropriate curricula later in this section. BBA graduates will demonstrate:

- **Written and Oral Communication Skills**: Writing clearly, concisely, and correctly; designing and delivering persuasive oral presentations.
- **Ethical and Corporate Social Responsibility**: Assessing the ethical and social impact of decisions on the organization and its stakeholders.
- **Thinking Skills**: Thinking critically and analytically to evaluate organizational effectiveness, to make decisions, and to develop strategy.
- **Interpersonal Skills and Appreciation for Diversity**: Using interpersonal and cross-cultural knowledge and skills to lead and manage collaborative activities and to work effectively in teams that have a diverse membership.
- **Use of Technology in Business**: Using computers to analyze data and solve problems, to communicate, and to make effective presentations.
- **Understanding the Dynamics of the Global Economy**: Understanding how to adapt functions of the business to the global environment.
- **Knowledge of the Business Environment**: Knowing core business concepts; understanding how business disciplines integrate to compete successfully.

INSTRUCTIONAL ORGANIZATION

The College of Business offers one undergraduate degree: the Bachelor of Business Administration in the areas listed below:

Degree Program	**Degree**
Accounting	BBA

General Business	BBA
Management	BBA
Marketing	BBA
Supply Chain Management	BBA

The Office of Academic and Career Advisement is responsible for assisting students with the development of an academic program, career plan, and academic success strategies. The office exists to provide advisement to ensure that students meet graduation requirements in a timely fashion and are informed of the program and services available to them at Clayton State (678) 466-4500.

HONOR SOCIETIES AND CLUBS

Among the honor societies, clubs, and service organizations designed to support, augment, and supplement the educational and professional development of Business students are the Accounting Club, Circle K, Georgia Society of CPA, Financial Executives International, Financial Management Association, The Jonathan Howard Marketing Club, Society for the Advancement of Management, and Beta Gamma Sigma.

ADMISSION AND READMISSION REQUIREMENTS

Students intending to enroll in the BBA program must meet all University admission and academic requirements. In addition, applicants must satisfy the following additional requirements in order to be admitted to the BBA program:

a. Have an overall and institutional Grade Point Average (GPA) of 2.00.
b. Be in good Academic Standing at Clayton State University
c. Earn 45 semester credit hours.
d. Complete the six Area F business courses with grades of *C* or better.
e. Pass MATH 1231 with a grade of *C* or better.
f. Earn a GPA of at least 2.28 in the six Area F business courses and MATH 1231. (Grades of *K* will not be counted in this GPA calculation.)

Students who plan to enroll in a BBA major (Accounting, General Business, Management, Marketing, or Supply Chain Management) will be admitted to Clayton State University as pre-business majors. Upon satisfying the aforementioned requirements, students are required to apply for admission to the College of Business. The application can be submitted online at http://www.clayton.edu/business. Students will be notified of acceptance via email within 48 hours of submission. Transfer students will be required to meet the same admission criteria.

A student may repeat courses that were not satisfactorily completed and that disqualified him or her from admission subject to the University's course repeat policy. If a student elects to repeat such courses and receives grades that meet the above criteria, the student may reapply for admission to the BBA program.

COLLEGE-SPECIFIC ACADEMIC REQUIREMENTS

Students in a BBA major must meet all University admission, academic progression, and graduation requirements (see the Graduation Requirements section). In addition, the Bachelor of Business Administration (BBA) has the following program-specific requirements:

1. **Mathematics Requirement.** Along with Area A2 core curriculum Math requirements, BBA students must complete MATH 1231, Introduction to

Statistics, and MATH 1241, Survey of Calculus. Most students will use MATH 1111 or 1101 to fulfill Area A2. MATH 1231 will be used to fulfill Area D2 and MATH 1241 will be used as a non-business elective. Students with appropriate math placement scores are encouraged to use MATH 1241 in Area A2. MATH 1231 is prerequisite to BUSA 3101 and required for admission to the College of Business. MATH 1241 is prerequisite to FINA 3101.

2. **Writing Assessment.** All BBA students are required to pass the official College of Business writing assessment prior to enrollment in MGMT 4750. The official writing assessment is administered in MGMT 3120, Managerial Communication. Transfer students who are granted credit equivalent for MGMT 3120 must take the official writing assessment during the first term of Clayton State enrollment in which they take an upper division business course. (Transfer students must contact the College of Business for information about assessment procedures.)

   Students who fail to pass the official College of Business writing assessment are *required* to enroll in WLAB 2999, Writing Laboratory II. Such students must enroll in WLAB 2999 for their next term of attendance and in each subsequent term until they have passed the official writing assessment by earning a grade of *C* or better in the course. Students who are required to take WLAB 2999 but neglect to do so are subject to having their registration in other courses cancelled.

3. **Residency Requirements.** In addition to general Clayton State baccalaureate residency requirements, the BBA has the following additional restrictions:
   a. At least 30 hours of business courses must be taken at Clayton State. Business courses are defined as any course with the following prefixes:
      - ACCT, BLAW, FINA, MGMT, MKTG, SCML, BUSA (except BUSA 3101)
   b. ECON 2105, ECON 2106, and BUSA 3101 cannot be counted toward the residency requirement.
   c. At least 21 of the 30 hours of business courses must be upper division.
   d. Of the 21 upper division business hours that must be taken from Clayton State, the following *must* be included:
      - MGMT 4750, Strategic Management;
      - for Accounting majors, at least 12 hours of ACCT prefix numbered higher than ACCT 2102;
      - for Management majors, at least 12 hours of MGMT prefix numbered higher than MGMT 3101;
      - for Marketing majors, at least 12 hours of MKTG prefix numbered higher than MKTG 3101;
      - for General Business majors, at least 12 hours of business courses numbered higher than MGMT 3101 (not counting MGMT 4750).
      - for Supply Chain Management majors, at least 12 hours of business courses numbered higher than MGMT 3101.

4. **Area F Grades**. Students must earn a grade of *C* or better in all Area F courses and MATH 1231. The GPA in these seven courses must be a 2.28 or higher. Students intending to major in Accounting must earn the grade of a B or higher in ACCT 2101 and ACCT 2102 to progress into some upper division accounting courses.

5. **Upper Division Grades**. All upper division BBA courses (including transfer courses) applied toward graduation (except for non-business electives) must be completed with a grade of *C* or better (or *K*). (*K* grade is given for credit by examination, e.g., CLEP).

6. **Transfer Credit**. The Office of the Registrar normally accepts equivalent or substitutable transfer courses toward graduation at Clayton State; however, the School reserves the right to determine whether credit earned at other institutions can be applied toward graduation. Acceptance of transfer credit by the University does not guarantee that it will be applied toward BBA requirements. In general, credit for courses completed at other institutions must have been taken at the same level as the equivalent course at Clayton State University.
7. **Prerequisites.** Students should pay careful attention to course prerequisites in order to sequence courses appropriately in their programs of work. This is especially important at the sophomore-junior transition and as students near the end of their graduation requirements. All business prerequisites for College of Business courses require that a student earn a grade of *C* or better (or *K*) in the prerequisite business courses before the student may take a course requiring the prerequisite. The one exception to this is MATH 1241 (D) which is a prerequisite for FINA 3101.*A student may be removed from any course for which he or she has not met the prerequisite.* College of Business Administrators have the authority to waive prerequisites for College of Business courses.
8. **Policy on credit by exam in business courses for BBA majors.** For the BBA, grades of *K* (credit by exam such as CLEP) will be accepted only for Macroeconomics (ECON 2105), Microeconomics (ECON 2106), and Financial Accounting (ACCT 2101). Transfer students will be required to meet the same criteria as Clayton State students. (CLEP credit for other business courses may be allowed in non B BA majors. Contact the appropriate college for details.)

SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS

All normal University policies on academic standing (probation, suspension, and dismissal) and course repeats apply to the College of Business. In addition, students may attempt a given College of Business course a maximum of only three (3) times. The third attempt of a course must be taken at Clayton State University. In other words, a student will not be allowed to attempt a course a fourth time. An attempt is defined as receiving W, WF, F, U, or D. (Excludes W$ and WM). Transfer and transient attempts count in the maximum of attempts for purposes of this policy. (Students who have already had two or more tries in a course at CSU before this policy went into effect (Fall 2003) will be granted one more try.)

Bachelor of Business Administration in Accounting

Consistent with the mission of the College of Business, the mission of the Accounting Discipline is to prepare Accounting majors for professional careers in Accounting. In addition to the BBA learning outcomes, upon successful completion of the program, Accounting majors should be able to demonstrate:

1. Technical competence in the Discipline's functional areas of
   a. Financial Accounting and Reporting
   b. Managerial Cost Accounting
   c. Income Taxation
   d. Accounting Information Systems
   e. Auditing and Assurance Services

2. Skills in application of accounting software and other business software for processing accounting information.
3. Knowledge of ethical concerns and recognition of other ongoing issues and practices in the accounting profession.

BACHELOR OF BUSINESS ADMINISTRATION IN ACCOUNTING DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**
All Accounting Core Curriculum requirements are shown in the suggested degree program.

Lower Division Major Requirements (Core Curriculum Area F) .....**18 hours**
ACCT 2101 Principles of Financial Accounting ..... 3 hours
ACCT 2102 Principles of Managerial Accounting ..... 3 hours
BLAW 2106 Legal Environment of Business..... 3 hours
CPTG 2201 Advanced Computer Application ..... 3 hours
ECON 2105 Principles of Macroeconomics ..... 3 hours
ECON 2106 Principles of Microeconomics..... 3 hours

Upper Division Business Core Requirements .....**21 hours**
BUSA 3101 Business Statistics..... 3 hours
FINA 3101 Corporate Finance..... 3 hours
MGMT 3101 Management Principles and Organizational Behavior..... 3 hours
MGMT 3102 Performance/Quality Management ..... 3 hours
MGMT 3120 Managerial Communications..... 3 hours
MKTG 3101 Principles of Marketing ..... 3 hours
MKTG 3420 Global Business ..... 3 hours

Required Accounting Major Courses.....**18 hours**
ACCT 3110 Managerial Cost Accounting..... 3 hours
ACCT 3250 Taxation of Individuals ..... 3 hours
ACCT 3351 Intermediate Financial Accounting I ..... 3 hours
ACCT 3352 Intermediate Financial Accounting II ..... 3 hours
ACCT 4330 Accounting Information Systems ..... 3 hours
ACCT 4480 Auditing and Assurance Services ..... 3 hours

Select six credit hours from the following Accounting Major Electives .....6 hours
ACCT 4110 Advanced Managerial Cost Accounting..... 3 hours
ACCT 4250 Taxation of Business Entities ..... 3 hours
ACCT 4352 Advanced Financial Accounting..... 3 hours
ACCT 4440 Governmental and Non-Profit Accounting ..... 3 hours
ACCT 4470 Forensic Accounting ..... 3 hours

Choose six credit hours from the following list:.....6 hours
Students pursuing CPA certification in Georgia are encouraged to take all 6 credit hours with ACCT prefix. A course will not be credited twice. Accordingly, courses taken to satisfy the requirement in the preceding section may not be used again to satisfy this section.
ACCT 4110 Advanced Managerial Cost Accounting..... 3 hours
ACCT 4210 Volunteer Income Tax Preparation Program ..... 3 hours
ACCT 4250 Taxation of Business Entities ..... 3 hours
ACCT 4352 Advanced Financial Accounting..... 3 hours
ACCT 4440 Governmental and Non-Profit Accounting ..... 3 hours

ACCT 4470 Forensic Accounting ..... 3 hours
ACCT 4800 Selected Topics in Accounting..... 3 hours
ACCT 4850 Accounting Internship/Cooperative Education.....variable credit
ACCT 4900 Independent Study/Directed Research & Readings.....variable credit
BLAW 3370 Intermediate Business Law..... 3 hours
BUSA 3700 Business Ethics and Corporate Social Responsibility ..... 3 hours
BUSA 3800 Selected Topics in Business ..... 3 hours
BUSA 4446 Managerial Economics..... 3 hours
BUSA 4850 Internship/Cooperative Education.....variable credit
BUSA 4900 Directed Research and Readings.....variable credit
ECON 4800 Special Topics in Economics ..... 3 hours
FINA 3100 Personal Financial Management..... 3 hours
FINA 4101 Investments ..... 3 hours
FINA 4102 Intermediate Finance..... 3 hours
FINA 4103 Money and Banking: Domestic and International ..... 3 hours
FINA 4800 Selected Topics in Finance..... 3 hours
MGMT 3520 Negotiation and Conflict Management ..... 3 hours
MGMT 4101 Human Resource Management..... 3 hours
MGMT 4102 Organizational Behavior..... 3 hours
MGMT 4111 Leadership ..... 3 hours
MGMT 4250 Women in Leadership..... 3 hours
MGMT 4302 Case Studies in Performance Quality Management ..... 3 hours
MGMT 4311 Entrepreneurship..... 3 hours
MGMT 4320 Creativity and Management of Change..... 3 hours
MGMT 4403 International Management..... 3 hours
MGMT 4510 Legal Issues in Human Resources ..... 3 hours
MGMT 4725 Dean's Senior Seminar in Business..... 3 hours
MGMT 4800 Selected Topics in Management ..... 3 hours
MGMT 4850 Internship/Cooperative Education..... 3 hours
MKTG 3100 Personal Marketing ..... 3 hours
MKTG 3302 Consumer Behavior..... 3 hours
MKTG 3312 Services Marketing..... 3 hours
MKTG 3520 Negotiation and Conflict Management..... 3 hours
MKTG 4104 Marketing Research and Analysis..... 3 hours
MKTG 4106 Advertising and Promotion Strategy ..... 3 hours
MKTG 4200 Sports Marketing..... 3 hours
MKTG 4207 Professional Selling..... 3 hours
MKTG 4420 International Marketing..... 3 hours
MKTG 4510 Retailing ..... 3 hours
MKTG 4750 Marketing Management..... 3 hours
MKTG 4800 Selected Topics in Marketing..... 3 hours
MKTG 4850 Internship/Cooperative Education ..... 3 hours
SCML 3105 Introduction to Transportation and Logistics..... 3 hours
SCML 3106 Principles of Supply Chain Management ..... 3 hours
SCML 3580 Operations and Warehouse Management..... 3 hours
SCML 4105 Global Sourcing in SCM..... 3 hours
SCML 4170 Financial Issues in SCM ..... 3 hours
SCML 4260 Freight Management and Costing ..... 3 hours
SCML 4750 Performance Measurement in SCM..... 3 hours

Students are encouraged to check the Georgia State Board of Accountancy (www.sos.state.ga.us/plb/accountancy/licensure.htm) for information regarding CPA requirements.

Business Capstone .....**3 hours**
MGMT 4750 Strategic Management..... 3 hours

Non-Business Courses .....**6 hours**
MATH 1241 Survey of Calculus ..... 3 hours
Free Elective from Outside the College of Business..... 3 hours
Non-Business Electives MUST be 3 credit hour courses and cannot be courses with the following prefixes: ACCT, AVEL, AVMT, BUSA, BLAW, CAPL, CNET, CITZ, CSOR, CCSU, CSU, DSGN, ELEC, EMS, EXLA, EXLI, EXLP, FINA, HDSK, HFMG (Physical Education), MKMC, MGMT, MKTG, MEDA, OFFC, OMED, PARA, PHED, RGTE, RGTR, READ, TECH, TELE, WCOM, WLAB.

Total Degree Requirements.....**120 hours**

BACHELOR OF BUSINESS ADMINISTRATION IN ACCOUNTING SUGGESTED DEGREE PROGRAM SEQUENCE FOR FULL TIME STUDENTS

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101	English Composition I	3	ENGL 1102	English Composition II	3
MATH 1111	College Algebra	3	ECON 2105	Prin of Macroeconomics	3
CSU 1022	University Foundations	2	MATH 1231	Intro to Statistics	3
Area B2	Communication	3	Area C2	Fine Arts	3
POLS 1101	American Government	3	Area E4	PYSC 1101 or SOCI 1101 or WST 2010 or AFAM 2010	3
Total		***14***	***Total***		***15***

SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
Area D1	Natural Sciences	3	Area E2	HIST 1111 or HIST 1112 or HIST 2750	3
Area D1 Lab	Natural Sciences Lab	1	Area E3	HIST 2111 or HIST 2112	3
ACCT 2101	Prin Financial Accounting	3	Area D1	Natural Science II	3
CRIT 1101	Critical Thinking	3	CPTG 2201	Computer Applications	3
BLAW 2106	Legal Environ of Business	3	ACCT 2102	Prin Managerial Accounting	3
Area C1	Literature, Philosophy, Foreign Lang. 2001, 2002	3	ECON 2106	Prin of Microeconomics	3
Total		***16***	***Total***		***18***
				Apply for Admission to BBA Program	

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
BUSA 3101	Business Statistics	3	ACCT 3352	Int Financial Accounting II	3
MATH 1241	Survey of Calculus	3	ACCT 3250	Taxation of Individuals	3
ACCT 3351	Int Financial Accounting I	3	FINA 3101	Corporate Finance	3

ACCT 3110	Managerial Cost Acct	3	MGMT 3120	Managerial Communications	3
MGMT 3101	Mgmt. Prin. & Org. Beh.	3	MKTG 3101	Principles of Marketing	3
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ACCT 4330	Intro Accounting Info Sys	3	MGMT 4750	Strategic Management	3
MGMT 3102	Performance/Quality Management	3	ACCT 4480	Auditing & Assurance Svc.	3
MKTG 3420	Global Business	3		Non-Business Elective	3
	ACCT Major Elective	3		ACCT Major Elective	3
	Business Major Elective	3		Business Major Elective	3
Total		***15***	***Total***		***15***

Students employed full-time are encouraged to limit enrollment each semester (6-9 credit hours) to assure sufficient time for course work. Part time students should consult an Academic Advisor in the College of Business to assist with academic planning.

Bachelor of Business Administration in General Business

Consistent with the mission of the College of Business, the mission of the General Business Program is to provide a broad-based undergraduate curriculum that allows students to customize programs of study in specific business areas that meet specific career and educational needs. The program in general business provides students with a thorough exposure to the basic areas of business administration while permitting wide latitude in the selection of additional courses according to individual interests.

Upon successful completion of the program, the student should attain the following *learning outcomes*:

1. A broad-based general education, preparing students to contribute to their organization, community, and society by communicating effectively, thinking critically and conceptually, acting ethically, and valuing diversity.
2. Knowledge of political, social, legal and regulatory, environmental, ethical, global and technological issues pertaining to business administration.
3. Skills to apply knowledge gained to real-world settings.
4. Other outcomes based on the program of study pursued.

BACHELOR OF BUSINESS ADMINISTRATION IN GENERAL BUSINESS DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**
All General Business Core Curriculum requirements are shown in the suggested degree program.

Lower Division Major Requirements (Core Curriculum Area F) .....**18 hours**
ACCT 2101 Principles of Financial Accounting ..... 3 hours
ACCT 2102 Principles of Managerial Accounting ..... 3 hours

BLAW 2106 Legal Environment of Business ..... 3 hours
CPTG 2201 Advanced Computer Application ..... 3 hours
ECON 2105 Principles of Macroeconomics ..... 3 hours
ECON 2106 Principles of Microeconomics..... 3 hours

Upper Division Business Core Requirements .....**21 hours**
BUSA 3101 Business Statistics..... 3 hours
FINA 3101 Corporate Finance..... 3 hours
MGMT 3101 Management Principles and Organizational Behavior..... 3 hours
MGMT 3102 Performance/Quality Management ..... 3 hours
MGMT 3120 Managerial Communications..... 3 hours
MKTG 3101 Principles of Marketing ..... 3 hours
MKTG 3420 Global Business ..... 3 hours

General Business Major Options .....**30 hours**
Select ten courses from among the following, to include at least one MGMT course, one MKTG course and one ACCT or FINA course:
ACCT 3110 Managerial Cost Accounting..... 3 hours
ACCT 3250 Taxation of Individuals ..... 3 hours
ACCT 3351 Intermediate Financial Accounting I ..... 3 hours
ACCT 3352 Intermediate Financial Accounting II ..... 3 hours
ACCT 4110 Advanced Managerial Cost Accounting..... 3 hours
ACCT 4210 Volunteer Income Tax Preparation Program ..... 3 hours
ACCT 4250 Taxation of Business Entities ..... 3 hours
ACCT 4330 Accounting Information Systems ..... 3 hours
ACCT 4352 Advanced Financial Accounting..... 3 hours
ACCT 4440 Governmental and Non-Profit Accounting ..... 3 hours
ACCT 4470 Forensic Accounting ..... 3 hours
ACCT 4480 Auditing and Assurance Services ..... 3 hours
ACCT 4800 Selected Topics in Accounting..... 3 hours
ACCT 4850 Accounting Internship/Cooperative Education ..... 3 hours
ACCT 4900 Directed Research and Reading.....variable credit
BLAW 3370 Intermediate Business Law..... 3 hours
BUSA 3700 Business Ethics and Corporate Social Responsibility ..... 3 hours
BUSA 3800 - Selected Topics in Business ..... 3 hours
BUSA 4446 Managerial Economics..... 3 hours
BUSA 4850 Internship/Cooperative Education.....variable credit
BUSA 4900 Directed Research and Readings.....variable credit
ECON 4800 Special Topics in Economics ..... 3 hours
FINA 3100 Personal Financial Management..... 3 hours
FINA 4101 Investments ..... 3 hours
FINA 4102 Intermediate Finance..... 3 hours
FINA 4103 Money and Banking: Domestic and International ..... 3 hours
FINA 4800 Selected Topics in Finance..... 3 hours
MGMT 3520 Negotiation and Conflict Management ..... 3 hours
MGMT 4101 Human Resource Management..... 3 hours
MGMT 4102 Organizational Behavior..... 3 hours
MGMT 4111 Leadership ..... 3 hours
MGMT 4250 Women in Leadership..... 3 hours
MGMT 4302 Case Studies in Performance Quality Management ..... 3 hours
MGMT 4311 Entrepreneurship ..... 3 hours
MGMT 4320 Creativity and Management of Change..... 3 hours
MGMT 4403 International Management..... 3 hours
MGMT 4510 Legal Issues in Human Resources ..... 3 hours

MGMT 4725 Dean's Senior Seminar ..... 3 hours
MGMT 4800 Selected Topics in Management ..... 3 hours
MGMT 4850 Management Internship/Cooperative Education .....variable credit
MKTG 3100 Personal Marketing ..... 3 hours
MKTG 3302 Consumer Behavior..... 3 hours
MKTG 3312 Services Marketing..... 3 hours
MKTG 3520 Negotiation and Conflict Management..... 3 hours
MKTG 4104 Marketing Research and Analysis..... 3 hours
MKTG 4106 Advertising and Promotion Strategy ..... 3 hours
MKTG 4200 Sports Marketing..... 3 hours
MKTG 4207 Professional Selling..... 3 hours
MKTG 4420 International Marketing..... 3 hours
MKTG 4510 Retailing ..... 3 hours
MKTG 4750 Marketing Management..... 3 hours
MKTG 4800 Selected Topics in Marketing..... 3 hours
MKTG 4850 Marketing Internship/Cooperative Education .....variable credit
SCML 3105 Introduction to Transportation and Logistics..... 3 hours
SCML 3106 Principles of Supply Chain Management ..... 3 hours
SCML 3580 Operations and Warehouse Management..... 3 hours
SCML 4105 Global Sourcing in SCM..... 3 hours
SCML 4170 Financial Issues in SCM ..... 3 hours
SCML 4260 Freight Management and Costing ..... 3 hours
SCML 4750 Performance Measurement in SCM..... 3 hours

Business Capstone .....**3 hours**
MGMT 4750 Strategic Management..... 3 hours

Non-Business Courses .....**6 hours**
MATH 1241 Survey of Calculus ..... 3 hours
Free Elective from Outside the College of Business..... 3 hours
Non-Business Electives MUST be 3 credit hour course and cannot be courses with the following prefixes: ACCT, AVEL, AVMT, BUSA, BLAW, CAPL, CNET, CITZ, CSOR, CSU, DSGN, ELEC, EMS, EXLA, EXLI, EXLP, FINA, , HDSK, HFMG (Physical Education), MGMT, MKTG, MEDA, OFFC, OMED, PARA, PHED, RGTE, RGTR, READ, TECH, TELE, WCOM, WLAB.

Total Degree Requirements.....**120 hours**

BACHELOR OF BUSINESS ADMINISTRATION IN GENERAL BUSINESS SUGGESTED DEGREE PROGRAM SEQUENCE FOR FULL TIME STUDENTS

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101	English Composition I	3	ENGL 1102	English Composition II	3
MATH 1111	College Algebra	3	ECON 2105	Prin. of Macroeconomics	3
CSU 1022	University Foundations	2	Area C2	Fine Arts, Philosophy, or For. Language 2001/2002	3
Area B2	Communications	3	MATH 1231	Intro to Statistics	3
POLS 1101	American Government	3	Area E4	PSYC 1101 or SOCI 1101 or WST 2010 or AFAM 2010	3
Total		***14***	***Total***		***15***

SOPHOMORE YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ACCT 2101	Prin. Financial Accounting	4	ACCT 2102	Prin. Managerial Accounting	3
Area D1	Natural Science I	3	Area D1	Natural Science II	3
Area D1 Lab	Natural Science I Lab	1	ECON 2106	Prin of Microeconomics	3
CRIT 1101	Critical Thinking	3	Area E3	HIST 2111 or HIST 2112	3
Area C1	Literature, Philosophy, Foreign Lang. 2001/2002	3	Area E2	HIST 1111 or HIST 1112 or HIST 2750	3
BLAW 2106	Legal Environment of Bus.	3	CPTG 2201	Computer Applications	3
Total		***16***	***Total***		***18***
				Apply for Admission to BBA Program	

JUNIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
BUSA 3101	Business Statistics	3	FINA 3101	Corporate Finance	3
MKTG 3101	Principles of Marketing	3	MGMT 3102	Perf/Quality Management	3
MGMT 3101	Mgmt. Prin. & Org. Beh.	3		MKTG Major Elective	3
MATH 1241	Survey of Calculus	3		Business Major Elective	3
	MGMT Major Elective	3		Business Major Elective	3
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MGMT 3120	Managerial Comm.	3	MGMT 4750	Strategic Management	3
MKTG 3420	Global Business	3		Business Major Elective	3
	ACCT/FINA Major Elective	3		Business Major Elective	3
	Business Major Elective	3		Business Major Elective	3
	Non Business Elective	3		Business Major Elective	***3***
Total		***15***	***Total***		***15***

Students employed full-time are encouraged to limit enrollment each semester (6-9 credit hours) to assure sufficient time for course work. Part time students should consult an Academic Advisor in the College of Business to assist with academic planning.

Bachelor of Business Administration in Management

Consistent with the mission of the College of Business, the mission of the Management Program is to provide a broad-based undergraduate curriculum designed to prepare students for careers involving leadership and management.

Upon successful completion of the program, students should obtain the following learning outcomes:

1. A broad-based general education, preparing students to contribute to their organization, community, and society by communicating effectively, thinking critically and c onceptually, acting ethically, and valuing diversity.
2. The basic knowledge, skills, and attitudes required for effective leadership and management, including establishing direction, motivating, planning, organizing, and controlling.
3. Opportunities for specialized instruction in selected areas such as Supply Chain Management, Finance, and Marketing.
4. Opportunities to apply skills in real-world settings through such activities as service learning projects, work study programs, and/or internships.

BACHELOR OF BUSINESS ADMINISTRATION IN MANAGEMENT DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**
All Management Core Curriculum requirements are shown in the suggested degree program.

Lower Division Major Requirements (Core Curriculum Area F) .....**18 hours**
ACCT 2101 Principles of Financial Accounting ..... 3 hours
ACCT 2102 Principles of Managerial Accounting ..... 3 hours
BLAW 2106 Legal Environment of Business..... 3 hours
CPTG 2201 Advanced Computer Application ..... 3 hours
ECON 2105 Principles of Macroeconomics ..... 3 hours
ECON 2106 Principles of Microeconomics..... 3 hours

Upper Division Business Core Requirements .....**21 hours**
BUSA 3101 Business Statistics..... 3 hours
FINA 3101 Corporate Finance..... 3 hours
MGMT 3101 Management Principles and Organizational Behavior..... 3 hours
MGMT 3102 Performance/Quality Management ..... 3 hours
MGMT 3120 Managerial Communications..... 3 hours
MKTG 3101 Principles of Marketing ..... 3 hours
MKTG 3420 Global Business ..... 3 hours

Required Management Major Courses.....**9 hours**
MGMT 4101 Human Resource Management..... 3 hours
MGMT 4102 Organizational Behavior..... 3 hours
MGMT 4111 Leadership ..... 3 hours

Management Electives .....**21 hours**
At least nine credit hours must be from courses that have a MGMT prefix, and at least nine credit hours must be from courses that do not have a MGMT prefix.
Select from among:
ACCT 3110 Managerial Cost Accounting..... 3 hours
ACCT 3250 Taxation of Individuals ..... 3 hours
ACCT 3351 Intermediate Financial Accounting I ..... 3 hours
ACCT 3352 Intermediate Financial Accounting II ..... 3 hours
ACCT 4110 Advanced Managerial Cost Accounting..... 3 hours
ACCT 4210 Volunteer Income Tax Preparation Program ..... 3 hours
ACCT 4250 Taxation of Business Entities ..... 3 hours
ACCT 4330 Accounting Information Systems ..... 3 hours
ACCT 4352 Advanced Financial Accounting..... 3 hours

ACCT 4440 Governmental and Non-Profit Accounting ..... 3 hours
ACCT 4470 Forensic Accounting ..... 3 hours
ACCT 4480 Auditing and Assurance Services ..... 3 hours
ACCT 4800 Selected Topics in Accounting..... 3 hours
ACCT 4850 Accounting Internship/Cooperative Education.....variable credit
ACCT 4900 Directed Research and Reading.....variable credit
BLAW 3370 Intermediate Business Law..... 3 hours
BUSA 3700 Business Ethics and Corporate Responsibility ..... 3 hours
BUSA 3800 Selected Topics in Business..... 3 hours
BUSA 4446 Managerial Economics..... 3 hours
BUSA 4850 Internship/Cooperative Education.....variable credit
BUSA 4900 Directed Research and Readings.....variable credit
ECON 4800 Special Topics in Economics ..... 3 hours
FINA 3100 Personal Financial Management..... 3 hours
FINA 4101 Investments ..... 3 hours
FINA 4102 Intermediate Finance..... 3 hours
FINA 4103 Money and Banking: Domestic and International ..... 3 hours
FINA 4800 Selected Topics in Business ..... 3 hours
MGMT 3520 Negotiation and Conflict Management ..... 3 hours
MGMT 4250 Women in Leadership..... 3 hours
MGMT 4302 Case Studies in Performance Quality Management ..... 3 hours
MGMT 4311 Entrepreneurship..... 3 hours
MGMT 4320 Creativity and Management of Change..... 3 hours
MGMT 4403 International Management..... 3 hours
MGMT 4510 Legal Issues in Human Resources ..... 3 hours
MGMT 4725 Dean's Senior Seminar in Business..... 3 hours
MGMT 4800 Selected Topics in Management ..... 3 hours
MGMT 4850 Management Internship/Cooperative Education.....variable credit
MKTG 3100 Personal Marketing ..... 3 hours
MKTG 3302 Consumer Behavior..... 3 hours
MKTG 3312 Services Marketing..... 3 hours
MKTG 3520 Negotiation Conflict Management ..... 3 hours
MKTG 4104 Marketing Research and Analysis..... 3 hours
MKTG 4106 Advertising and Promotion Strategy ..... 3 hours
MKTG 4200 Sports Marketing..... 3 hours
MKTG 4207 Professional Selling..... 3 hours
MKTG 4420 International Marketing..... 3 hours
MKTG 4510 Retailing ..... 3 hours
MKTG 4750 Marketing Management..... 3 hours
MKTG 4800 Selected Topics in Marketing..... 3 hours
MKTG 4850 Marketing Internship/Cooperative Education .....variable credit
SCML 3105 Introduction to Transportation and Logistics..... 3 hours
SCML 3106 Principles of Supply Chain Management ..... 3 hours
SCML 3580 Operations and Warehouse Management..... 3 hours
SCML 4105 Global Sourcing in SCM..... 3 hours
SCML 4170 Financial Issues in SCM ..... 3 hours
SCML 4260 Freight Management and Costing ..... 3 hours
SCML 4750 Performance Measurement in SCM..... 3 hours

Business Capstone .....**3 hours**
MGMT 4750 Strategic Management..... 3 hours

Non-Business Courses .....**6 hours**
MATH 1241 Survey of Calculus ..... 3 hours

Free Electives from Outside the College of Business ..... 3 hours
Non-Business Electives MUST be 3 credit hour course and cannot be courses with the following prefixes: ACCT, AVEL, AVMT, BUSA, BLAW, CAPL, CNET, CITZ, CSOR, CSU, DSGN, ELEC, EMS, EXLA, EXLI, EXLP, FINA, HDSK, HFMG (Physical Education), MGMT, MKTG, MEDA, OFFC, OMED, PARA, PHED, RGTE, RGTR, READ, TECH, TELE, WCOM, WLAB.

Total Degree Requirements.....**120 hours**

BACHELOR OF BUSINESS ADMINISTRATION IN MANAGEMENT SUGGESTED DEGREE PROGRAM SEQUENCE FOR FULL TIME STUDENTS

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101	English Composition I	3	ENGL 1102	English Composition II	3
MATH 1111	College Algebra	3	ECON 2105	Prin of Macroeconomics	3
CSU 1022	University Foundations	2	MATH 1231	Intro to Statistics	3
Area B2	Communications	3	Area C2	Fine Arts, Philosophy, Foreign Lang. 2001/2002	3
Area E1	American Government	3	Area E4	PSYC 1101 or SOCI 1101 or WST 2010 or AFAM 2010	3
Total		***14***	***Total***		***15***

SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
Area D1	Natural Science	3	Area D1	Natural Science II	3
Area D1 Lab	Natural Science Lab	1	ACCT 2102	Prin. Managerial Accounting	3
ACCT 2101	Prin Financial Accounting	3	ECON 2106	Prin. Of Microeconomics	3
BLAW 2106	Legal Environ of Business	3	Area E3	HIST 2111 or HIST 2112	3
CRIT 1101	Critical Thinking	3	Area E2	HIST 1111 or HIST 1112 or HIST 2750	3
Area C1	Literature, Philosophy, Foreign Lang. 2001/2002	3	CPTG 2201	Advance Computer Appl.	3
Total		***16***	***Total***		***18***
				Apply for Admission to BBA program.	

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
BUSA 3101	Business Statistics	3	FINA 3101	Corporate Finance	3
MKTG 3101	Principles of Marketing	3	MGMT 3102	Perf/Quality Management	3
MGMT 3101	Mgmt. Prin. & Org. Beh.	3	MGMT 4101	Human Resource Mgmt	3
MATH 1241	Survey of Calculus	3		MGMT Major Elective	3
	MGMT Major Elective	3		Business Major Elective	3
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MGMT 3120	Managerial Comm.	3	MGMT 4750	Strategic Management	3
MGMT 4102	Organizational Behavior	3	MKTG 3420	Global Business	3
MGMT 4111	Leadership	3		MGMT Major Elective	3
	Business Major Elective	3		Business Major Elective	3
	Non Business Elective	3		Business Major Elective	3
Total		***15***	***Total***		***15***

Students employed full-time are encouraged to limit enrollment each semester (6-9 credit hours) to assure sufficient time for course work. Part-time students should consult an Academic Advisor in the College of Business to assist with academic planning.

Bachelor of Business Administration in Marketing

Consistent with the mission of the College of Business, the mission of the Marketing Program is to provide a broad based general and business education that prepares students for careers in marketing related fields. Upon successful completion of the program, students should obtain the following learning outcomes: A broad based general and business education that prepares students to contribute to their organization, community and society as a whole:

1. To provide students with a strong knowledge base, hands-on experience and create the mindset required for success in the dynamic field of marketing
2. To provide the student with the option of a specialized education in marketing
3. To provide students with a variety of skills required in the diverse field of marketing

BACHELOR OF BUSINESS ADMINISTRATION IN MARKETING DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**
All Marketing Core Curriculum requirements are shown in the suggested degree program.

Lower Division Major Requirements (Core Curriculum Area F) .....**18 hours**
ACCT 2101 Principles of Financial Accounting ..... 3 hours
ACCT 2102 Principles of Managerial Accounting..... 3 hours
BLAW 2106 Legal Environment of Business..... 3 hours
CPTG 2201 Advanced Computer Application ..... 3 hours
ECON 2105 Principles of Macroeconomics ..... 3 hours
ECON 2106 Principles of Microeconomics..... 3 hours

Upper Division Business Core Requirements .....**21 hours**
BUSA 3101 Business Statistics..... 3 hours

FINA 3101 Corporate Finance..... 3 hours
MGMT 3101 Management Principles and Organizational Behavior..... 3 hours
MGMT 3102 Performance/Quality Management ..... 3 hours
MGMT 3120 Managerial Communications..... 3 hours
MKTG 3101 Principles of Marketing ..... 3 hours
MKTG 3420 Global Business ..... 3 hours

Required Marketing Major Courses.....**9 hours**
MKTG 4104 Marketing Research and Analysis..... 3 hours
MKTG 4207 Professional Selling..... 3 hours
MKTG 4750 Marketing Management..... 3 hours

Marketing Electives .....**9 hours**
At least nine credit hours (3 courses) MUST be from the following Marketing Courses:

MKTG 3302 Consumer Behavior ..... 3 hours
MKTG 3312 Services Marketing..... 3 hours
MKTG 4106 Advertising and Promotion Strategies ..... 3 hours
MKTG 4200 Sports Marketing..... 3 hours
MKTG 4420 International Marketing..... 3 hours
MKTG 4510 Retailing ..... 3 hours
MKTG 4800 Special Topics in Marketing..... 3 hours
MKTG 4850 Internship..... 3 hours

BUSINESS ELECTIVES .....12 hours
At least six hours (2 courses) must be a 3000-4000 level Business courses that do **NOT** have a MKTG prefix. A course will not be credited twice. Courses taken to satisfy the requirements above may not be used again to satisfy this section.

Select from among:
ACCT 3110 Managerial Cost Accounting..... 3 hours
ACCT 3250 Taxation of Individuals ..... 3 hours
ACCT 3351 Intermediate Financial Accounting I ..... 3 hours
ACCT 3352 Intermediate Financial Accounting II ..... 3 hours
ACCT 4110 Advanced Managerial Cost Accounting..... 3 hours
ACCT 4210 Volunteer Income Tax Preparation Program ..... 3 hours
ACCT 4250 Taxation of Business Entities ..... 3 hours
ACCT 4330 Accounting Information Systems ..... 3 hours
ACCT 4352 Advanced Financial Accounting..... 3 hours
ACCT 4440 Governmental and Non-Profit Accounting ..... 3 hours
ACCT 4470 Forensic Accounting ..... 3 hours
ACCT 4480 Auditing and Assurance Services ..... 3 hours
ACCT 4800 Selected Topics in Accounting..... 3 hours
ACCT 4850 Accounting Internship/Cooperative Education.....variable credit
ACCT 4900 Directed Research and Reading.....variable credit
BLAW 3370 Intermediate Business Law..... 3 hours
BUSA 3700 Business Ethics and Corporate Social Responsibility ..... 3 hours
BUSA 3800 Selected Topics in Business..... 3 hours
BUSA 4446 Managerial Economics..... 3 hours
BUSA 4850 Internship/Cooperative Education.....variable credit
BUSA 4900 Directed Research and Readings.....variable credit
ECON 4800 Special Topics in Economics ..... 3 hours
FINA 3100 Personal Financial Management..... 3 hours
FINA 4101 Investments ..... 3 hours

FINA 4102 Intermediate Finance..... 3 hours
FINA 4103 Money and Banking: Domestic and International ..... 3 hours
FINA 4800 Selected Topics in Business ..... 3 hours
MGMT 3520 Negotiation and Conflict Management..... 3 hours
MGMT 4101 Human Resource Management..... 3 hours
MGMT 4102 Organizational Behavior..... 3 hours
MGMT 4111 Leadership ..... 3 hours
MGMT 4250 Women in Leadership..... 3 hours
MGMT 4302 Case Studies in Performance Quality Management ..... 3 hours
MGMT 4311 Entrepreneurship..... 3 hours
MGMT 4320 Creativity and Management of Change..... 3 hours
MGMT 4403 International Management..... 3 hours
MGMT 4510 Relations Legal Issues in Human Resources..... 3 hours
MGMT 4725 Dean's Senior Honors Seminar..... 3 hours
MGMT 4800 Selected Topics in Management ..... 3 hours
MGMT 4850 Management Internship/Cooperative Education.....variable credit
MKTG 3100 Personal Marketing ..... 3 hours
MKTG 3302 Consumer Behavior..... 3 hours
MKTG 3312 Services Marketing..... 3 hours
MKTG 3520 Negotiation and Conflict Management..... 3 hours
MKTG 4106 Advertising and Promotion Strategy..... 3 hours
MKGT 4200 Sports Marketing..... 3 hours
MKTG 4420 International Marketing..... 3 hours
MKTG 4510 Retailing ..... 3 hours
MKTG 4800 Selected Topics in Marketing..... 3 hours
MKTG 4850 Marketing Internship/Cooperative Education .....variable credit
SCML 3105 Introduction to Transportation and Logistics..... 3 hours
SCML 3106 Principles of Supply Chain Management ..... 3 hours
SCML 3580 Operations and Warehouse Management..... 3 hours
SCML 4105 Global Sourcing in SCM..... 3 hours
SCML 4170 Financial Issues in SCM ..... 3 hours
SCML 4260 Freight Management and Costing ..... 3 hours
SCML 4750 Performance Measurement in SCM..... 3 hours

Business Capstone .....**3 hours**
MGMT 4750 Strategic Management..... 3 hours

Non-Business Courses .....**6 hours**
MATH 1241 Survey of Calculus ..... 3 hours
Free Elective from Outside the College of Business..... 3 hours
Non-Business Electives MUST be 3 credit hour course and cannot be courses with the following prefixes: ACCT, AVEL, AVMT, BUSA, BLAW, CAPL, CNET, CITZ, CSOR, CCSU, CSU, DSGN, ELEC, EMS, EXLA, EXLI, EXLP, FINA, HDSK, HFMG (Physical Education), MGMT, MKTG, MEDA, OFFC, OMED, PARA, PHED, RGTE, RGTR, READ, TECH, TELE, WCOM, WLAB.

Total Degree Requirements.....**120 hours**

BACHELOR OF BUSINESS ADMINISTRATION IN MARKETING SUGGESTED DEGREE PROGRAM SEQUENCE FOR FULL TIME STUDENTS

FRESHMAN YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101	English Composition I	3	ENGL 1102	English Composition II	3
MATH 1101	College Algebra	3	ECON 2105	Prin of Macroeconomics	3
CSU 1022	University Foundation	2	MATH 1231	Intro. To Statistics	3
Area B2	Communications	3	Area C2	Fine Arts, Philosophy, Foreign Lang. 2001/2002	3
Area E1	American Government	3	Area E4	PSYC 1101 or SOCI 1101 or WST 2010 or AFAM 2010	3
Total		***14***	***Total***		***15***

SOPHOMORE YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
Area D1	Natural Science	3	Area D1	Natural Science II	3
Area D1 Lab	Natural Science Lab	1	ACCT 2102	Prin Managerial Accounting	3
ACCT 2101	Prin. Financial Accounting	3	ECON 2106	Prin of Microeconomics	3
CRIT 1101	Critical Thinking	3	Area E3	HIST 2111 or HIST 2112	3
Area C1	Literature, Philosophy, Foreign Lang. 2001/2002	3	Area E2	HIST 1111 or HIST 1112, or HIST 2750	3
BLAW 2106	Legal Environment of Bus.	3	CPTG 2201	Computer Applications	3
Total		***16***	***Total***		***18***
				Apply for Admission to BBA Program	

JUNIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
BUSA 3101	Business Statistics	3	FINA 3101	Corporate Finance	3
MKTG 3101	Principles of Marketing	3	MGMT 3102	Perf/Quality Management	3
MGMT 3101	Mgmt. Prin. & Org. Beh.	3		Business Major Elective	3
MATH 1241	Survey of Calculus	3	MKTG 4207	Professional Selling	3
	Business Major Elective	3		MKTG Major Elective	3
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MKTG 4104	Market Research & Analy.	3	MGMT 4750	Strategic Management	3
MGMT 3120	Managerial Comm.	3	MKTG 4750	Marketing Management	3
MKTG 3420	Global Business	3		MKTG Major Elective	3
	MKTG Major Elective	3		Business Major Elective	3
	Non Business Elective	3		Non Business Major Elective	3
Total		***15***	***Total***		***15***

Students employed full-time are encouraged to limit enrollment each semester (6-9 credit hours) to assure sufficient time for course work. Part time students should consult an Academic Advisor in the College of Business to assist with academic planning.

Bachelor of Business Administration in Supply Chain Management

Consistent with the mission of the College of Business, the mission of the Supply Chain Management program is to provide a br oad-based general business education that prepares students for careers in Supply Chain Management and related fields.
Upon successful completion of the program, students should obtain the following learning outcomes:

- A broad-based business education that prepares students to contribute to their organization, community and society as a whole
- To provide students with a strong knowledge base, hands-on experience and create the mindset required for success in the dynamic field of supply chain management
- To provide the student with the option of a specialized education in Supply chain management
- To provide students with practical, relevant, and important skills required in the diverse field of supply chain management

BACHELOR OF BUSINESS ADMINISTRATION IN SUPPLY CHAIN MANAGEMENT DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**
All Marketing Core Curriculum requirements are shown in the suggested degree program.

Lower Division Major Requirements (Core Curriculum Area F) .....**18 hours**
ACCT 2101 Principles of Financial Accounting ..... 3 hours
ACCT 2102 Principles of Managerial Accounting ..... 3 hours
BLAW 2106 Legal Environment of Business..... 3 hours
CPTG 2201 Advanced Computer Application ..... 3 hours
ECON 2105 Principles of Macroeconomics ..... 3 hours
ECON 2106 Principles of Microeconomics..... 3 hours

Upper Division Business Core Requirements .....**21 hours**
BUSA 3101 Business Statistics..... 3 hours
FINA 3101 Corporate Finance..... 3 hours
MGMT 3101 Management Principles and Organizational Behavior..... 3 hours
MGMT 3102 Performance/Quality Management ..... 3 hours
MGMT 3120 Managerial Communications..... 3 hours
MKTG 3101 Principles of Marketing ..... 3 hours
MKTG 3420 Global Business ..... 3 hours

Required Supply Chain Management Major Courses.....**18 hours**
SCML 3105 Introduction to Transportation and Logistics..... 3 hours

SCML 3106 Principles of Supply Chain Management ..... 3 hours
SCML 3850 Operations and Warehouse Management..... 3 hours
SCML 4105 Global Sourcing in Supply Chain Management ..... 3 hours
SCML 4170 Financial Issues in Supply Chain Management..... 3 hours
SCML 4750 Performance Measurement in Supply Chain Management .... 3 hours

Supply Chain Management Electives.....**12 hours**
SCML 4260-Freight Management and Costing is recommended. Courses with a SCML, MGMT, or MKTG prefix, and BUSA 4850-Internship, are permitted. A MGMT or MKTG minor is possible

Select from among:
ACCT 3110 Managerial Cost Accounting..... 3 hours
ACCT 3250 Taxation of Individuals ..... 3 hours
ACCT 3351 Intermediate Financial Accounting I ..... 3 hours
ACCT 3352 Intermediate Financial Accounting II ..... 3 hours
ACCT 4110 Advanced Managerial Cost Accounting..... 3 hours
ACCT 4210 Volunteer Income Tax Preparation Program ..... 3 hours
ACCT 4250 Taxation of Business Entities ..... 3 hours
ACCT 4330 Accounting Information Systems ..... 3 hours
ACCT 4352 Advanced Financial Accounting..... 3 hours
ACCT 4440 Governmental and Non-Profit Accounting ..... 3 hours
ACCT 4470 Forensic Accounting ..... 3 hours
ACCT 4480 Auditing and Assurance Services ..... 3 hours
ACCT 4800 Selected Topics in Accounting..... 3 hours
ACCT 4850 Accounting Internship/Cooperative Education.....variable credit
ACCT 4900 Directed Research and Reading.....variable credit
BLAW 3370 Intermediate Business Law..... 3 hours
BUSA 3700 Business Ethics and Corporate Social Responsibility ..... 3 hours
BUSA 3800 Selected Topics in Business..... 3 hours
BUSA 4446 Managerial Economics..... 3 hours
BUSA 4850 Internship/Cooperative Education.....variable credit
BUSA 4900 Directed Research and Readings.....variable credit
ECON 4800 Special Topics in Economics ..... 3 hours
FINA 3100 Personal Financial Management..... 3 hours
FINA 4101 Investments ..... 3 hours
FINA 4102 Intermediate Finance..... 3 hours
FINA 4103 Money and Banking: Domestic and International ..... 3 hours
FINA 4800 Selected Topics in Finance..... 3 hours
MGMT 3520 Negotiation and Conflict Management ..... 3 hours
MGMT 4101 Human Resource Management..... 3 hours
MGMT 4102 Organizational Behavior..... 3 hours
MGMT 4111 Leadership ..... 3 hours
MGMT 4250 Women in Leadership..... 3 hours
MGMT 4302 Case Studies in Performance Quality Management ..... 3 hours
MGMT 4311 Entrepreneurship..... 3 hours
MGMT 4320 Creativity and Management of Change..... 3 hours
MGMT 4403 International Management..... 3 hours
MGMT 4510 Relations Legal Issues in Human Resources ..... 3 hours
MGMT 4725 Dean's Senior Honors Seminar..... 3 hours
MGMT 4800 Selected Topics in Management ..... 3 hours
MGMT 4850 Management Internship/Cooperative Education.....variable credit
MKTG 3100 Personal Marketing ..... 3 hours
MKTG 3302 Consumer Behavior..... 3 hours
MKTG 3312 Services Marketing..... 3 hours

MKTG 3520 Negotiation and Conflict Management..... 3 hours
MKTG 4104 Marketing Research and Analysis..... 3 hours
MKTG 4106 Advertising and Promotion Strategy..... 3 hours
MKTG 4200 Sports Marketing..... 3 hours
MKTG 4207 Professional Selling..... 3 hours
MKTG 4420 International Marketing..... 3 hours
MKTG 4510 Retailing ..... 3 hours
MKTG 4750 Marketing Management..... 3 hours
MKTG 4800 Selected Topics in Marketing..... 3 hours
MKTG 4850 Marketing Internship/Cooperative Education .....variable credit
SCML 4260 Freight Management and Costing ..... 3 hours

Business Capstone .....**3 hours**
MGMT 4750 Strategic Management..... 3 hours

Non-Business Courses .....**6 hours**
MATH 1241 Survey of Calculus ..... 3 hours
Free Elective from Outside the College of Business..... 3 hours
Non-Business Electives MUST be 3 credit hour course and cannot be courses with the following prefixes: ACCT, AVEL, AVMT, BUSA, BLAW, CAPL, CNET, CITZ, CSOR, CCSU, CSU, DSGN, ELEC, EMS, EXLI, EXLA, EXLP, FINA, HDSK, HFMG (Physical Education), MGMT, MKTG, MEDA, OFFC, OMED, PARA, PHED, RGTE, RGTR, READ, TECH, TELE, WCOM, WLAB.

Total Degree Requirements.....**120 hours**

BACHELOR OF BUSINESS ADMINISTRATION IN SUPLY CHAIN
SUGGESTED DEGREE PROGRAM SEQUENCE FOR FULL TIME STUDENTS

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101	English Composition I	3	ENGL 1102	English Composition II	3
MATH 1111	College Algebra	3	ECON 2105	Prin of Macroeconomics	3
CSU 1022	University Foundation	2	MATH 1231	Intro. To Statistics	3
Area B2	Communications	3	Area C2	Fine Arts, Philosophy, Foreign Lang. 2001/2002	3
Area E1	American Government	3	Area E4	PSYC 1101 or SOCI 1101 or WST 2010 or AFAM 2010	3
Total		***14***	***Total***		***15***

SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
Area D1	Natural Science	3	Area D1	Natural Science II	3
Area D1 Lab	Natural Science Lab	1	ACCT 2102	Prin Managerial Accounting	3
ACCT 2101	Prin. Financial Accounting	3	ECON 2106	Prin of Microeconomics	3
CRIT 1101	Critical Thinking	3	Area E3	HIST 2111 or HIST 2112	3
Area C1	Literature, Philosophy, Foreign Lang. 2001/2002	3	Area E2	HIST 1111 or HIST 1112, or HIST 2750	3
BLAW 2106	Legal Environment of Bus.	3	CPTG 2201	Computer Applications	3

Total		***16***	***Total***		***18***
				Apply for Admission to BBA Program	

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
BUSA 3101	Business Statistics	3	FINA 3101	Corporate Finance	3
MKTG 3101	Principles of Marketing	3	MGMT 3102	Perf/Quality Management	3
MGMT 3101	Mgmt. Prin. & Org. Beh.	3		Business Major Elective	3
MATH 1241	Survey of Calculus	3	SCML 3106	Principles of SCM	3
SCML 3105	Introduction to Transportation	3	SCML 3850	Operations and Warehouse Mgmt	3
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
SCML 4105	Global Sourcing in SCM	3	MGMT 4750	Strategic Management	3
MGMT 3120	Managerial Comm.	3	SCML 4750	Performance Measurement in SCM	3
MKTG 3420	Global Business	3		Business Major Elective	3
SCML 4170	Financial Issues is SCM	3		Business Major Elective	3
	Business Major Elective	3		Non Business Major Elective	3
Total		***15***	***Total***		***15***

Students employed full-time are encouraged to limit enrollment each semester (6-9 credit hours) to assure sufficient time for course work. Part time students should consult an Academic Advisor in the College of Business to assist with academic planning.

Minor Program in Finance

The finance minor will offer Clayton State University students the opportunity to focus on a s pecific area of business that offers excellent employment opportunity in the Atlanta area and beyond. Students must be admitted to a BBA major to declare a minor in Finance.

FINANCE MINOR PROGRAM REQUIREMENTS .....15 hours

Required Courses.....**3 hours**
FINA 3101 Corporate Finance..... 3 hours

Elective Courses (Take any four of the following courses).....**12 hours**
ACCT 3351 Intermediate Financial Accounting..... 3 hours
FINA 3100 Personal Finance ..... 3 hours
FINA 4101 Investment..... 3 hours
FINA 4102 Intermediate Finance..... 3 hours
FINA 4103 Money and Banking: Domestic and International ..... 3 hours

Minor Program in Marketing

The marketing minor will offer Clayton State University students the opportunity to focus on a specific area of business that offers excellent employment opportunity in the Atlanta area and beyond.

MARKETING MINOR PROGRAM REQUIREMENTS.....18 hours

Required Courses.....6 hours
ECON 2106 Principles of Microeconomics..... 3 hours
MKTG 3101 Principles of Marketing..... 3 hours

Elective Courses (Take any four of the following courses).....**12 hours**
MKTG 3420 Global Business..... 3 hours
MKTG 4104 Marketing Research and Analysis..... 3 hours
MKTG 4207 Professional Selling..... 3 hours
MKTG 4750 Marketing Management..... 3 hours
MKTG 3302 Consumer Behavior..... 3 hours
MKTG 3312 Services Marketing..... 3 hours
MKTG 3520 Negotiation and Conflict Management..... 3 hours
MKTG 4106 Advertising and Promotion Strategy..... 3 hours
MKTG 4200 Sports Marketing..... 3 hours
MKTG 4420 International Marketing..... 3 hours
MKTG 4510 Retailing..... 3 hours
MKTG 4800 Selected Topics in Marketing..... 3 hours
SCML 3105 Introduction to Transportation and Logistics..... 3 hours

Minor in Business for Non-BBA Majors

BUSINESS MINOR PROGRAM REQUIREMENTS.....18 hours

Required Courses.....15 hours
ACCT 2101 Principles of Financial Accounting..... 3 hours
ECON 2105 Principles of Macroeconomics..... 3 hours
ECON 2106 Principles of Microeconomics..... 3 hours
MKTG 3101 Principles of Marketing..... 3 hours
MGMT 3101 Management Principles and Organizational Behavior..... 3 hours

Elective Courses (Take one 3000 or 4000 designated course).....**3 hours**
These are examples of courses that students can take. None of these courses require admission to the College of Business:

MGMT 3520 Negotiation and Conflict Management..... 3 hours
MGMT 4101 Human Resource Management..... 3 hours
MGMT 4102 Organizational Behavior..... 3 hours
MGMT 4311 Entrepreneurship..... 3 hours
MGMT 4320 Creativity and Management of Change..... 3 hours
MKTG 3302 Consumer Behavior..... 3 hours
MKTG 3312 Services Marketing..... 3 hours
MKTG 3520 Negotiation and Conflict Management..... 3 hours
MKTG 4106 Advertising and Promotion Strategy..... 3 hours

MKTG 4510 Retailing ..... 3 hours
SCML 3105 Introduction to Transportation and Logistics..... 3 hours
SCML 3106 Principles of Supply Chain Management ..... 3 hours

Minor in Supply Chain Management

The supply chain minor will give students the opportunity to focus on a specific area of business that offers excellent employment opportunities in the Atlanta area and beyond.

SUPPLY CHAIN MANAGEMENT PROGRAM REQUIREMENTS.....18 hours

Required Courses.....15 hours
MGMT 3101 Management Principles and Organizational Behavior..... 3 hours
SCML 3105 Intro-Transportation & Logistics..... 3 hours
SCML 3106 Principles-Supply Chain Management ..... 3 hours
SCML 4105 Global Sourcing in Supply Chain Management..... 3 hours
SCML3580 Operations & Warehouse Management ..... 3 hours

Elective Courses (select one).....3 hours
* MGMT 3102 Performance/Quality Management ..... 3 hours
MKTG 3420 Global Business ..... 3 hours
SCML4260 Freight Management and Costing ..... 3 hours
*Requires admission to BBA program.

Minor Requirements

Students are limited to two minors per degree program. Minor requirements must be completed within a student degree program to be documented on a student's transcript. A minimum of six semester hours of minor requirements must be complete at Clayton State University. Students pursuing two minors must have at least six hours that are not used in the other minor. The grade of a C or higher is required for all business minor courses. Students pursuing a minor in business must meet all necessary pre-requisites for business courses. Students pursuing a business minor need to complete a Declaration/Change of Minor Form which can be found on the College of Business website http://www.clayton.edu/business and submit the form to the Office of Academic and Career Advisement in T151. Students will also need to submit a minor supplement form by the appropriate deadline as part of the graduation application process.

COLLEGE OF HEALTH

ADMINISTRATIVE OFFICERS

Lisa Wright Eichelberger, *Dean*

School of Nursing

ADMINISTRATIVE OFFICERS

Betty Lane, *Interim Undergraduate Chair*
Victoria Foster, *Interim Director of Graduate Programs*

FACULTY

Susan A. Ashford
Katrina R. Barnes
Jennie S. Bergen
Nancy Capponi
Jennell Charles
Debra J. Cody
Elicia Collins
Han N. Dong
Lisa W. Eichelberger
Victoria Foster
Emily Kilburg
Betty Lane
Barbara Lofton
Grace Nteff
Sue Ellen Odom
Judy Ruvalcaba
Sharon Janie Shaw
Lisa Smiley
Lynn Stover
Terri Williams Summers
Celeste C. Surreira
Dina M. Swearngin
Charlotte Swint
Deonna S. Tanner
Keri Varner
Isadora E. Weir
Barbara Wiggs

MISSION AND GOALS

Consistent with the mission statement of Clayton State University, the School of Nursing is committed to providing comprehensive nursing education to residents from a diverse range of ethnic, socioeconomic, experiential, and geographical backgrounds. The following essential considerations inform and guide the programs offered by the School of Nursing:

- increasingly complex global context of contemporary life;
- promotion of community-based, experiential learning;
- continuous education for teaching, scholarship, and growth;
- promotion of health and human development of the global community in transition;
- providing high quality educational services for the development of competent, caring, and committed professional nurses;
- developing programs which incorporates innovative health care and educational technologies;
- maintaining standards of professional nursing practice that recognize and value the social, economic, ethnic and cultural diversity of individuals as central to the promotion of health and human development;
- promoting collaborative, interdisciplinary practices models.

It is the faculty's mission to use those resources which will promote lifelong learning and enhance the acquisition of skill in modern technology. Mastery of

critical thinking skills, comprehensive care, theory-based practice, research, and communication is successfully accomplished by integrating theory, clinical practice, and advanced technologies. The curriculum facilitates the transition of students into professional nursing roles in a multifaceted and multicultural health care environment.

HONOR SOCIETIES AND CLUBS

Honor societies, clubs, and service organizations are designed to support, augment, and supplement educational and professional development, and students are invited to participate in the Clayton State chapter of the Student Nurses Association (SNA). In addition, students exhibiting excellent grades, leadership ability, and high professional ethics may be invited to join the Sigma Theta Tau International Nursing Honor Society during their senior year.

PROGRAM OUTCOMES

1. Demonstrate human caring as a key philosophical basis for the practice of nursing.
2. Utilize effective communication skills to promote therapeutic nurse-client interactions and good collegial relationships.
3. Engage in critical thinking by using creative problem solving and making appropriate inferences, based on evidence derived from clinical practice.
4. Demonstrate client care that reflects the consideration of socioeconomic, political, legal, ethical and human diversity variables in the changing health care environment.
5. Demonstrate competence in utilizing information technology resources to advance professional practice.
6. Collaborate with health care providers from other disciplines to improve client outcomes.
7. Utilize nursing therapeutics based on a synthesis of critical thinking strategies and a theoretical knowledge base in nursing to provide competent professional care and maximize healthy outcomes.
8. Demonstrate commitment to ongoing professional development as a life-long learner.
9. Apply selected theoretical frameworks and evidence-based practice to nursing practice in diverse settings.

ACCREDITATION

The BSN program has approval of the Georgia Board of Nursing and is accredited by the Commission on Collegiate Nursing Education (CCNE). Information about approval and/or accreditation may be obtained from the following:

Georgia Board of Nursing
237 Coliseum Drive
Macon, Georgia 31217-3858
478-207-1640
www.sos.state.ga.us/pbl/m/

Commission on Collegiate Nursing Education
One Dupont Circle, NW
Washington, D.C. 20036-1120
www.aacn.nche.edu
202-887-6791

Bachelor of Science in Nursing

BASIC LICENSURE TRACK

Admission

The basic licensure BSN track is available to recent high school graduates, non-traditional students, current Clayton State students, and transfer students who meet University admission requirements. Graduates are prepared for initial licensure as a Registered Nurse.

Nursing application is separate from University application and admission. Admission is competitive and space is limited. Students are admitted each fall and spring semester into a full-time four semester program (excluding intervening summers).

Minimum admission requirements include (details on the School of Nursing website):

1. College grade point average (GPA) of 2.80 on 4.00 scale.
2. Completion of 45 semester hours of BSN core curriculum with grades of C (or K or S) or better in all natural and behavioral science, math and Area F courses at the time of application and 60 semesters hours at the time of enrollment in nursing program.
3. Successful completion of the legislative requirements.
4. Satisfactory completion of an entrance exam (TEAS).
5. Satisfactory evidence of overall health status consistent with the performance standards for nursing.
6. Eligible for clearance on criminal background check and drug screening.
7. Applicants participating in Clayton State University's Honors Program are guaranteed admission if they meet all program admission standards.
8. Applicants who have attended another nursing program are required to disclose on their application and submit a letter of good standing from the program administrator. Applicants who have been dismissed from another nursing program are ineligible for admission to the Clayton State program. Applicants who have been suspended from another program due to academic or clinical performance will be considered on a case-by-case basis.

Curriculum

Core (Areas A - E).....**42 hours**

- Area A2 – MATH1101 or MATH1111 recommended
- Area D1 – CHEM1151-1151L-1152-1152L recommended
- Area D2 – MATH1231 recommended

Core (Area F) .....**18 hours**

BIOL 1151 Human Anatomy and Physiology I ..... 3 hours
BIOL 1151L Human Anatomy and Physiology I - Lab..... 1 hour
BIOL 1152 Human Anatomy and Physiology II ..... 3 hours
BIOL 1152L Human Anatomy and Physiology II - Lab..... 1 hour
BIOL 2250 Microbiology..... 3 hours
BIOL 2250L Microbiology - Lab..... 1 hour
PSYC 2103 Introduction to Human Development..... 3 hours
*Lower division elective ..... 3 hours

Transition Course ..... **3 hours**
HLTH 3201 Pathophysiology ..... 3 hours

Major Requirements ..... **54 hours**
NURS 3110 Interactive Communications ..... 3 hours
NURS 3200 Health Assessment ..... 3 hours
NURS 3301 Health Promotion ..... 3 hours
NURS 3301L Health Promotion Practicum ..... 1 hour
NURS 3383 Clinical Pharmacology ..... 3 hours
NURS 3401 Health Illness Transitions I ..... 3 hours
NURS 3401L Health Illness Transitions I Practicum ..... 2 hours
NURS 3501 Psychosocial Transitions ..... 3 hours
NURS 3501L Psychosocial Transitions Practicum ..... 2 hours
NURS 3701 Health Illness Transitions II ..... 3 hours
NURS 3701L Health Illness Transitions II Practicum ..... 2 hours
NURS 4000 Developmental Transitions I ..... 3 hours
NURS 4000L Developmental Transitions I Practicum ..... 2 hours
NURS 4100 Nursing Research ..... 3 hours
NURS 4201 Development Transitions II ..... 3 hours
NURS 4201L Developmental Transitions II Practicum ..... 2 hours
NURS 4401 Health Illness Transitions III ..... 3 hours
NURS 4401L Health Illness Transitions III Practicum ..... 3 hours
NURS 4500 Role Transitions ..... 2 hours
NURS 4601 Organizational Transitions ..... 4 hours
NURS 4601L Organizational Transitions Practicum ..... 1 hour

Major-Specific Electives ..... **6 hours**
Choose any two upper division electives with NURS, HLTH, HCMG, HFMG or HSCI prefixes.

Free Elective ..... **3 hours**
*Any upper division course except PHED, NURS, or courses identified in the catalog as career or institutional credit courses. Recommended courses include 3000 or 4000 level HLTH, HSCI, HCMG, HFMG or appropriate upper division statistics course).

*NOTE: Statistics course required for degree; must be satisfied prior to program admission; may be satisfied at lower or upper division level.

Academic Standards

Nursing students must maintain a semester grade point average (GPA) of 2.00 (“C”) to progress in the program. A minimum grade of “C” is required in all upper division and major courses. Students who receive a "D", "F", "WF", or "U" in any nursing course may repeat that course one time only on a space available basis. Students who receive any two of the following: "D", "F", "WF", or "U" in any two nursing courses may not continue in the program. Reference BSN Student Handbook for details.

RN-BSN Completion Track

Admission

The RN-BSN track is available for registered nurses with an associate degree or diploma in nursing who meet University admission requirements. Clayton State participates in the Georgia Statewide Articulation Model.

Nursing application is separate from University application and admission. The program is 100% online and can be completed on a full-time or part-time basis. Graduates are prepared to practice in diverse health care settings, including hospitals, homes, clinics, hospice, industry, and community.

There is also an RN-MSN program option in Nursing Education or Leadership. Students will earn both BSN and MSN degrees upon completion of all course work. Reference Graduate Catalog for details.

Minimum admission requirements include (details on the School of Nursing website):

1. Unrestricted current nursing licensure in the United States or eligibility for licensure
2. College grade point average (GPA) of 2.00 on 4.00 scale.
3. Completion of 45 semester hours of BSN core curriculum with grades of C (or K or S) or better in all natural and behavioral science, math and Area F courses at the time of application and 60 semesters hours at the time of enrollment in nursing program.
4. Successful completion of the legislative requirements.
5. Eligible for clearance on criminal background check and drug screening.
6. Please note in order to bridge to the RN-MSN program you must apply for admission to the MSN program.

Curriculum

Core (Areas A - E).....**42 hours**

- Area A2 – MATH1101 or MATH1111 recommended
- Area D1 – CHEM1151-1151L-1152-1152L recommended
- Area D2 – MATH1231 recommended

Core (Area F) .....**18 hours**

- Appropriate 1000/2000 level coursework (not applied in Core A-E)
- *MATH1231 (if not applied in Area D2) or appropriate lower division statistics course required

Transition Course.....**3 hours**
HLTH 3200 Pathophysiology for RN's ..... 3 hours

Career Block.....**25-40 hours**
Upon successful completion of NURS 3101, RNs will receive up to 40 semester hours of credit.

Major Requirements .....**23 hours**
NURS 3101 Professional Issues ..... 3 hours
NURS 3110 Interactive Communication..... 3 hours
NURS 3201 Health Assessment..... 2 hours
NURS 3202 Health Assessment Practicum for RNs..... 1 hour
NURS 4200 Research for Evidence-Based Practice ..... 3 hours
NURS 4503 Clinical Practicum for RNs ..... 3 hours
NURS 4603 Organizational Transitions ..... 4 hours
NURS 4604 Advanced Organizational Transitions for RNs 4 hours

*NOTE: Statistics course required for degree; must be satisfied prior to program admission; must be satisfied at lower division level.

Academic Standards

Nursing students must maintain a semester grade point average (GPA) of 2.00 (“C”) to progress in the program. A minimum grade of “C” is required in all upper division and major courses. Students who receive a "D", "F", "WF", or "U" in any nursing course may repeat that course one time only on a space available basis. Students who receive any two of the following: "D", "F", "WF", or "U" in any two nursing courses may not continue in the program. Reference BSN Student Handbook for details.

Double Bachelor Degrees in Nursing and Health Care Management

Students who wish to enhance their employability by being qualified as both nurses and health care managers may wish to pursue the dual degree option. Students may declare this double major upon acceptance and enrollment in the BSN program. Students must meet the following requirements:

1. Complete all requirements for the BSN.
2. Complete the following courses from Health Care Management Area F program prerequisites:
   a. ACCT 2101 Principles of Financial Accounting
   b. ECON 2105 Principles of Macroeconomics
   c. HSCI 2111/2111L Intro to Health Care Environment
   d. ITFN 1101 Foundations of Information Systems
3. Complete the following courses from Health Care Management program requirements:
   a. HCMG 3101 Introduction to Health Systems Management
   b. HCMG 3401 Applied HR Management for Health Care Delivery
   c. HCMG 3501 Health Care Systems TQM
   d. HCMG 3901 Marketing in Health Care
   e. HCMG 4560 Health Care Finance
   f. HSCI 3520 Legal Issues in Health Care
   g. HCMG 4500 Health Care Policy or HCMG 4901 Applied Research

Grade of C or better required in all courses. Other appropriate courses may be determined by the Dean in order to equal a minimum of 30 hours of Health Care Management requirements taken in residency at Clayton State and not used to meet BSN requirements.

Minor in Spanish

Students who wish to enhance their employability by becoming multilingual may wish to pursue the minor in Spanish. Students should declare this minor upon University acceptance as course progression is sequential. See the College of Arts and Sciences for curriculum details.

Department of Dental Hygiene

ADMINISTRATIVE OFFICER

W. Gail Barnes, *Department Chair*

FACULTY

W. Gail Barnes
Lois C. Manning-Burke
Joanna L. Harris
Ximena Zornosa

MISSION AND GOALS

The mission of the Department of Dental Hygiene is to provide career relevant education in the discipline of dental hygiene and to support the lifelong learning goals of individuals aspiring to careers in the dental field. The Department of Dental Hygiene offers the following options in baccalaureate degrees:

- Basic licensure track leading to a Bachelor of Science in Dental Hygiene (BSDH) with a curriculum that leads to eligibility for licensure as a Registered Dental Hygienist.
- RDH completion track leading to a Bachelor of Science in Dental Hygiene (RDH-BSDH) with a curriculum designed for the working Registered Dental Hygienist to expand their career opportunities.
- Both tracks have the option of Dual Bachelor Degrees in Dental Hygiene and Health Care Management.

HONOR SOCIETIES AND CLUBS

Among the honor societies, clubs, and service organizations designed to support, augment, and supplement the educational and professional development of students are the Student American Dental Hygienists' Association (SADHA) and Sigma Phi Alpha, the dental hygiene honor society.

PROGRAM OUTCOMES

1. Accreditation - Maintain full program accreditation from the American Dental Association Commission on Dental Accreditation necessary to comprehensively prepare competent individuals in the discipline.
2. Resources - Increase financial resources for all programs through departmental or school grant opportunities as well as through increasing extramural resources. Secure adequate number of faculty to meet ADA accreditation guidelines.
3. Distance Learning - Expand distance-learning opportunities within the BSDH program.
4. Experiential Learning - Expand experiential learning experiences in the community and the state.
5. Graduate Education - Participate with other College of Health units to provide graduate education for BSDH program graduates.
6. Utilize dental hygiene therapeutics based on a synthesis of critical thinking strategies and a theoretical knowledge base in dental hygiene to provide competent professional care and maximize healthy outcomes.

7. Demonstrate commitment to ongoing professional development as a life-long learner.
8. Apply selected theoretical frameworks to dental hygiene practice in diverse settings.

ACCREDITATION

The BSDH program has approval of the Georgia Board of Dentistry and is accredited by the Commission on Dental Accreditation (CODA). Information about approval and/or accreditation may be obtained from the following:

Georgia Board of Dentistry
237 Coliseum Drive
Macon, Georgia 31217-3858
http://sos.georgia.gov/plb/dentistry/
478-207-2440

Commission on Dental Accreditation
American Dental Association
211 East Chicago Avenue
Chicago, Illinois 60611
www.ada.org
312-440-4653

Bachelor of Science in Dental Hygiene

BASIC LICENSURE TRACK

Admission

The basic licensure BSDH track is available to recent high school graduates, non-traditional students, current Clayton State students, and transfer students who meet University admission requirements.

The BSDH program expands the clinically based outcomes, characteristic of associate level training, into a more broad-based foundation for future career growth. Graduates are qualified to seek employment as clinicians, office managers, public health hygienists, researchers, and marketers and have the opportunity to pursue graduate studies.

Dental Hygiene application is separate from University application and admission. Admission is competitive and space is limited. Students are admitted each fall semester into a full-time four semester program.

Minimum admission requirements include (details on the Department of Dental Hygiene website):

1. College grade point average (GPA) of 2.50 on 4.00 scale.
2. Completion of 45 semester hours of BSDH core curriculum with grades of C (or K or S) or better in all natural and behavioral science, math and Area F courses at the time of application and 60 semesters hours at the time of enrollment in dental hygiene program.
3. Successful completion of the legislative requirements.
4. Satisfactory completion of dental office observation, admission interview and writing assessment.
5. Satisfactory evidence of overall health status including eye-exam consistent with the performance standards for dental hygiene.
6. Eligible for clearance on criminal background check and drug screening.
7. Students participating in Clayton State University's Honors Program are guaranteed admission if they meet all program admission standards.

8. Applicants who have attended another dental hygiene program are required to disclose on t heir application and submit a letter of good standing from the program administrator. A pplicants who have been dismissed from another dental hygiene program are ineligible for admission to the Clayton State program. Applicants who have been suspended from another program due to academic or clinical performance will be considered on a case-by-case basis.

Curriculum

Core (Areas A - E).....**42 hours**
- Area A2 – MATH1101 or MATH1111 recommended
- Area D1 – CHEM1151-1151L-1152-1152L recommended
- Area D2 – MATH1231 recommended
- Area E4 – PSYC1101 and SOCI1101 recommended

Core (Area F) .....**18 hours**
BIOL 1151 Human Anatomy and Physiology I ..... 3 hours
BIOL 1151L Human Anatomy and Physiology I - Lab..... 1 hour
BIOL 1152 Human Anatomy and Physiology II ..... 3 hours
BIOL 1152L Human Anatomy and Physiology II - Lab..... 1 hour
BIOL 2250 Microbiology..... 3 hours
BIOL 2250L Microbiology - Lab..... 1 hour
HSCI 2111 Introduction to the Health Care Environment..... 2 hours
HSCI 2111L Introduction to the Health Care Environment - Lab ..... 1 hour
*SOCI1101, PSYC1101, CHEM1151-1151L and MATH1231,
required (if not applied in Core A-E) or lower division elective ..... 3 hours

Major Requirements .....**54 hours**
HLTH 3110 Interactive Communication ..... 3 hours
HLTH 4330 Nutrition..... 3 hours
DHYG 3100 Introduction to the Dental Hygiene Profession ..... 3 hours
DHYG 3100C Introduction to Clinical Dental Hygiene ..... 2 hours
DHYG 3110L Dental Anatomy Laboratory ..... 1 hour
DHYG 3120 Dental Radiology..... 2 hours
DHYG 3120L Dental Radiology Laboratory..... 1 hour
DHYG 3200 Transitional Dental Hygiene..... 2 hours
DHYG 3200C Transitional Clinical Dental Hygiene ..... 3 hours
DHYG 3210 Integrative Dental Anatomy and Histology ..... 2 hours
DHYG 3230 Dental Materials ..... 2 hours
DHYG 3230L Dental Materials Laboratory..... 1 hour
DHYG 3240 Introduction to Periodontics ..... 2 hours
DHYG 3382 Clinical Pharmacology..... 2 hours
DHYG 3382L Seminar in Dental Hygiene Pharmacology..... 1 hour
DHYG 4300 Advanced Dental Hygiene I ..... 2 hours
DHYG 4300C Advanced Clinical Dental Hygiene I ..... 4 hours
DHYG 4310 Dental Pathology..... 3 hours
DHYG 4320 Advanced Periodontics..... 3 hours
DHYG 4400 Advanced Dental Hygiene II ..... 2 hours
DHYG 4400C Advanced Clinical Dental Hygiene II..... 4 hours
DHYG 4410 Community Dental Health..... 3 hours
DHYG 4420 Management/Marketing in Dental Environment ..... 3 hours

Electives .....**6 hours**

**Any two upper division courses except PHED or courses identified in the catalog as career or institutional credit courses. Recommended courses include DHYG 3300, 3000 or 4000 level HLTH, HSCI, HCMG, HFMG or appropriate upper division statistics course.

*NOTE: ADA Accreditation Standards requirements for chemistry, psychology and sociology must be completed prior to program admission.

**NOTE: Statistics course required for degree; must be satisfied prior to program admission; may be satisfied at lower or upper division level.

Academic Standards

Dental Hygiene students must maintain a semester grade point average (GPA) of 2.50 to progress in the program. A minimum grade of "C" is required in all upper division and major courses. Students who receive a "D", "F", "WF", or "U" in any dental hygiene course may repeat that course one time only on a space available basis. Students who receive any two of the following: "D", "F", "WF", or "U" in any two dental hygiene courses may not continue in the program. Reference BSDH Student Handbook for details.

RDH-BSDH Completion Track

Admission

The RDH-BSDH track is available for registered dental hygienists who are graduates of associate degree dental hygiene programs. Graduates are prepared for advanced practice, supervisory, administrative, managerial and marketing positions in the dental field. In addition to the clinical role, graduates may also work as educators and researchers.

Dental Hygiene application is separate from University application and admission. The program is 100% online and can be completed on a full-time or part-time basis.

Minimum admission requirements include (details on the Department of Dental Hygiene website):

1. Unrestricted current dental hygiene licensure in the United States or eligibility for licensure
2. College grade point average (GPA) of 2.50 on 4.00 scale.
3. Completion of 45 semester hours of BSDH core curriculum with grades of C (or K or S) or better in all natural and behavioral science, math and Area F courses at the time of application and 60 semesters hours at the time of enrollment in dental hygiene program.
4. Successful completion of the legislative requirements.
5. Successful completion of transition course DHYG3101-Professional Issues in Dental Hygiene.
6. Eligible for clearance on criminal background check and drug screening.

Curriculum

Core (Areas A - E).....**42 hours**

- Area A2 – MATH1101 or MATH1111 recommended
- Area D1 – CHEM1151-1151L-1152-1152L recommended
- Area D2 – MATH1231 recommended

Core (Area F) .....**18 hours**

- Appropriate 1000/2000 level coursework (not applied in Core A-E)

Career Block ..... **30 hours**
Upon successful completion of DHYG 3101, RDHs will receive up to 30 semester hours of block credit.

Major Requirements ..... **21 hours**
DHYG 3101 Professional Development in Dental Hygiene ..... 4 hours
DHYG 4200 Research for Evidence-Based Practice ..... 3 hours
DHYG 4301 Educational Strategies and Internship ..... 3 hours
DHYG 4500 Contemporary Community Roles ..... 2 hours
DHYG 4900 Independent Study in Dental Hygiene ..... 3 hours
HLTH 3110 Interactive Communication ..... 3 hours
HLTH 3420 Health Education ..... 3 hours

Electives ..... **9 hours**
*Any three upper division courses except PHED or courses identified in the catalog as career or institutional credit courses. Recommended courses include DHYG 3300, DHYG 4320, DHYG4420, 3000 or 4000 level HLTH, HCMG, HFMG, HSCI or appropriate upper division statistics course.

*NOTE: Statistics course required for degree; must be satisfied prior to program admission; may be satisfied at lower or upper division level.

Academic Standards

Dental Hygiene students must maintain a semester grade point average (GPA) of 2.00 (“C”) to progress in the program. A minimum grade of “C” is required in all upper division and major courses. Students who receive a "D", "F", "WF", or "U" in any dental hygiene course may repeat that course one time only on a space available basis. Students who receive any two of the following: "D", "F", "WF", or "U" in any two dental hygiene courses may not continue in the program. Reference BSDH Student Handbook for details.

Double Bachelor Degrees in Dental Hygiene and Health Care Management

Students who wish to enhance their employability by being qualified as both dental hygienists and health care managers may wish to pursue the dual degree option. Students may declare this double major upon acceptance and enrollment in the BSDH program. Students must meet the following requirements:

1. Complete all requirements for the BSDH.
2. Complete the following courses from Health Care Management Area F program prerequisites:
   a. ACCT 2101 Principles of Financial Accounting
   b. ECON 2105 Principles of Macroeconomics
   c. HSCI 2111/2111L Intro to Health Care Environment
   d. ITFN 1101 Foundations of Information Systems
3. Complete the following courses from Health Care Management program requirements:
   a. HCMG 3101 Introduction to Health Systems Management
   b. HCMG 3401 Applied HR Management for Health Care Delivery
   c. HCMG 3501 Health Care Systems TQM
   d. HCMG 3901 Marketing in Health Care
   e. HCMG 4560 Health Care Finance
   f. HSCI 3520 Legal Issues in Health Care

g. HCMG 4500 Health Care Policy or HCMG 4901 Applied Research

Grade of C or better required in all courses. Other appropriate courses may be determined by the Dean in order to equal a minimum of 30 hours of Health Care Management requirements taken in residency at Clayton State and not used to meet BSDH requirements.

Health Care Management

ADMINISTRATIVE OFFICERS
Peter G. Fitzpatrick, *Department Chair*
Thomas F. McIlwain, *MHA Program Director*

FACULTY

Marcia K. Butler
Michael E. Dalmat
Peter G. Fitzpatrick
Ronald M. Fuqua
Deborah M. Gritzmacher
Thomas McIlwain
Meri Stegall
M. Scott Stegall
Kendolyn Smith
Jocelyn L. Steward
Latrina Walden

MISSION AND GOALS

The mission of the Health Care Management is to prepare students, especially non-traditional minority students for entry and mid-level management positions in a variety of health service organizations. This mission of the Program is consistent with the University's mission of meeting the needs of the community. The community is typically identified as the Southern Crescent area that consists of South Fulton, South DeKalb, Clayton, Fayette and H enry Counties. These counties serve the general area of South Atlanta and the contiguous localities. Located within the Southern Crescent are a great number and variety of health care delivery systems that are growing and expanding as the population of this part of Georgia keeps increasing. The need to educate and provide managers for these institutions also is increasing and, thus serves as impetus for us to complete our mission.

Health Care Management offers one baccalaureate degree program:

- Bachelor of Science Degree with a major in Health Care Management with a curriculum that prepares students for a variety of entry and mid-level management positions in health services organizations.
- In addition, Health Care Management collaborates with the Departments of Nursing and Dental Hygiene in offering double major degree programs in Health Care Management and Nursing and Dental Hygiene respectively. These programs provide the curricula for students who wish to enhance their employability by being qualified as both nurses or dental hygienists and health care managers.

HONOR SOCIETY

The Upsilon Phi Delta (UPD) is a na tional honor society for students pursuing a career in health care management. T he society's mission is to encourage, support, and recognize students for professional development, high academic achievement, and excellence in the field of health administration.

ACCREDITATION

The undergraduate program in Health Care Management is certified by The Association of University Program in Health Administration (AUPHA). Information regarding certification may be obtained from the following:

Association of University Programs in Health Administration
2000 14th Street North
Suite 780
Arlington, VA 22201
Web: www.**aupha**.org/

Bachelor of Science in Health Care Management

The Health Care Management program prepares students for a variety of entry and mid-level management positions in health services organizations, such as benefits offices, insurance companies, home health agencies, PPOs, HMOs, doctors' offices, group practices, hospices, hospitals, nursing homes, extended care facilities, ambulatory care centers, governmental health agencies, and other health care delivery organizations.

ADMISSION AND READMISSION REQUIREMENTS

Students intending to enroll in the Health Care Management program must meet all University admission and academic requirements. The following additional requirements also apply and must be met prior to enrollment in any business or health sciences courses numbered 3000 or above:

1. **Completion of Program Application Form.** Students must declare a Health Care Management major and complete a program application form. The application for program admission must be completed prior to enrollment in upper division program requirements. A minimum 2.00 institutional GPA is required prior to enrollment in any 3000-level course.
2. **Completion of Lower Division Requirements.**
   a. Students may be admitted to the Health Care Management program and allowed to take selected 3000-level courses upon completion of at least 45 semester credit hours applicable to Areas A-F, including ENGL 1101, ENGL 1102, MATH 1101 or higher, ACCT 2101, and ECON 2105. (The selected courses are HSCI 3110 and HLTH 3420.)
   b. Health Care Management students must complete all Area A-F requirements (with no grade lower than *C* in Area F) prior to enrollment in any 3000-level Health Sciences or Business courses other than those listed above.

A suspended student may apply for readmission to the Health Care Management Program immediately following his or her first semester of suspension. For a subsequent suspension, a student may apply for readmission following three semesters of suspension.

Suspended students seeking readmission must submit an Application for Readmission to the appropriate program. The department head will review the application and make a recommendation to the Dean, who will make the final decision. Positive recommendations for readmission must be based on clear and convincing evidence regarding the student's prospects for academic success following the period of suspension.

SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS

Program-specific regulations for the Health Care Management program are as follows: Students must achieve a grade of *C* or better in all upper division course work including required courses and program electives. Students must repeat any required course in which a grade of *C* or better is not achieved. Any student who fails to meet this performance level will be placed on program

probation. A student must earn a grade of *C* or better in all courses while on program probation. Failure to achieve this performance level will result in suspension from the program. Readmission following suspension must be approved by the Dean of the College of Health.

BACHELOR OF SCIENCE IN HEALTH CARE MANAGEMENT DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**
All Health Care Management Core Curriculum requirements are shown in the suggested degree program.

Lower Division Core Requirements (Core Curriculum Area F).....**18 hours**
- ACCT 2101 Principles of Financial Accounting ..... 3 hours
- ACCT 2102 Principles of Managerial Accounting or ECON 2106 Principles of Microeconomics..... 3 hours
- ECON 2105 Principles of Macroeconomics I..... 3 hours
- HSCI 2111 Introduction to the Health Care Environment ..... 2 hours
- HSCI 2111L Health Care Environment - Lab..... 1 hour
- ITFN 1101 Foundations of Information Technology ..... 3 hours
- HSCI 2201 Measurement Sciences or MATH 1231 Introduction to Statistics ..... 3 hours

Upper Division Major Requirements .....**39 hours**
- HSCI 3110 Interactive Communication ..... 3 hours
- HCMG 3101 Introduction to Health Systems Management ..... 3 hours
- HCMG 3320 Healthcare Economics ..... 3 hours
- HCMG 3340 Healthcare Information Technology ..... 3 hours
- HCMG 3401 Applied Human Resource Management in Health Care Delivery..... 3 hours
- HCMG 3501 Health Care Systems TQM..... 3 hours
- HCMG 3701 Introduction to Epidemiology ..... 3 hours
- HCMG 3901 Marketing in Healthcare.....3 hours
- HCMG 4110 Administration of Managed Care ..... 3 hours
- HCMG 4401 Introduction to Primary/Long Term Care ..... 3 hours
- HCMG 4560 Health Care Finance ..... 3 hours
- HSCI 3520 Legal Issues in Health Care..... 3 hours
- HSCI 3550 Ethical Issues in Health Care ..... 3 hours

Upper Division Specialty Courses .....**9 hours**
- HCMG 3601 Introduction to Mental Health/Case Management ..... 3 hours
- HCMG 3801 Future Trends in Health Care ..... 3 hours
- HCMG 4180 Health in Corporate Setting ..... 3 hours
- HCMG 4201 Healthcare Consulting..... 3 hours
- HCMG 4220 International Healthcare ..... 3 hours
- HCMG 4310 Public Health Administration..... 3 hours
- HCMG 4565 Financial Management of Primary/Long-term Care ..... 3 hours
- HLTH 3012 Alternative and Complementary Approaches to Wellness: Therapies for Healthy Lifestyle..... 3 hours
- HLTH 3320 Communications with Families..... 3 hours
- HLTH 3341 Cultural Diversity..... 3 hours
- HLTH 3401 Contemporary Women's Health ..... 3 hours
- HLTH 3420 Health Education..... 3 hours
- HLTH 3501 The AIDS Epidemic ..... 3 hours

HLTH 4153 Gerontology ..... 3 hours
MGMT 4311 Entrepreneurship ..... 3 hours
MKTG 4207 Professional Selling ..... 3 hours

Internship or Clinical Requirements ..... **12 hours**
HCMG 4500 Health Care Policy ..... 3 hours
HCMG 4901 Applied Research ..... 3 hours
HCMG 4970 Health Care Management Internship/Practicum ..... 3 hours
HCMG 4999 Capstone in Health Care Management ..... 3 hours

Total Degree Requirements ..... **120 hours**

Other Program-Specific Graduation Requirements

1. Grades of *D* will not count toward graduation for Area F or for any upper division requirements.
2. In order to receive the B.S. degree, a student must complete a minimum of 30 hours in residency at Clayton State. Of these, at least 24 hours must be upper division courses within the program, including the 12 -hour Research-Policy-Internship/Practicum-Capstone sequence, HCMG 4901-4500-4970-4999.
3. All courses in the Health Care Management core must be completed prior to enrollment in the Research-Policy-Internship/Practicum sequence, HCMG 4901-4500-4970.
4. Students must have a 2.00 institutional GPA to enroll in HCMG 4970. No exceptions are permitted.
5. Students must have declared major in Health Care Management to enroll in HCMG 4970. No exceptions permitted.
6. Students are required to assemble an ac ceptable professional portfolio based on the program outcomes. This document will be submitted during the last semester of the student's program of study. Students who are double majors (B.S.N./H.C.M.G. or B.S.D.H/H.C.M.G.) need to contact the Health Care Management faculty for instructions pertaining to their requirements.

BACHELOR OF SCIENCE IN HEALTH CARE MANAGEMENT SUGGESTED DEGREE PROGRAM SEQUENCE FOR FULL-TIME STUDENTS

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
Area A1	ENGL 1101	3	Area A1	ENGL 1102	3
Area A2	MATH 1101, 1111, 1112A, 1113, 1241, or 1501	3	Area D2	MATH 1112, 1113, 1221, 1231, 1241, 1501, 2502, CSCI 1301, SCI 1901	3
Area B2	COMM 1001 AND 1002, COMM 1110, or FREN 1002, or SPAN 1002	2-3	Area B1	CRIT 1101	3
Area D1	ASTR 1010, BIOL 1111, 1107, CHEM 1151, 1211, PHYS 1111, or 2211	3	Area D1	ASTR 1020, BIOL 1112, 1108, CHEM 1152, 1212, PHYS 1112,or 2212	3
Area D1 Lab	BIOL 1111L, 1107L, CHEM 1151L, 1211L, PHYS 1111L, 2211L	1	Area D1 (optional)	ASTR 1020L, BIOL 1112L, 1108L, CHEM 1152L, 1212L, or PHYS 1112L	1
CSU 1022	University Foundations	2	Area E1	POLS 1101	3
Total		***14-15***	***Total***		***16***

SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
Area F	ACCT 2101	3	Area F	ACCT 2102 (or ECON 2106)	3
Area F	ECON 2105	3	Area F	HSCI 2111	2
Area F	ITFN 1101	3	Area F	HSC 2111L	1
Area E3	HIST 2111 or 2112	3	Area E2	HIST 1111 or 1112 or 2750	3
Area C1	ENGL 2111, 2112, 2121, 2122, 2131, 2132, PHIL 2010, 2030, SPAN 2001, 2002, FREN 2001 or 2002	3	Area C2	ART 2301, 2302, CMS 2100, MUSC 2101, 2301, PHIL 2040, THEA 1100, SPAN 21101, 2002, FREN 2001 or 2002	3
Area E4	PSYC 1101, or SOC 1101 or WST 2010 or AFAM 2010	3	Area F	HSCI 2201 or MATH 1231	3
Total		***18***	***Total***		***15***

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
HSCI 3110	Interactive Communication	3	HCMG 3340	Healthcare Information Technology	3
HCMG 3101	Intro to Health Systems Management	3	HCMG 3501	Health Care Systems TQM	3
HCMG 3401	Applied HR Management in Health Care Delivery	3	HCMG 4110	Administration of Managed Care	3
HCMG 3320	Healthcare Economics	3	HCMG 4560	Health Care Finance	3
HCMG 4401	Intro to Primary/Long-Term Care	3	HCMG 3701	Intro to Epidemiology	3
Total		***15***	***Total***		***15***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
HCMG 3901	Marketing in Healthcare	3	HCMG 4970	Internship/Practicum	3
HCMG 4500	Health Care Policy	3	HCMG 4999	Capstone	3
HCMG 4901	Applied Research	3	HSCI 3550	Ethical Issues in Health Care	3
HSCI 3520	Legal Issues in Health Care	3	Upper Division Elective	HCMG 3601, 3801, 4180, 4201, 4220, 4310, 4565, HLTH 3012, 3320, 3341, 3401, 3420, 3501, 4153, MGMT 4311, or MKTG 4207	3
Upper Division Elective	HCMG 3601, 3801, 4180, 4201, 4220, 4310, 4565, HLTH 3012, 3320, 3341, 3401, 3420, 3501, 4153, MGMT 4311, or MKTG 4207	3	Upper Division Elective	HCMG 3601, 3801, 4180, 4201, 4220, 4310, 4565, HLTH 3012, 3320, 3341, 3401, 3420, 3501, 4153, MGMT 4311, or MKTG 4207	3
Total		***15***	***Total***		***15***

Health & Fitness Management Program

ADMINISTRATIVE OFFICER

Melanie Poudevigne, *Health and Fitness Management*

FACULTY
Chris Pitsikoulis
Melanie Poudevigne

Bachelor of Science in Health and Fitness Management

The Health and Fitness Management major provides students with a solid foundation concerning the management and clinical sides of preventative health care. Students will be prepared for entry and mid-level management positions in organizations providing health and fitness services, such as within Commercial Fitness Centers, YMCA, Corporate Fitness/Wellness Centers, University Wellness/Adult Fitness Centers, Hospitals/Clinicals with specialties in Cardiac and/or Pulmonary Rehabilitation, Municipal/City Recreation/Family Centers, Activity Centers for Older Adults, Community Centers and Worksite Health Promotion Programs. Graduates may also pursue employment as salespersons, administrators, and managers of all types of fitness/wellness facilities. Additional opportunities exist for those who aspire to become entrepreneurs in the field and pursue health and fitness coaching/consulting.

The main objectives of the proposed degree program are to:

- provide content/discipline foundation for careers in health and fitness management within corporate wellness centers, hospital-based fitness facilities, traditional health clubs, resorts, and others;
- enhance students' abilities to acquire and synthesize health and fitness information in a critical, scientific, and effective manner through detailed, intensive analysis and evaluation of texts and other research materials;
- provide students with relevant strategies of health promotion, illness/injury prevention, and illness/injury rehabilitation to maximize healthy outcomes of individuals, families and communities in a multicultural society;
- develop students' critical thinking and research skills to levels of excellence expected of bachelor's prepared health and fitness professionals;
- prepare students for national certification exams in the field of health and fitness; and
- enhance the preparation of students for graduate study (exercise physiology, exercise science, management, business administration, gerontology and other related fields).

The Health and Fitness Management major will include foundation courses such as anatomy and physiology I and II, survey of health and fitness professions, first aid and CPR, and introduction to management. This major will also provide students with a solid base in business and management principles by requiring courses in accounting, economics, marketing, finance, legal, ethical issues in health care, and applied human resource management. The program features courses specific to the health and fitness arena including, kinesiology,

exercise physiology, sports psychology, personal health and wellness, prevention, care and rehabilitation of injuries, personal nutrition, principles of fitness across populations, substance use in fitness, exercise testing and prescription. Finally, the program will involve capstone courses to ensure the students are able to synthesize all of their undergraduate coursework into meaningful application of their acquired knowledge, skills, and abilities. These courses include health and fitness management, a capstone course, and an internship.

Curriculum Overview

Freshman-Sophomore Years

Areas A - E: General Education Core Curriculum .....42 hours
Area F: Major-related Core Curriculum (USG guidelines).....18 hours

Junior-Senior Years

I. Program Core Requirements ..... 30 hours
II: Upper Division Requirements ..... 21 hours
III: Program Capstone Requirements..... 9 hours

Total Degree Requirements.....**120 hours**

Freshman - Sophomore Years

Areas A - E: General Education Core Curriculum (42 hours)

The Health and Fitness Management major will utilize the standard general education Core Curriculum for students.

Lower Division Program Core .....**18 hours**
ACCT 2101 Principles of Financial Accounting ..... 3 hours
BIOL 1151/L Human Anatomy and Physiology I..... 4 hours
BIOL 1152/L Human Anatomy and Physiology II..... 4 hours
ECON 2105 Principles of Macroeconomics ..... 3 hours
HFMG 1101 Survey of Health and Fitness Professions ..... 1 hour
HFMG 2110 First Aid and CPR ..... 3 hours

No grades of D in upper-division courses are allowed in the Health and Fitness Management major. Upper-division courses are all courses other than those of Areas A through F of the core curriculum. 1000- or 2000-level courses used in the upper division are included in this restriction.

Program Core Requirements.....**30 hours**
MGMT 3101 ..... 3 hours

Choose one elective from:
MGMT 3520 Negotiation & Conflict Management ..... 3 hours
MGMT 4102 Organizational Behavior ..... 3 hours

HFMG 3101 Kinesiology ..... 3 hours
HFMG 3102 Exercise Physiology ..... 3 hours
HFMG 3110 Personal Health and Wellness..... 3 hours
HFMG 3121 Injury Prevention & Rehabilitation ..... 3 hours
HFMG 3130 Principles of Fitness across Populations ..... 3 hours
HFMG 3140 Exercise Testing and Prescription..... 3 hours

HSCI 3520 Legal Issues in Health Care..... 3 hours
MGMT 4101 Human Resources Management..... 3 hours

Upper Division Requirements .....**21 hours**
MKTG 3101 Principles of Marketing..... 3 hours
FINA 3100 Personal Financial Management..... 3 hours
HLTH 3341 Cultural Diversity in Health and Illness..... 3 hours
HFMG 3382 Substance Use in Health & Fitness..... 3 hours
HSCI 3550 Ethical Issues in Health Care..... 3 hours
HFMG 4060 Personal Nutrition for Health..... 3 hours

Choose one elective from the following:..... 3 hours
HFMG 4800 Selected Topics in Health & Fitness..... 3 hours
HFMG 4400 Exercise & Sport Psychology..... 3 hours
MGMT 4311 Entrepreneurship..... 3 hours
HFMG 3970 Practicum in Health & Fitness..... 3 hours

Program Capstones.....9 hours
HFMG 4110 Health and Fitness Management..... 3 hours
HFMG 4970 Internship..... 3 hours
HFMG 4999 Capstone Course..... 3 hours

Sample Program of Study

FRESHMAN YEAR = 31 hours					
Fall Semester			***Spring Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101	English Composition (C or higher)	3	ENGL 1102	English Composition II	3
Area A2	MATH 1101, 1111, 1112A, 1113, 1241 or 1501	3	Area D 2	MATH 1112, 1231, 1241, 1113, 1501, 2502; CSCI 1301; SCI 1901,	3
Area B2	COMM 1110, COMM 100 and 1002; SPAN 1002,or, FREN 1002	2 to 3	HFMG 1101	Survey of Health & Fitness Professions	1
POLS 1101	American Government	3	CRIT 1101	Critical Thinking Across the Curriculum	3
Area D1	BIOL 1107, 1111, CHEM 1151, PHYS 1111, or 2111 or SCI 1111	3	Area E3	HIST 2111 or 2112	3
Area D1	BIOL 1107L, 1111L, CHEM 1151L, PHYS 1111L, or 2111L or SCI 1111L	1	Area D1	BIOL 1108, 1112, CHEM 1152, PHYS 1112, or 2212 or SCI 1112	3
			Area D1	BIOL 1108L, CHEM 1152L, PHYS1112L, SCI 1112L	1
Total		***15 or 16***	***Total***		***17***
SOPHOMORE YEAR = 32 hours					
Fall Semester			***Spring Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
Area C1	ENGL 2111, 2112, 2131, 2132, 2121, 2030, 2122, PHIL 2010, 2601 or Foreign Language 2001 or 2002	3	Area C2	ART 2301, 2302, THEA 1100, MUSC 2301, 2101, PHIL 2040, CMS 2100, or Foreign Language 2001 or 2002	3

Area F	BIOL 1151 Anatomy & Physiology I	3	Area E2	HIST 1111/1112/2750	3
Area F	BIOL 1151L Anatomy & Physiology I Lab	1	Area F	BIOL 1152 Anatomy & Physiology II	3
ACCT 2101	Principles of Financial Accounting	3	Area F	BIOL 1152L Anatomy & Physiology II Lab	1
HFMG 2110	First Aid & CPR	3	ECON 2105	Principles of Macroeconomics	3
Area E4	PSYC 1101 or SOCI 1101 or WST 2010, or AFAM 2010	3	MGMT 3101	Mgmt. Princ. & Org. Behavior	3
Total		***16***	***Total***		***16***
JUNIOR YEAR = 33 hours					
Fall Semester			***Spring Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
HFMG 3101	Kinesiology	3	HFMG 3102	Exercise Physiology	3
HFMG 3110	Personal Health & Wellness	3	HFMG 3121	Injury Prevention & Rehab	3
Elective	MGMT 3520 OR MGMT 4102	3	HFMG 4060	Personal Nutrition for Health	3
MKTG 3101	Principles of Marketing	3	HSCI 3520	Legal Issues in Health Care	3
HLTH 3341	Cultural Diversity in Health & Illness	3	HSCI 3550	Ethical Issues in Health Care	3
			FINA 3100	Personal Financial Management	3
Total		***15***	***Total***		***18***
SENIOR YEAR = 24 hours					
Fall Semester			***Spring Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
Elective	HFMG 4800;, HFMG 4400, HFMG 3970, or MGMT 4311.	3	HFMG 3382	Substance Use in Health & Fitness	3
HFMG 3130	Principles of Fitness (across populations)	3	HFMG 4999	Health & Fitness Management Capstone	3
HFMG 3140	Exercise Testing & Prescription	3	HFMG 4970	Health & Fitness Internship/Practicum	3
HFMG 4110	Health & Fitness Management	3	MGMT 4101	Human Resources Management	3
Total		***12***	***Total***		***12***

Minor in Health & Fitness Management

The Health & Fitness Management minor integrates science, exercise science and fitness management approaches to analyze themes in epidemiology, exercise physiology, natural sciences and the fitness industry. The Health & Fitness Management minor further emphasizes the interdisciplinary study of the mind and body. The courses emphasize the introduction to exercise science with an emphasis on pub lic health, or exercise physiology, or the fitness industry/management. The Health & Fitness Management Minor offers information and tools for future health professionals who have an interest in or responsibility for increasing physical activity participation. It provides key reference documents, data and surveillance resources, information to assist the Clayton State students with program planning and evaluation, and ideas for

physical activity promotion as well as enhancing creativity for entrepreneurs in the fitness industry. By considering a variety of health issues from different perspectives, it encourages critical reading, writing and thinking. Students develop their skills in oral and written expression.

Minor Requirements

Lower Division Program Core Requirements .....**7 hours**
BIOL 1151 Human Anatomy & Physiology..... 3 hours
BIOL 1151L Human Anatomy & Physiology I Lab ..... 1 hour
HFMG 2110 First Aid & CPR..... 3 hours

Upper Division Program Requirements .....**9 hours**
(Nine upper division credit hours required, courses that were used to satisfy the Health Management Program requirements may not be used.)
HFMG 3101 Kinesiology ..... 3 hours
HFMG 3130 Principles of Fitness ..... 3 hours
Select one course from the tracks below ..... 3 hours
Exercise Science Track:
HFMG 3102 Physiology of Exercise ..... 3 hours
Public Health Track:
HFMG 3110 Personal Health & Wellness ..... 3 hours
Fitness Management Track:
HFMG 4110 Health & Fitness Management..... 3 hours

Total Health & Fitness Minor Requirements .....**16 hours**

COLLEGE OF INFORMATION AND MATHEMATICAL SCIENCES

ADMINISTRATIVE OFFICERS

Lila F. Roberts, *Dean*
Richard Pearce-Moses, *Archival Studies*
Jarrett L. Terry, *Assistant Dean for Undergraduate Advisement and Student Services*

VISION STATEMENT

The College of Information and Mathematical Sciences (CIMS) aspires to create a community of innovative thinkers who can facilitate the adaptation to rapidly changing conditions of our global society. From our strategic location in the Southern Crescent of metropolitan Atlanta, CIMS will become a significant entity in the state in the preparation of diverse and highly qualified professionals in the mathematical, computer and information sciences and in mathematics education.

MISSION AND GOALS

The mission of the College of Information and Mathematical Sciences (CIMS) is to provide a strong foundation in the core areas of Mathematics, Computer, and Information Sciences to meet the growing global need for professionals in these disciplines.

CIMS supports Clayton State University's strategic planning themes by

1. positioning the college as an academic unit that prepares its students to achieve in a rapidly changing technological society;
2. providing educational opportunities and student-centered approaches to teaching and learning that support student success in the programs of study and undergraduate research for our majors, the quantitative areas within the general education courses, and service courses for other degree programs across campus;
3. continually improving and expanding the college's academic programs to integrate research-based best practices in teaching and learning in mathematics and computing disciplines and to attract more students to CSU to study in these fields;
4. seeking external funding sources to support the college's programs in teaching, research, and improvement of our technology infrastructure;
5. building and nurturing a sense of community among the college's faculty and students;
6. engaging in active outreach efforts with community partners in education and industry.

Code of Ethics*

This Code of Ethics represents the College of Information & Mathematical Sciences' commitment to promoting and practicing the highest professional and ethical standards:

Integrity: We value and practice responsible, accountable, ethical behavior in an atmosphere of honest, open, and respectful communication.
Innovation: We value and practice creative risk-taking and enthusiastic pursuit of new ideas.
Continuous Improvement: We value and practice continuous improvement of our instruction, advisement, research, academic programs, services, and

processes through academic achievement, professional development, and assessment.

Unity of Purpose: We dedicate ourselves to integrating diversity among us by harnessing the wealth of ideas, cultures, and viewpoints toward a common goal.

* Adapted from ACM Code of Ethics and Professional Conduct and the Code of Ethics for Midstate College (http://www.midstate.edu).

INSTRUCTIONAL ORGANIZATION

The College of Information and M athematical Sciences is composed of several academic programs and offers the degrees listed below:

- Master of Arts in Teaching Mathematics
- Master of Archival Studies
- Bachelor of Science in Computer Science
- Bachelor of Science in Mathematics
- Bachelor of Information Technology
- Online Bachelor of Science in Information Technology (WebBSIT)
- Dual-degree Engineering Program with the Georgia Institute of Technology
- Associate of Applied Science in Information Technology
- Associate of Applied Science in Computer Networking
- Certificate in Computer Networking
- Minors in Mathematics, Computer Science and Information Technology

The College offers a minor Information Technology with tracks to support business and science. In addition, it offers a minor in Computer Science and Mathematics as well as supporting courses for Teacher Education, Information Technology, and the general core.

Computer Science & Information Technology

DEPARTMENT CHAIR

Byron A. Jeff, *Department Chair*

FACULTY

Shakil Akhtar, *Computer Science & Information Technology*
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MISSION AND GOALS

The Computer Science & Information Technology program offers the following degrees:

- Bachelor of Science in Computer Science (BSCS)
- Bachelor of Information Technology (BIT)
- Online Bachelor of Science in Information Technology (through the Georgia WebBSIT Consortium)
- Dual-degree Engineering program in Computer Science with the Georgia Institute of Technology
- Associate of Applied Science in Information Technology (AASIT)
- Minor in Information Technology
- Minor in Computer Science
- Certificate in Computer Networking Technician (CNET)

The objective of the Information Technology curriculum is to prepare students to enter the rapidly expanding job market and to contribute to the intellectual body of knowledge. Based on experience and personal expectations, graduating students are expected to comfortably enter employment or attend graduate school after completing the program.

The curriculum is designed to enable all graduates to meet the following learning outcomes. The level at which these outcomes are met (developing, mature, proficient) are listed with the appropriate curricula later in this section. Graduates of the BIT will be able to:

1. Use and apply current IT discipline-related concepts and practices.
2. Identify and ana lyze problems or opportunities in the IT realm and define requirements for addressing them when an IT solution is appropriate.
3. Design and develop effective IT-based solutions and integrate them into the user environment.
4. Create and implement effective project plans.
5. Identify and investigate current and emerging technologies and assess their applicability to address individual and organizational needs.
6. Analyze the impact of technology on individuals, organizations, and society.

7. Collaborate in teams to accomplish common goals.
8. Communicate effectively and efficiently.
9. Recognize the qualities necessary to succeed in a professional environment

The BS in Computer Science curriculum is designed to prepare students for research, either by attending graduate school or entering industry. After successfully completing the program, a graduate will:

1. Be able to solve complex and significant problems with professional skill by formulating efficient and effective algorithmic solutions to a wide variety of sophisticated problems normally encountered in computing and in academe.
2. Be able to express algorithms clearly and correctly in a variety of programming languages.
3. Be able to demonstrate foundational knowledge of the following subject areas of computer science: operating systems, databases, networks, graphics, software engineering, game design and implementation, and web technologies.
4. Have an understanding of ethical responsibilities related to the areas of computing and the workplace.
5. Have mastery of the theoretical underpinnings of Computer Science.
6. Apply computer science knowledge to either post-baccalaureate study or a career field.

HONOR SOCIETIES AND CLUBS

The honor societies, clubs, and service organizations designed to support, augment, and supplement the educational and professional development of students are the ACM Student Chapter, IEEE and ACM Student Memberships and WiSTEM.

ADMISSION AND READMISSION REQUIREMENTS

There are no formal admission procedures for entry into the Certificate of Computer Networking or AASIT or BIT. However, each of the following courses must be passed with a grade of *C* or better and all are prerequisite to the remaining courses listed as Required Foundations Courses: ENGL 1101, MATH 1101, CRIT 1101, and ITFN 1101.

Students who choose to enter into the BSCS program must be prepared to take either pre-calculus or calculus I their first semester.

Students must be admitted as pre-Georgia WebBSIT students before taking any courses in the BSIT Area F other than Introduction to Information Technology or The Enterprise and IT. For pre-Georgia WebBSIT admission, students must complete and earn a C or better in the following courses: ENGL 1101, an Area A mathematics course other than Introductory Statistics, and Introduction to Information Technology.

In order to be considered for admission to the College of Engineering at Georgia Tech as a dual degree transfer student, students must complete the prescribed program of study at the participating institution must meet the admissions requirements for their engineering major and meet the Georgia Tech GPA requirements. For Georgia residents, a ***cumulative*** overall GPA of 3.0 is required, including a mathematics GPA of 3.0 and a science GPA of 3.0 as well as overall GPA of 3.0.

Bachelor of Information Technology

Upon successful completion of the Bachelor of Information Technology Degree program, students should attain a proficient level of mastery of the IT program outcomes. At the BIT level, students should demonstrate a superior level of knowledge and understanding. Students should be able to integrate and apply IT skills across multiple areas both independently and as a team member.

Core Curriculum (Areas A – E).....**42 hours**
Area A1 ENGL 1101 English Composition I ..... 3 hours
Area A1 ENGL 1102 English Composition II ..... 3 hours
Area A2 Mathematics ..... 3 hours
Area B1 CRIT 1101 Critical Thinking ..... 3 hours
Area B2** Communication ..... 2 hours
Area C1 (Literature, Philosophy, or Foreign Language)..... 3 hours
Area C2 (Fine Arts or Intermediate Foreign Language) ..... 3 hours
Area D1 (Sciences) ..... 7 hours
Area D2***(Math, Science, Tech) ..... 3 hours
Area E1 POLS 1101 American Government ..... 3 hours
Area E2 World History ..... 3 hours
Area E3American History..... 3 hours
Area E4 Social Sciences..... 3 hours
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Lower Division Major Requirements (Core Curriculum Area F) .....18 hours
ITFN 1101 Foundations of Information Technology ..... 3 hours
ITFN 1201 Foundations of Database Design..... 3 hours
CSCI 1301**** Computer Science I..... 3 hours
CSCI 1302**** Computer Science II..... 3 hours
ITFN 2214 Web Application Development..... 3 hours
MATH 1231 Introductory Statistics; or
MATH 2020 Introductory Discrete Mathematics; or
MATH 2502 Calculus II; or
WBIT 2300 Discrete Mathematics for IT..... 3 hours

Lower Division Major Requirements (IT Foundations) .....**11 hours**
ITFN 1401 Foundations of Webmaster..... 3 hours
ITFN 1502 Foundations of Networking and Security ..... 3 hours
ITFN 1502L Foundation of Networking and Security Lab ..... 1 hour
ITFN 2512 Intermediate Networking and Security..... 3 hours
ITFN 2512L Intermediate Networking and Security Lab ..... 1 hour

Upper Division Major Requirements .....**15 hours**
ITFN 3003 Professional Development and Ethics..... 3 hours
ITFN 3103 Human-Computer Interaction..... 3 hours
ITFN 3112 Systems Analysis and Design..... 3 hours
ITFN 3144 Informatics Project Management ..... 3 hours
ITFN 3314 Testing & Quality Assurance in Software Development ..... 3 hours
ITFN 3601 Operating Systems..... 3 hours

Major Concentration.....**9 hours**
Select 9 hours from one of the following areas:

Database Administration emphasis
ITDB 4201 Advanced Database Modeling ..... 3 hours
ITDB 4202 Database Applications ..... 3 hours

ITDB 4203 Database Administration and Architecture ..... 3 hours

Networking and Security emphasis
ITNW 4501 Network Planning and Design ..... 3 hours
ITNW 4502 Secure Networks and Communications Protocols..... 3 hours
ITMM 4423 Security for E-Commerce ..... 3 hours

Informatics Emphasis
9 hours of upper division courses in a s ingle discipline. Dept. Approval required.

Upper Division Information Technology Electives .....3 hours

Upper Division Major/Senior Requirements.....9 hours
ITFN 4014 Internship Cooperative ..... 3 hours
ITFN 4154 Informatics Integration..... 3 hours
ITFN 4433 Web Integration ..... 3 hours

Free Electives.....10 hours

Total Degree Requirements.....120 hours

** Two hours of COMM 1110 count in Area B2, one hour counts as free elective. COMM 1001 & 1002 recommended.
***. MATH 1221 r ecommended for students who have not fulfilled Area D2 requirements. CSCI 1301 cannot be used in Area D2.
**** Programming options are: CSCI 1301/CSCI 1302 or ITFN 1303/ITFN 2313 or WBIT 1310/WBIT 2311..

Other Program-Specific Graduation Requirements

Information Technology students must earn a grade of *C* or better (or K) in the following courses:

1. All courses with a prefix beginning with IT (e.g., ITFN & WBIT)
2. ENGL 1101 & 1102; CRIT 1101
3. Any MATH course counted toward AASIT or BIT.
4. All upper division courses counted toward graduation.

INFORMATION TECHNOLOGY SUGGESTED DEGREE PROGRAM SEQUENCES

In the sequence below, only courses marked with an asterisk (*) are program requirements. O ther courses are recommended selections from categories within the program requirements. The AASIT program requirements are covered in the freshman year - sophomore year program sequence and t he BIT requirements are covered by the freshman year - senior year program sequence.

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
MATH 1101	Intro to Math Modeling	3	MATH 1221*	Finite Mathematics	3

CRIT 1101*	Critical Thinking	3	ITFN 1201*	Foundations of Database	3
ITFN 1101*	Foundations Info Tech	3	ITFN 1401*	Foundations of Webmaster	3
	Free Elective	3	ITFN 1501*	Foundations of Networking/Security	3
Total		***15***	***Total***		***16***

SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ITFN 2214	Web App Dev		COMM 1001 COMM 1002	Presentational Speaking Presentation Applications	1 1
ITFN 2512	Networking & Security		ITFN 2012	Practicum Option	3
ITFN 2512L	Networking & Security Lab				
MATH 1231	Statistics	3	POLS 1101*	American Government	3
	Free Elective			Free Elective	3
			HIST 2111	US History to 1877	3
Total		***15***	***Total***		***14***

JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ITFN 3103			ITFN 3003	Professional Development	3
ITFN 3112*	Systems Analysis	3	ITFN 3144	Project Management	3
ITFN 3601*	Operating Systems	3	ITFN 3314*	Testing & Quality Assurance	3
ENGL 2111	World Literature I	3	MUSC 2101	Music Appreciation	3
BIOL 1111	Introductory Biology I	3	BIOL 1112	Introductory Biology II	3
BIOL 1111L	Introductory Biology Lab I	1			
Total		***16***	***Total***		***14***

SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
	Major Concentration	6		Major Concentration	3
	Upper Div. IT Elective	3		Upper Div. IT Elective	3
ITFN 4433*	web Integration	3	ITFN 4014*	Internship	3
PSYC 1101	Intro General Psychology	3	ITFN 4154*	Informatics Integration	3
			HIST 1112	Survey of Modern History	3
Total		***15***	***Total***		***15***

Associate of Applied of Science in Information Technology

Upon successful completion of the Associate of Applied Science in Information Technology, students should attain developing and mature levels of mastery of the IT program's outcomes.

During the first year of the program, students are expected to obtain a developing level of mastery; to demonstrate an emerging level of knowledge and skills in the IT field. Students should show potential to perform independently. Students should be aware of the skills required for success in the IT field and should have refined job search skills.

At the AASIT level, students are expected to obtain a mature level of mastery and to demonstrate a refined level of comprehension. Students should be able to apply appropriate IT skills and perform both independently and as a team member.

ASSOCIATE OF APPLIED SCIENCE IN INFORMATION TECHNOLOGY DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A – E) ..... **23 hours**
Area A1 ENGL 1101 English Composition I ..... 3 hours
Area A1 ENGL 1102 English Composition II ..... 3 hours
Area A2 Mathematics ..... 3 hours
Area B1 CRIT 1101 Critical Thinking ..... 3 hours
Area B2** Communication ..... 2 hours
Area D2***(Math, Science, Tech) ..... 3 hours
Area E1 POLS 1101 American Government ..... 3 hours
Area E3American History ..... 3 hours

Lower Division Major Requirements (Core Curriculum Area F) ..... 18 hours
ITFN 1101 Foundations of Information Technology ..... 3 hours
ITFN 1201 Foundations of Database Design ..... 3 hours
CSCI 1301**** Computer Science I ..... 3 hours
CSCI 1302**** Computer Science II ..... 3 hours
ITFN 2214 Web Application Development ..... 3 hours
MATH 1231 Introductory Statistics; or
MATH 2020 Introductory Discrete Mathematics; or
MATH 2502 Calculus II; or
WBIT 2300 Discrete Mathematics for IT ..... 3 hours

Lower Division Major Requirements (IT Foundations) ..... **11 hours**
ITFN 1401 Foundations of Webmaster ..... 3 hours
ITFN 1502 Foundations of Networking and Security ..... 3 hours
ITFN 1502L Foundation of Networking and Security Lab ..... 1 hour
ITFN 2512 Intermediate Networking and Security ..... 3 hours
ITFN 2512L Intermediate Networking and Security Lab ..... 1 hour

Free Electives ..... 8 hours

Total Degree Requirements ..... 60 hours

** Two hours of COMM 1110 count in Area B2, one hour counts as free elective. COMM 1001 & 1002 recommended.

***. MATH 1221 recommended for students who have not fulfilled Area D2 requirements. CSCI 1301 cannot be used in Area D2.
**** Programming options are: CSCI 1301/CSCI 1302 or ITFN 1303/ITFN 2313 or WBIT 1310/WBIT 2311.

Minor in Information Technology

The Information Technology minor will help to prepare students for careers in business and the sciences where a deeper understanding of Information Technology would provide a benefit beyond the normal coursework in their major. To fulfill a minor in Information Technology, students must complete 18 semester hours of coursework with at least nine semester hours in the upper division. Courses taken to satisfy core areas A through E may not be counted as coursework in the Information Technology minor. ITFN 4700 Applied Research in Information Technology is required and allows students to map and direct their information technology skills to their chosen major. All courses and prerequisites must be passed with a grade of 'C' or better.

Required Courses.....18 hours
ITFN 1101 Foundations of Information Technology ..... 3 hours
CSCI 1301/ITFN 1303..... 3 hours
CSCI 1302/ITFN 2313..... 3 hours
ITFN 3112 Systems Analysis..... 3 hours
ITFN 3314 Testing and Quality Assurance..... 3 hours
ITFN 4700 Applied Research in Information Technology ..... 3 hours

Minor Information Technology Total.....18 hours

Online Bachelor of Science in Information Technology

The online Georgia Bachelor of Science in Information Technology degree program (Georgia WebBSIT) is offered collaboratively by five University System of Georgia (USG) institutions: Armstrong Atlantic State University; Clayton State University; Georgia Southern University; Columbus State College, and Southern Polytechnic State University. The program is offered primarily at a distance via USG's centrally supported course management system. Possible exceptions to fully online delivery would be a minimum number of proctored experiences (such as labs or exams) related to the nature of the course and by approval of the Georgia WebBSIT Executive Director.

The Georgia WebBSIT program has two primary purposes. The first purpose is to produce IT graduates with the knowledge, skills, and abilities to meet the needs of Georgia employers. IT graduates use computer software and hardware tools and applications to develop, support, and manage the technology infrastructure within organizations.

Graduates of the Georgia WebBSIT will be able to:

1. Use and apply current IT discipline-related concepts and practices.
2. Identify and analyze organizational and individual problems or opportunities in the IT realm and define requirements for addressing them when an IT solution is appropriate.
3. Design and develop effective, IT-based solutions and integrate them into the user environment.
4. Create and implement effective project plans.

5. Identify and investigate current and emerging technologies and assess their applicability to address individual and organizational needs.
6. Analyze the impact of technology on individuals, organizations, and society.
7. Collaborate in teams to accomplish common goals.
8. Communicate effectively and efficiently.
9. Recognize the qualities necessary to succeed in a professional environment.

These outcomes are in keeping with emerging program and curricular standards for IT education, as well as with the goals and objectives of the traditional BSIT programs of the collaborating institutions.

The second purpose of the program relates to access. Georgia WebBSIT will provide access to a BSIT education for Georgia citizens who would otherwise be unable to pursue such training within the State. These include, for example, people who interrupted their educations to take jobs as soon as they had enough skills to work in IT and who would now like to complete their degrees; other working undergraduates with particular imperatives for "any time/any place" learning; stay-at-home parents who wish to upgrade their skills; and separating military personnel who would like to retrain and remain in Georgia.

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**
All Bachelor of Science in Information Technology Core Curriculum requirements are shown in the suggested degree program.

Lower Division Core Requirements (Core Curriculum Area F).....**18 hours**
MATH 1231 or MATH 1401 Introductory Statistics ..... 3 hours
WBIT 1100 Introduction to Information Technology..... 3 hours
WBIT 1310 Programming and Problem Solving I ..... 3 hours
WBIT 2000 The Enterprise and Information Technology ..... 3 hours
WBIT 2300 Discrete Math for Information Technology ..... 3 hours
WBIT 2311 Programming and Problem Solving II ..... 3 hours

Upper Division Major Requirements .....**42 hours**
WBIT 3010 Technical Communication..... 3 hours
WBIT 3110 Systems Analysis and Design ..... 3 hours
WBIT 3111 Information Technology Project Management..... 3 hours
WBIT 3200 Database Design, Development and Deployment ..... 3 hours
WBIT 3400 Introduction to Digital Media ..... 3 hours
WBIT 3410 Web Application Development ..... 3 hours
WBIT 3500 Architecture and Operating Systems ..... 3 hours
WBIT 3510 Data Communications and Networking..... 3 hours
WBIT 3600 Introduction to E-Commerce ..... 3 hours
WBIT 4020 Professional Practices and Ethics ..... 3 hours
WBIT 4030 Senior Project..... 3 hours
WBIT 4112 Systems Acquisition, Integration and Implementation..... 3 hours
WBIT 4120 Human Computer Interaction ..... 3 hours
WBIT 4520 Information Assurance & Security ..... 3 hours

Major Concentration.....**9 hours**
Select all 9 hours from the following area:

WBIT 4601 Customer Relationship Management..... 3 hours
WBIT 4602 IT Strategy, Design, & Development..... 3 hours
WBIT 4610 IT Policy and Law ..... 3 hours

Free Electives.....**9 hours**

Total Degree Requirements.....**120 hours**

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
COMM 1001	Presentational Speaking	1	COMM 1002	Presentation Applications	1
MATH 1111	College Algebra	3	MATH 1113	Precalculus	3
CRIT 1101*	Critical Thinking	3	HIST 1112	Survey of Modern History	3
POLS 1101*	American Government	3	PSYC 1101	Intro General Psychology	3
WBIT 1100*	Intro Info Technology	3			
Total		***16***	***Total***		***13***

SOPHOMORE YEAR

First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
WBIT 2300*	Discrete Math for Info Tech	3	WBIT 2000*	Enterprise & Info Technology	3
WBIT 1310*	Program/Problem-Solving I	3	WBIT 2311*	Program/Problem-Solving II	3
BIOL 1111	Introductory Biology I	3	MATH 1231	Introductory Statistics	3
BIOL 1111L	Introductory Biology Lab I	1	BIOL 1112	Introductory Biology II	3
ENGL 2130	American Literature	3	MUSC 2101	Music Appreciation	3
HIST 2111	US History to 1877	3			
Total		***16***	***Total***		***15***

JUNIOR YEAR

First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
WBIT 3500*	Architecture & Oper Sys	3	WBIT 3510*	Data Communication	3
WBIT 3410*	Web Application Develop	3	WBIT 3600*	Intro to E-Commerce	3
WBIT 3110*	System Analysis & Design	3	WBIT 3111*	Project Management	3

WBIT 3400*	Introduction to Digital Media	3	WBIT 3200*	Database Design & Devel	3
WBIT 3010*	Technical Communication	3		Free Elective	3
Total		***15 Total***			***15***

SENIOR YEAR

First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
WBIT 4520*	Information Assurance & Security	3	WBIT 4602*	IT Strategy, Design & Development	3
WBIT 4020*	Professional Practices	3	WBIT 4610*	IT Policy & Law	3
WBIT 4120*	Human Computer Interact	3	WBIT 4112*	Systems Acquisition	3
WBIT 4601*	Customer Rel Mgmt	3	WBIT 4030*	Senior Project	3
	Free Elective	3		Free Elective	3
Total		***15 Total***			***15***

Bachelor of Science in Computer Science

Upon successful completion of the Bachelor of Science in Computer Science (BSCS), students should attain a proficient level of mastery of the CS program's outcomes. At the BSCS level, students should demonstrate a superior level of knowledge and understanding. Students should be able to integrate and apply computer science theory and concepts across multiple areas both independently and as a team member.

BACHELOR OF SCIENCE IN COMPUTER SCIENCE DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A – E) .....**42 hours**
- ENGL 1101 English Composition I (Area A1) ..... 3 hours
- ENGL 1102 English Composition II (Area A1) ..... 3 hours
- MATH 1501 – Calculus I (Area A2) ..... 3 hours
- CRIT 1101 Critical Thinking (Area B1) ..... 3 hours
- COMM 1001 or COMM 1002 Communications (Area B2) ..... 1 hour
- (Area C1) PHIL 2030 recommended ..... 3 hours
- Area C2 (Fine Arts or Intermediate Foreign Language)..... 3 hours
- Area D1 (Science Sequence)*** ..... 8 hours
- MATH 2502 Calculus II (Area D2)..... 3 hours
- POLS 1101 American Government (Area E1) ..... 3 hours
- (Area E2)..... 3 hours
- (Area E3)..... 3 hours
- (Area E4)..... 3 hours

Lower Division Major Requirements (Core Curriculum Area F) .....18 **hours**
- CSCI 1100 Applied Computing ..... 3 hours
- CSCI 1301 Computer Science I..... 3 hours
- CSCI 1302 Computer Science II..... 3 hours
- CSCI 2302 Data Structures and Algorithms..... 3 hours

CSCI 2305 Computer Org. & Architecture ..... 3 hours
MATH 2020 Discrete Mathematics..... 3 hours

Additional Lower Division Major Requirements
Carry-over from MATH 1113, MATH 1501 and/or MATH 1501 ..... 2 hours

Upper Division Major Requirements ..... **36 hours**
CSCI 3300 Computer Ethics** .....3 hours
CSCI 3301 Game Design & Programming ..... 3 hours
CSCI 3305 Operating Systems..... 3 hours
CSCI 3306 Computer Networks & Security ..... 3 hours
CSCI 3310 Database Design and Implementation..... 3 hours
CSCI 3320 Software Engineering Design ..... 3 hours
CSCI 3333 Programming Languages..... 3 hours
CSCI 4301 Game Design and Programming II ..... 3 hours
CSCI 4304 Computer Graphics ..... 3 hours
CSCI 4307 Artificial Intelligence..... 3 hours
CSCI 4315 Human Computer Interaction ..... 3 hours
CSCI 4320 Software Engineering Practicum ..... 3 hours

Required Electives (choose one) .....**3 hours**
CSCI 4333 Theory of Computation ..... 3 hours
CSCI 4334 Algorithm Design ..... 3 hours

Computer Science Elective (choose one).....**3 hours**
CSCI 4305 UNIX system programming & Admin ..... 3 hours
CSCI 4306 Computer Networks & Security ..... 3 hours
CSCI 4310 Advanced Issues in Databases..... 3 hours
CSCI 4314 Multimedia Production and Development..... 3 hours
CSCI 4316 Cluster and Grid Computing ..... 3 hours
CSCI 4360 Computer Science Research @ ..... 3 hours
CSCI 4370 Internship @ ..... 3 hours

Additional Mathematics Requirements.....**6 hours**
MATH 1231 Introductory Statistics..... 3 hours
MATH 2140 Introductory Linear Algebra ..... 3 hours
Other Science Requirements (choose one)***.....**4 hours**
PHYS 2211 and PHYS 2211L ..... 4 hours
CHEM 1211 and CHEM 1211L..... 4 hours
BIOL 1107 and BIOL 1107L ..... 4 hours
Technical Writing.....**3 hours**
ENGL 3900 Technical Writing ..... 3 hours
Free Elective ..... 3 hours

Total Degree Requirements.....120 hours

* Students who have taken Precalculus may use it for this Free Elective. Students who start with Calculus I must take an addi tional Free Elective course..
** If PHIL 2030 is taken in Area C1, this may be an upper division CS elective.
*** Computer Science Majors are required to complete a science sequence and labs for science majors: BIOL 1107/1108, CHEM 1211/1212, or PHYS 2211/2212
@ These courses may be repeated for upper-division CS elective credit.

COMPUTER SCIENCE SUGGESTED DEGREE PROGRAM SEQUENCES

Students have the option of starting the Computer Science degree using either Pre-calculus or Calculus I in the first semester.

Pre-Calculus Sequence

FRESHMAN YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101	English Composition I	3	ENGL 1102	English Composition II	3
COMM 1001	Presentational Speaking	1	CSCI 1302	Computer Science II	3
MATH 1113	Pre-calculus	3	MATH 1501	Calculus I	4
CSCI 1100	Applied Computing	3	MATH 2020	Discrete Mathematics	3
CSCI 1301	Computer Science I	3	CRIT 1101	Critical Thinking	3
POLS 1101	American Government	3			
Total		***16***	***Total***		***16***
SOPHOMORE YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MATH 2502	Calculus II	4	CSCI 2305	Computer Org & Arch.	3
MATH 1231	Intro to Statistics	3	MATH 2140	Intro. Linear Algebra	3
CSCI 2302	Data Structures	3	PHYS 2212+L	Princ. Of Physics II + Lab	4
PHYS 2211+L	Princ. of Physics I + Lab	4	PHIL 2030	Ethics	3
Total		***14***	***Total***		***13***
JUNIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
CSCI 3305	Operating Systems	3	CSCI 3320	Software Eng. Pract.	3
CSCI 3310	Database Desg. & Impl.	3	CSCI 3333	Prog. Languages	3
CSCI 3306	Computer Networks & Sec.	3	CSCI 4307	Artificial Intelligence	3
Science	Science Elective	4	CSCI 3301	Game Design	3
PHIL 3301H	Ethics***	3	Area E4	SOCI or PSYC	3
Total		***16***	***Total***		***15***
SENIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
CSCI Elect.	CSCI 4333 or CSCI 4334	3	CSCI 4304	Graphics	3
CSCI 4320	Software Eng. Practicum	3	CSCI 4301	Advanvced Game Design	3

CSCI 4315	Human Comp. Interface	3	ENGL 3900	Technical Writing	3
CS Elect.	CSCI elective	3	Area C2	Fine Arts/Language	3
Area E2	HIST	3	Area E3	History	3
Total		***15***	***Total***		***15***

Calculus Sequence

FRESHMAN YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
ENGL 1101	English Composition I	3	ENGL 1102	English Composition II	3
COMM 1001	Presentational Speaking	1	CSCI 1302	Computer Science II	3
MATH 1501	Calculus	4	MATH 2502	Calculus II	4
CSCI 1100	Applied Computing	3	MATH 2020	Discrete Mathematics	3
CSCI 1301	Computer Science I	3	CRIT 1101	Critical Thinking	3
Total		***14***	***Total***		***16***
SOPHOMORE YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MATH 1231	Intro to Statistics	3	CSCI 2305	Computer Org & Arch.	3
CSCI 2302	Data Structures	3	MATH 2140	Intro. Linear Algebra	3
PHYS 2211+L	Princ. of Physics I + Lab	4	PHYS 2212+L	Princ. Of Physics II + Lab	4
PHIL 2030	Ethics (Area C1)	3	Area C2	Fine Arts/Language	3
			Area E2	HIST	3
Total		***13***	***Total***		***16***
JUNIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
CSCI 3305	Operating Systems	3	CSCI 3306	Comp. Networks & Sec.	3
CSCI 3310	Database Desg. & Impl.	3	CSCI 3333	Prog. Languages	3
CSCI 3300	Computer Ethics	3	CSCI 4301	Adv. Gaming Desg. & Prog.	3
CSCI 3301	Game Desg & Prog	3	Area E4	SOCI or PSYC	3
Science	Science Elective	4	Area E1	Social Science	3
Total		***16***	***Total***		***15***
SENIOR YEAR					
First Semester			***Second Semester***		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
CSCI	CS Elective	3	CSCI 4307	Artificial Intelligence	3

CSCI 3320	Software Eng. Design	3	CSCI 4320	Soft. Eng. Practicum	3
CSCI 4304	Computer Graphics	3	CSCI Elect.	CSCI 4334 or CSCI 4333	3
ENGL 3900	Technical Writing	3	CSCI 4315	Human Comp. Inter.	3
Elective	General Elective	3	Area E3	History	3
Total		***15***	***Total***		***15***

Minor Program in Computer Science

The objective of the minor is to more fully prepare students with strong mathematics backgrounds for careers where a deeper understanding of Computer Science would provide a benefit beyond the normal coursework in their major. Computing is integral to all disciplines. A foundation in object oriented programming is provided along with an in-depth understanding of the major computing disciplines and data structures. The computer science discipline augments the following essential student outcomes: critical thinking, reasoning, analysis and problem solving, and communication. Students will integrate and apply computing skills within their chosen major. All coursework must be passed with a 'C' or better. Courses taken to satisfy areas A through E may not be counted as coursework toward the computer science minor.

COMPUTER SCIENCE MINOR PROGRAM REQUIREMENTS

Required Lower-Division Courses .....**9 hours**
CSCI 1301 Computer Science I..... 3 hours
CSCI 1302 Computer Science II..... 3 hours
CSCI 2302 Data Structures..... 3 hours

Elective Upper-Division Courses .....**9 hours**
Students are required to complete 9 hours of upper-division CSCI courses. CSCI 4800 can count for a maximum of 3 hours.

Total Program Requirements .....**18 hours**

Dual-Degree Engineering Program

Through an agreement between Clayton State University and Georgia Institute of Technology (Georgia Tech), students who wish to study engineering may begin their undergraduate program at Clayton State University and later transfer to Georgia Institute of Technology through the Dual Degree Engineering Program.

Students who attend Clayton State University under the Dual Degree Engineering Program will complete a specified three-year curriculum in either computer science or mathematics at Clayton State and then attend Georgia Tech for approximately two years. After completion of the program of study at Georgia Tech, the student will receive either a Bachelor of Science in Computer Science or Bachelor of Science in Mathematics from Clayton State University and a Bachelor's degree in the student's chosen engineering discipline from Georgia Tech.

The Dual Degree Program requirements for Computer Science+Engineering at Clayton State include:

General Education Requirements (Areas A-E).....42 hours
Major Requirements (Area F).....18 hours
Required Lower-Level Courses (Area A1) .....9-12 hours
Required Upper-Division.....21 hours
Guided Electives ..... 8 hours
Total Semester Hours.....98-101 hours

The Dual-Degree Program requirements for Mathematics+Engineering at Clayton State include:
General Education Requirements (Areas A-E).....42 hours
Major Requirements (Area F).....18 hours
Required Upper-Division.....12 hours
Elective Mathematics Courses .....12 hours
Guided Electives .....8-11 hours
Total Semester Hours.....92-95 hours

The remainder of the 120-hour program of study will consist of upper division engineering courses, which are included in the program of study for the engineering degree program at Georgia Tech. It is the responsibility of the student to ensure they take the correct science and mathematics sequence – as they differ throughout the engineering disciplines. Students are strongly encouraged to speak with an advisor before entering this program of study.

DUAL-DEGREE PROGRAM (COMPUTER SCIENCE+ENGINEERING) REQUIREMENTS

Core Curriculum (Areas A – E) .....42 hours
ENGL 1101 English Composition I (Area A1) ..... 3 hours
ENGL 1102 English Composition II (Area A1) ..... 3 hours
MATH 1112A, MATH 1112, MATH 1113, or MATH 1501 (Area A2)*..... 3 hours
CRIT 1101 Critical Thinking (Area B1) ..... 3 hours
COMM 1001 or COMM 1002 Communications (Area B2) ..... 1 hour
(Area C1) PHIL 2030 recommended ..... 3 hours
Area C2 (Fine Arts or Intermediate Foreign Language)..... 3 hours
Area D1 (Science Sequence)*** ..... 8 hours
MATH 2502 Calculus II (Area D2)..... 3 hours
POLS 1101 American Government (Area E1) ..... 3 hours
(Area E2)..... 3 hours
(Area E3)..... 3 hours
(Area E4)..... 3 hours

Major Program Requirements (Area F) .....18 hours
MATH 1501 Calculus I (excess hour) ..... 1 hour
MATH 2502 Calculus II .....1 or 4 hours
MATH 2503 Calculus III..... 4 hours
MATH 2140 Linear Algebra ..... 3 hours
CSCI 1371 Computer Science for Engineers..... 3 hours
Chose two if Calculus I is in Area A; choose 1 if Calculus II is in Area A:
MATH 1231 Introduction to Statistics ..... 3 hours
MATH 2020 Discrete Mathematics ..... 3 hours

Required Lower-Division Computer Science Courses .....**9 hours**
CSCI 1302 Computer Science II ..... 3 hours
CSCI 2302 Data Structures ..... 3 hours
CSCI 2305 Computer Organization & Architecture ..... 3 hours

Required Lower-Division Math Course (if not taken in Area F) ..... **0-3 hours**
MATH 2020 Discrete Mathematics ..... 3 hours

Required Upper-Division Computer Science/Mathematics Courses 21 hours
MATH 3303 Ordinary Differential Equations..... 3 hours
CSCI 3305 Operating Systems..... 3 hours
CSCI 3306 Computer Networks & Security ..... 3 hours
CSCI 3310 Database Design and Implementation..... 3 hours
CSCI 3320 Software Engineering Design ..... 3 hours
CSCI 3333 Programming Languages..... 3 hours
CSCI 4333 (Algorithms) or CSCI 4334 (Theory of Comp.) ..... 3 hours

Guided Electives .....8 hours

The 22xx/22xxL Physics sequence is required for every engineering program at Georgia Tech. T he additional science requirements should be carefully chosen to satisfy the requirements of the particular engineering discipline at Georgia Tech. Depending on courses selected in Area F, within the electives, you must complete a second science** sequence from:

PHYS 2211/2211L Principles of Physics I (with Lab) .....1 or 4 hours
PHYS 2212/2212L Principles of Physics II (with Lab) .....1 or 4 hours
CHEM 1211/1211L Principles of Chemistry I (with Lab).....1 or 4 hours
CHEM 1212/1212L Principles of Chemistry II (with Lab).....1 or 4 hours

Total Semester Hours Taken at CSU.....**98-101 hours**

* Note: Economics (ECON 2015 or 2106) is required for the Georgia Tech degree. This course may be taken at Clayton State

** Note: Biomedical Engineering requires BIOL 1107/1107L; Chemical Engineering recommends BIOL 1107/1107L in addition to the required Physics and C hemistry sequences; Materials Science and Polymer, Textile, and Fiber engineering programs require Physics and Chemistry sequences.

DUAL-DEGREE PROGRAM (MATHEMATICS+ENGINEERING) REQUIREMENTS

Core Curriculum – (Areas A – E) .....42 hours
ENGL 1101 English Composition I (Area A1) ..... 3 hours
ENGL 1102 English Composition II (Area A1) ..... 3 hours
MATH 1112A, MATH 1112, MATH 1113 or MATH 1501 (Area A2)*..... 3 hours
CRIT 1101 Critical Thinking (Area B1) ..... 3 hours
COMM 1001 or COMM 1002 Communications (Area B2)..... 1 hour
Area C1 (Literature, Philosophy, or Foreign Language) ..... 3 hours
Area C2 (Fine Arts, or Intermediate Foreign Language)..... 3 hours
Area D1 (Science Sequence) ..... 8 hours

Select <u>one</u> of the following if not taken in other area:
MATH 1501 Calculus I (Area D2)* ..... 3 hours
MATH 2502 Calculus II (Area D2)* ..... 3 hours

POLS 1101 American Government (Area E1) ..... 3 hours
HIST 1111 or HIST 1112 or HIST 2750 (Area E2) ..... 3 hours
HIST 2111 or 2112 (Area E3) ..... 3 hours
SOCI 1101 or PSYC 1101 (Area E4) ..... 3 hours

Major Program Requirements – (Area F).....18 hours
MATH 1501 (excess hour from Area D) ..... 1 hours
MATH 2502 Calculus II .....1 or 4 hours
MATH 2503 Calculus III..... 4 hours
MATH 2140 Linear Algebra ..... 3 hours
CSCI 1371 Computer Science for Engineers ..... 3 hours

Choose two if Calculus I is in Area A or one if Pre-Calculus is in Area A [Biomedical Engineering (BME) and Chemical and Biomolecular Engineering (ChE) take at least one science]: BIOL 1107, CHEM 1211, CHEM 1212, PHYS 2211, PHYS 2212, MATH 1231, MATH 2020..... 3-6 hours

Required Upper-Division Mathematics Courses .....12 hours
MATH 3005 Transitions to Higher Mathematics..... 3 hours
MATH 3110 Survey of Algebra ..... 3 hours
MATH 3520 Introduction to Analysis ..... 3 hours
MATH 3303 Ordinary Differential Equations ..... 3 hours

Upper-Division Mathematics Elective (choose 3) .....9 hours
MATH 3220 Applied Statistics ..... 3 hours
MATH 4303 Partial Differential Equations ..... 3 hours
MATH 4130 Applied Algebra ..... 3 hours
MATH 4250 Elementary Number Theory..... 3 hours
MATH 4320 Numerical Methods ..... 3 hours
MATH 4231 Modern Geometry..... 3 hours
MATH 4350 Graph Theory ..... 3 hours
MATH 4360 Combinatorics..... 3 hours

Additional Upper-Division Mathematics Elective (choose 1 or 2) .....3 hours
MATH 3003 Applied Mathematical Modeling..... 3 hours
MATH 4800 Selected Topics in Mathematics ..... 3 hours
One additional course from the Upper-Division Math Electives..... 3 hours

Additional Requirements .....5-11 hours
Choose one of the following:
ECON 2105 Principles of Macroeconomics..... 3 hours
ECON 2106 Principles of Microeconomics..... 3 hours

The 22xx/22xxL Physics sequence is required for every engineering program at Georgia Tech. The additional science requirements should be carefully chosen to satisfy the requirements of the particular engineering discipline at Georgia Tech.

PHYS 2211/2211L Principles of Physics I (with Lab) .....1 or 4 hours
PHYS 2212/2212L Principles of Physics II (with Lab) .....1 or 4 hours
CHEM 1211/1211L Principles of Chemistry I (with Lab).....1 or 4 hours
CHEM 1212/1212L Principles of Chemistry II (with Lab).....1 or 4 hours

Total Semester Hours Taken at CSU .....92-95nh hours

* Note: Economics (ECON 2015 or 2106) is required for the Georgia Tech degree. This course may be taken at Clayton State

** Note: Biomedical Engineering requires BIOL 1107/1107L; Chemical Engineering recommends BIOL 1107/1107L in addition to the required Physics and C hemistry sequences; Materials Science and Polymer, Textile, and Fiber engineering programs require Physics and Chemistry sequences.

Certificate in Computer Networking

The Computer Networking program offers a certificate that leads to the associate degree (AAS). Computer Networking is about computers communicating with each other, from sending e-mail across the hall or downloading a file from halfway across the world. Students in this program will learn how to implement and manage Local Area Networks (LANs) and Wide Area Networks (WANs), IP Telephony and Wireless LANs (WLANs).

Students must earn a grade of C or higher in all CNET and other career courses to meet program requirements. In addition, before attempting a course that has any prerequisite courses, students must first complete all prerequisites for that course with a grade of C or higher.

Students in the Computer Networking certificate program must exit from or exempt MATH 0099 and R EAD 0099 before attempting any CNET or ITFN courses.

CERTIFICATE IN COMPUTER NETWORK TECHNICIAN PROGRAM REQUIREMENTS

A total of 40 credit hours are required for the Certificate in Computer Networking Technician

Core Curriculum (Areas A – E).....**17 hours**
- Area A1 ENGL 1101 English Composition I..... 3 hours
- Area A1 ENGL 1102 English Composition II..... 3 hours
- Area A2 Mathematics..... 3 hours
- Area B1 CRIT 1101 Critical Thinking..... 3 hours
- Area B2** Communication..... 2 hours
- Area E1 POLS 1101 American Government ..... 3 hours

Lower Division Major Requirements (Core Curriculum Area F) .....18 hours
- ITFN 1101 Foundations of Information Technology ..... 3 hours
- ITFN 1201 Foundations of Database Design..... 3 hours
- CSCI 1301**** Computer Science I..... 3 hours
- ITFN 1401 Foundations of Webmaster..... 3 hours
- ITFN 1502 Foundations of Networking and Security ..... 3 hours
- ITFN 2512 Intermediate Networking and Security..... 3 hours

Lower Division Major Requirements (IT Foundations) .....**5 hours**
- ITFN 1502L Foundation of Networking and Security Lab ..... 1 hour
- ITFN 2512L Intermediate Networking and Security Lab ..... 1 hour
- One of the following:
  - CSCI 1302**** Computer Science II ..... 3 hours
  - ITFN 1601 Introduction to UNIX ..... 3 hours
  - ITFN 2214 Web Application Development ..... 3 hours
  - CNET 2226 Fundamentals of IP Telephony..... 3 hours
  - MATH 1221 Finite Mathematics ..... 3 hours
  - MATH 1231 Introductory Statistics ..... 3 hours

MATH 2020 Introductory Discrete Mathematics ..... 3 hours
MATH 2502 Calculus II ..... 3 hours
WBIT 2300 Discrete Mathematics for IT..... 3 hours

Total Program Requirements .....**40 hours**

** Two hours of COMM 1110 count in Area B2, one hour counts as free elective. COMM 1001 & 1002 recommended.
***. MATH 1221 r ecommended for students who have not fulfilled Area D2 requirements. CSCI 1301 cannot be used in Area D2.
**** Programming options are: CSCI 1301/CSCI 1302 or ITFN 1303/ITFN 2313 or WBIT 1310/WBIT 2311..

Bachelor of Applied Science in Technology Management/CNET Concentration

The Bachelor of Applied Science in Technology Management, with concentration in Computer Networking , provides career advancement opportunities for individuals employed (or seeking employment) in a wide variety of plant, shop, and industrial settings. Like all B.A.S. programs, the Technology Management major builds upon the technical education acquired through an associate degree in a career field. For the Technology Management Computer Networking concentration, the associate degree or career courses should be in the Computer Networking field.

BACHELOR OF APPLIED SCIENCE IN TECHNOLOGY MANAGEMENT DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**

No grades of D in upper-division courses are allowed in the Technology Management major. Upper-division courses are all courses other than those of Areas A through E of the core curriculum. 1000- or 2000-level courses used in the upper division are included in this restriction.

Computer Networking Concentration

Upper Division Major Requirements .....**16 hours**
ENGL 3900 Professional and Technical Writing
or COMM 3300 Interpersonal Communications..... 3 hours
TECH 3101 Principles of Management..... 3 hours
TECH 3104 Ethics for Administrative and Technology Managers ..... 3 hours
TECH 3111 Applied Economics*..... 3 hours
TECH 4115 Global Technology..... 3 hours
TECH 4850 Capstone Seminar for Administrative & Technology
Managers ..... 1 hour

Computer Networking Courses.....12 hours
CNET 3210 Advanced Routing ..... 3 hours
CNET 3220 Multi-Layer Switching..... 3 hours
CNET 4210 Network Security and Firewalls ..... 3 hours
CNET 4250 Troubleshooting Converged Networks..... 3 hours

Choose three from the following courses.....**9 hours**
CNET 4110 IP Telephony ..... 3 hours
CNET 4310 Advanced Server Technology..... 3 hours
CNET 4800 Selected Topics in Computer Networking ..... 3 hours
ITFN 3112 Systems Analysis ..... 3 hours
ITFN 3314 Testing and Quality Assurance..... 3 hours
ITFN 3601 Operating Systems ..... 3 hours
ITFN 4700 Applied Research in Information Technology..... 3 hours
MGMT 3101 Management Principles & Organizational Behavior ..... 3 hours
MKTG 3100 Personal Marketing ..... 3 hours
MKTG 3101 Principles of Marketing ..... 3 hours
TECH 3102 Quality Issues in Technology..... 3 hours
TECH 3112 Applied Accounting ..... 3 hours
TECH 3113 Survey of Statistical Methods in Technology ..... 3 hours
TECH 3115 Legal Issues for Administrative & Technology Managers..... 3 hours
TECH 4098 Internship ..... 3 hours
TECH 4101 Human Resources for Administrative & Technology Managers ..... 3 hours
TECH 4111 Leadership for Administrative & Technology Managers ..... 3 hours
TECH 4800 Selected Topics in Technology Management ..... 3 hours

Free Elective.....**3 hours**
Any upper division 3000- or 4000-level course.

Total Degree Requirements.....**120 hours**

* Students with credit for ECON 2105-2106 may exempt this course and take an additional upper division related elective.

Other Program-Specific Graduation Requirements

1. Student must have minimum overall GPA (as defined by Banner) of 2.2 at time of application.
2. In order to graduate, students must pass the writing assessment that is given as part of TECH 3104. Students that do not pass the writing assessment will be required to successfully complete WLAB 2999 as evidence of satisfactory program writing proficiency.
3. Student must complete Regents Test prior to being admitted to BAS program.
4. Student must complete Legislative Requirements prior to being admitted to BAS program.
5. Student must complete all Area A courses (ENGL 1101, ENGL 1102, MATH 1101/1111) prior to being admitted to BAS program
6. The student must satisfy one of the two career course requirements prior to being admitted to BAS program:
   a. Must have an AAS or AAT (Career Associate Degree) from a regionally accredited college or university OR
   b. Must have at least 38 semester credit hours of professional/technical courses from a regionally accredited college or university with a grade of C or higher and 21 of these 38 must be in one professional/technical area. The student must not have been enrolled in any certificate or career associate degree program within the last two academic years prior to applying for the BAS program. If the student has 30-37 professional/technical courses, he/she will need to

take additional courses to satisfy the 38 hour requirement; the student's advisor will recommend appropriate courses.

Department of Mathematics

DEPARTMENT HEAD

Anthony Giovannitti, *Department Chair*

FACULTY

Scott M. Bailey
Christian Barrientos
Michael J. Dancs
Keith H. Driscoll
Anthony Giovannitti
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Linda E. Nash
Kelli Nipper
Tamara Pearson
Aaron Rafter
Christopher P. Raridan
Lila F. Roberts
Jelinda Spotorno
Anthony B. Stinson
Patrick Taylor
David B. Williams

MISSION AND GOALS

The mathematics program offers instruction in mathematics and computing and is responsible for the following programs and courses:

- Bachelor of Science Degree program in Mathematics.
- Bachelor of Science Degree Program with Concentration in Secondary Education.
- Minor in Mathematics.
- Upper division service courses that support Computer Science, Information Technology and Teacher Education baccalaureate programs.
- Lower division courses that meet requirements in Areas A and D of the Core Curriculum and that may serve other programs in Area F or as general electives.

Bachelor of Science in Mathematics

The program of study for the BS in Mathematics is designed to prepare the graduate for a career in a field that employees professionals with mathematical and/or computer science competence. At the same time, it provides for the student to add courses that will prepare him/her to pursue a graduate degree in either mathematics or computer science.

BACHELOR OF SCIENCE IN MATHEMATICS DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**
All Mathematics Core Curriculum requirements are shown in the suggested degree program.

Lower Division Major Requirements (Core Curriculum Area F) ...**12-15 hours**
CSCI 1301 Computer Science I or CSCI 1371 Computing for Engineers .. 3 hours
MATH 1501 Calculus I..... 1 hour

MATH 2140 Introductory Linear Algebra..... 3 hours
MATH 2502 Calculus II..... 1-4 hours
MATH 2503 Calculus III..... 4 hours

Lower Division Emphasis Options (Core Curriculum Area F)..... **3-6 hours**
Select a minimum of number of hours for a total of 18 hours in Area F:
CHEM 1211 and C HEM 1211L, CHEM 1212 and CHEM 1212L, CSCI 1302, MATH 1231, MATH 2020, PHYS 2211 and PHYS 2211L, PHYS 2212 and PHYS 2212L

Upper Division Major Requirements.....**15 hours**
MATH 3005 Transition to Higher Mathematics..... 3 hours
MATH 3006 Communications in Mathematics..... 1 hour
MATH 3110 Survey of Algebra..... 3 hours
MATH 3303 Ordinary Differential Equations ..... 3 hours
MATH 3520 Introduction to Analysis..... 3 hours
MATH 4988 Directed Undergraduate Research..... 2 hours
MATH 4989 Senior Capstone Project..... 0 hour

Upper Division Math Electives.....**12 hours**
Select at least three courses from the list below:
MATH 3220 Applied Statistics..... 3 hours
MATH 4303 Partial Differential Equations..... 3 hours
MATH 4250 Elementary Number Theory..... 3 hours
MATH 4231 Modern Geometry..... 3 hours
MATH 4350 Graph Theory..... 3 hours
MATH 4360 Combinatorics..... 3 hours

Select one course from the list above or MATH 3003 Applied Mathematical Modeling or MATH 4800 Special Topics in Mathematics..... 3 hours

Electives.....**33 hours**
At least 12 hours must be 3000 or above to complete the graduation requirement for upper division credits. Courses that will not be counted toward the degree are MATH 1101, MATH 1111, MATH 1241, MATH 3020, MATH 3010, MATH 3020 MATH 3030, MATH 4010 and MATH 4020.

Other Requirements: The student must also complete one of the following:
1. Complete a second science sequence for science majors and one 2000 level or above science course, excluding BIOL 2250 and BIOL 2250L
2. An approved minor other than Mathematics.

Total Degree Requirements.....**120 hours**
For the B.S. in Mathematics, no course labeled MATH with a grade of D may be used for credit towards graduation. No more than one (1) D may be used towards credit for graduation

BACHELOR OF SCIENCE IN MATHEMATICS SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements. O ther courses are recommended selections from categories

within the program requirements.

FRESHMAN YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MATH 1113*	Pre-Calculus	3	MATH 1501*	Calculus I	4
CSCI 1301*	Computer Science I	3	CSCI 1302	Computer Science II	3
PSYC 1101	Intro General Psychology	3	HIST 2111	US History to 1877	3
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
POLS 1101	American Government	3	COMM 1001	Presentational Speaking	1
Total		***15***	***Total***		***14***

SOPHOMORE YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MATH 2502*	Calculus II	4	MATH 2503*	Calculus III	4
MATH 2140*	Introduction to Linear Algebra	3	MATH 3005*	Trans to Adv Mathematics	3
HIST 1112	Survey of Modern History	3	MATH 3006*	Comm. In Math	1
CHEM 1211	Principles of Chemistry I	3	CHEM 1212	Principles of Chemistry II	3
CHEM 1211L	Principles of Chem I Lab	1	CHEM 1212L	Principles of Chem. II Lab	1
CRIT 1101*	Critical Thinking	3	CMS 2100	Introduction to Film	3
Total		***17***	***Total***		***15***

JUNIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MATH 3003	Applied Math Modeling	3	MATH 4350	Graph Theory	3
MATH 3303*	Ord Differential Equations	3	MATH 4303	Partial Differential Equations	3
MATH 1231	Intro to Statistics	3	MATH 3110	Survey of Algebra	3
ECON 2105	Prin. of Macroeconomics	3	PHYS 2212	Principles of Physics II	3
PHYS 2211	Principles of Physics I	3	PHYS 2212L	Principles of Physics II Lab	1
PHYS 2211L	Principles of Physics I Lab	1	ECON 2106	Prin. of Microeconimics	3
Total		***16***	***Total***		***16***

SENIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MATH 4130	Applied Algebra	3	MATH 4320	Numerical Methods	3
MATH 3220	Applied Statistics	3	MATH 3520*	Intro to Analysis	3
MKTG 3100	Personal Marketing	3	FINA 3100	Personal Financial Mgmt	3
CHEM 2411	Organic Chemistry	3	PHIL 2010	Intro to World Philosophy	3
CHEM 2411L	Organic Chemistry Lab	1	MATH 4989*	Senior Capstone	0
MATH 4988	Directed Research	2			

Total		***15***	***Total***		***12***

Bachelor of Science in Mathematics (Concentration in Secondary Education)

The program of study for the B.S. in Mathematics with a concentration in Secondary Education is designed to prepare the graduate for a career as a certified professional in teaching Mathematics at the secondary level.

BACHELOR OF SCIENCE IN MATHEMATICS (Sec. Ed.) DEGREE PROGRAM REQUIREMENTS

Core Curriculum (Areas A - E).....**42 hours**
All Mathematics Core Curriculum requirements are shown in the suggested degree program.

Lower Division Major Requirements (Core Curriculum Area F) ...**15-18 hours**
CSCI 1301/CSCI 1371 Computer Science I/Computing for Engineers ..... 3 hours
MATH 1501 Calculus I..... 1 hour
MATH 2140 Introductory Linear Algebra..... 3 hours
MATH 2502 Calculus II..... 1-4 hours
MATH 2503 Calculus III..... 4 hours
MATH 1231 Introduction to Statistics ..... 3 hours
MATH 2020 Intro to Discrete Mathematics.....0 or 3 hours

Upper Division Major Requirements (Sec. Ed.).....**27 hours**
MATH 3005 Transition to Higher Mathematics..... 3 hours
MATH 3006 Communications in Mathematics..... 1 hour
MATH 3110 Survey of Algebra..... 3 hours
MATH 3220 Applied Statistics..... 3 hours
MATH 3303 Ordinary Differential Equations ..... 3 hours
MATH 3520 Introduction to Analysis..... 3 hours
MATH 4050 Methods of Teaching Secondary Mathematics..... 4 hours
MATH 4231 Modern Geometry ..... 3 hours
MATH 4250 Elementary Number Theory..... 3 hours
MATH 4988 Directed Undergraduate Research..... 1 hour
MATH 4989 Senior Capstone Project..... 0 hour

Education related Electives..... **27 – 30 hours**
MATH 2020 Discrete Mathematics (If not in Area F)..... 3 hours
EDUC 2110 Invest. Critical & Contemp. Issues in Ed. ..... 3 hours
EDUC 2120 Expl. Socio-Cultural Persp. on Diversity in Ed. Context .. 3 hours
EDUC 2130 Expl. Teach. & Learning..... 3 hours
EDUC 3030 Exploring-Exceptional Learner 3 hours
EDUC 3200 Secondary School Curriculum & Assessment 3 hours
EDUC 3210 Classroom Management 3 hours
EDUC 4003 Secondary Level Seminar 1 hour
EDUC 4730 Secondary Education Internship 8 hours

Electives.....**0 - 3 hours**
Courses that will not be counted toward the degree are MATH 1101, MATH 1111, MATH 1241, MATH 3010, MATH 3020, MATH 3030, MATH 4010, and MATH 4020.

Total Degree Requirements.....**120 hours**

For the B.S. in Mathematics (Concentration in Secondary Education), no course labeled MATH or EDUC with a grade of D may be used for credit towards graduation. No more than one (1) D may be used towards credit for graduation.

BACHELOR OF SCIENCE IN MATHEMATICS (Secondary Education) SUGGESTED DEGREE PROGRAM SEQUENCE

In the sequence below, only courses marked with an asterisk (*) are program requirements.

FRESHMAN YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MATH 1113*	Pre-Calculus	3	MATH 1501*	Calculus I	4
CSCI 1301*	Computer Science I	3	MATH 1231	Intro to Statistics	3
PSYC 1101	Intro General Psychology	3	HIST 2111	US History to 1877	3
ENGL 1101*	English Composition I	3	ENGL 1102*	English Composition II	3
POLS 1101	American Government	3	CRIT 1101*	Critical Thinking	3
COMM 1001	Presentational Speaking	1			
Total		***16***	***Total***		***16***

SOPHOMORE YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MATH 2502*	Calculus II	4	MATH 2503*	Calculus III	4
MATH 2140*	Introduction to Linear Algebra	3	MATH 3005*	Trans to Adv Mathematics	3
HIST 1112	Survey of Modern History	3	CHEM 1212	Principles of Chemistry II	3
CHEM 1211	Principles of Chemistry I	3	CHEM 1212L	Principles of Chem. II Lab	1
CHEM 1211L	Principles of Chem I Lab	1	EDUC 2120	Exploring Socio-Culture	3
EDUC 2110	Exp.Soc.-Cult.Persp in Ed	3	EDUC 2130	Expl. Teach. & Learning	3
Total		***17***	***Total***		***17***

JUNIOR YEAR					
First Semester			*Second Semester*		
Course	***Title***	***Hours***	***Course***	***Title***	***Hours***
MATH 4250*	Elementary Number Theory	3	MATH 3220	Applied Statistics	3
MATH 3303*	Ord Differential Equations	3	MATH 4231	Modern Geometry	3
MATH 2020*	Discrete Mathematics	3	MATH 3110	Survey of Algebra	3
MATH 3006*	Comm. In Math.	1	SPAN 2002	Intermediate Spanish II	3

EDUC 3030	Exploring-Exceptional Learner	3		EDUC 3200	Sec. Sch. Curr.	3
SPAN 2001	Intermediate Span. I	3				
Total		***16***		***Total***		***15***

SENIOR YEAR						
First Semester				***Second Semester***		
Course	***Title***	***Hours***		***Course***	***Title***	***Hours***
MATH 3100	The History of Mathematics	3		EDUC 4003	Secondary Level Seminar	1
MATH 3520*	Intro to Analysis	3		EDUC 4730	Sec. Level Internship	8
MATH 4050*	Meth. in Teach. Math.	4		MATH 4988*	Directed Research	1
EDUC 3210	Classroom Management	3		MATH 4989	Senior Capstone Project	0
Total		***13***		***Total***		***10***

Minor Program in Mathematics

The objective of the minor is to more fully prepare students for careers in business, computer science and information technology, the science fields, the government, etc. that require a deeper appreciation and a more sophisticated understanding of mathematics than normally found in their major.

MATHEMATICS MINOR PROGRAM REQUIREMENTS

If MATH 1501 is taken in Area D.....17 hours
MATH 1501 Calculus I.....1 hour carry over from Area D
MATH 2140 Introduction to Linear Algebra ..... 3 hours
MATH 2502 Calculus II ..... 4 hours
Approved 3000 or above level courses labeled MATH ..... 9 hours

If MATH 1501 is taken in Area A.....17-18 hours
MATH 1501 Calculus I.....1 hour carry over from Area A
MATH 2140 Introduction to Linear Algebra ..... 3 hours
MATH 2502 Calculus II.....1 hour carry over from Area D
Approved course in MATH or CSCI ..... 3-4 hours
Approved 3000 or above level courses labeled MATH ..... 9 hours

Approved Courses for Minor
MATH 1231 Introduction to Statistics..... 3 hours
MATH 2020 Introduction to Discrete Mathematics..... 3 hours
MATH 2503 Calculus III ..... 4 hours
CSCI 1301 Computer Science I..... 3 hours
CSCI 1302 Computer Science II..... 3 hours
Any MATH course 3000 or above excluding MATH 3010, MATH 3010S, MATH 3020, MATH 3020S, MATH 3030, MATH 3902, MATH 4010, MATH 2020 and MATH 4050.

Total Program Requirements.....**17-18 hours**

School of Graduate Studies

Administrative Officers

Robert A. Vaughan, Jr., Dean

Mission

At Clayton State University, the mission of graduate education is to stimulate, encourage and support efforts that build national distinction and that are characterized by innovations and by increasing contribution to the social, cultural, economic, health and technological development needs of Georgia and the nation. The University is committed to excellence, innovation and collaboration in research and in the preparation of professionals for the highest levels of practice.

Goals for Graduate Education

- To ensure that all graduate students are educated by faculty who are at the forefront of teaching and research in their disciplines.
- To prepare students for leadership in a global society.
- To prepare students to communicate and apply knowledge in ways useful to society.
- To educate students to venture beyond existing boundaries of knowledge.
- To offer programs which are sensitive and responsive to the cultural diversity of the state and of the nation.
- To ensure that institutions will cooperate at all levels to ensure the quality of graduate education.
- To identify pre-college and undergraduate students with high academic potential and encourage them to pursue graduate study.

Role of the Graduate School at Clayton State University

- Articulate a vision of excellence.
- Provide for quality control in graduate education.
- Maintain equitable standards across disciplines.
- Define what graduate education is and is not.
- Bring an institution-wide perspective to post-baccalaureate education.
- Provide an interdisciplinary perspective.
- Enhance the intellectual community of scholars among graduate students and faculty.
- Serve as an advocate for graduate education.
- Emphasize the importance of adequately training future college and university teachers.
- Develop ways for graduate education to contribute to and enhance undergraduate education.
- Support graduate student services.
- Serve as an advocate for issues and constituencies critical to the success of graduate programs.

Graduate Degree Programs

The School of Graduate Studies offers eight graduate degree programs.

Degree Program

Masters of Arts in Liberal Studies (concentrations in Criminology, English, History, Liberal Arts and Politics)	MALS
Master of Arts in Teaching English	MAT
Master of Arts in Teaching Mathematics	MAT
Master of Science in Nursing (concentrations in Education and Leadership)	MSN
Master of Health Administration	MHA
Master of Business Administration (concentrations in Accounting, International Business, and Supply Chain Management)	MBA
Master of Archival Studies	MAS
Master of Science in Psychology (concentrations in Applied Development and Clinical Psychology)	MSP

COURSE DESCRIPTIONS

All academic courses approved for offering by Clayton State University as of press time for this catalog (Fall 2012) are listed below. Listing of a course here does not obligate the University to offer the course in any given semester or academic year. Additional courses may be added during the year and will be reflected on the Clayton State DUCK registration system (www.clayton.edu).

Key to restrictions and symbols:

Prerequisite. This means that a student may not enroll in a course until he or she has passed the listed course(s). In the course descriptions that follow, prerequisites marked (C) require a grade of C or K or better. Only the dean of a school/college or his/her designee may waive a prerequisite.

Corequisite: This means that a student must take both corequisite courses in the same semester. However, if a student makes an acceptable grade in one but not both of the corequisite courses, the student only has to retake the course not satisfactorily completed.

Prerequisite or Corequisite. This means that the student may take the course(s) listed as "prerequisite or corequisite" either before or at the same time as the related courses.

Absolute Corequisite. This means that both "absolute corequisite" courses must be taken at the same time even if one part has previously been satisfactorily completed.

Junior or Senior Standing. To enroll in courses limited by class standing, the student must have completed the requisite number of hours (numbered 1000 or higher) prior to enrolling in the course. Junior standing = 60 hours; Senior standing = 90 hours.

Other restrictions. Some courses will have restrictions in addition to course prerequisites. They may include, but are not limited to, Learning Support, major, program admission, faculty or dean permission, etc. The student must abide by these restrictions.

Recommendations. Some course descriptions contain recommendations. These are not binding on the student, but they do reflect the faculty's advice about wise choices under usual circumstances.

Course Hours. The digits following each course refer to the weekly lecture (didactic) hours, weekly laboratory (practicum, clinical, intern) hours*, and a total semester credit hours respectively. For example, a course listed as 2-3-3 would involve two hours per week of lecture and three hours per week in lab and would carry three hours of credit for the semester. Although online courses do not require actual presence in class (except on a limited basis), students should expect to spend an equivalent amount of time on task. See the Academic Information chapter for additional information on credit hours.

Course Numbers. In general, courses are numbered to reflect the stage at which they are most likely to be taken: 1000 (freshmen), 2000 (sophomore),

3000 (junior), and 4000 (senior). However, presuming that all prerequisites and restrictions have been met, any student may take courses at any level. Upper division courses cannot be used in Areas A-F of the Core Curriculum. (Courses numbered lower than 1000 are remedial in nature and do not count toward graduation, grade point, or hours accumulation.)

Career Courses. The courses in some headings are identified as "career" courses. These courses do not normally count toward a baccalaureate degree (including as electives) except when they are included in the career block of a B.A.S. degree. Any exceptions to this rule must be approved in advance by the dean of the school/college of the student's major. (Note: Courses in Information Technology [e.g., ITFN and ITSK] are not career courses for purposes of this policy.)

Institutional Credit. Courses identified as "institutional credit only" do not count in the semester hours needed for graduation. Passing such courses may, however, sometimes be a requirement for graduation. Normally such courses do not transfer to other institutions, but the final decision on transferability rests with the receiving institution.

Accounting (ACCT)

ACCT 2101 - Principles of Financial Accounting (3-0-3)

Introduction to the concepts, principles, and procedures pertaining to the preparation, analysis, and interpretation of income statement, retained earnings statement, balance sheet, and cash flow statements for service and merchandising companies with introduction to the measurement of inventory, receivables, liabilities, long-term assets, and stockholders' equity.

Prerequisite(s): MATH 1101 (D) or MATH 1111 (D) or higher based upon Math placement scores.

ACCT 2102 - Principles of Managerial Accounting (3-0-3)

Introductions to the concepts, techniques, and procedures pertaining to the preparation, analysis, and interpretation of accounting information for use by managers for planning, control, and other business decisions with emphasis on product costing, cost analysis, cost volume profit analysis, budgeting, standard costing, performance measurement relevant cost for non-routine decisions, and analysis of financial statements.

Prerequisite(s): ACCT 2101 (C), MATH 1101 or MATH 1111 or higher based upon Math placement scores.

ACCT 3110 - Managerial Cost Accounting (3-0-3)

Cost accounting principles and techniques applied to job order and process types of industry, planning and control of the elements of production costs, and preparation of internal cost reports for management in manufacturing and ot her environments. Continues standard costing concepts and variance analysis applied in the principles of managerial accounting course, ACCT 2102. Use of cost information for business policy implementation and management purposes is stresses, as well as current cost topics. Prerequisite(s): ACCT 2102 (B) and admission to the College of Business.

ACCT 3250 -Taxation of Individuals (3-0-3)

Analysis of basic concepts of federal taxation of individuals, including income, exclusions, deductions, credits, passive losses, and property transactions.

Prerequisite(s): ACCT 2101 (C) or ACCT 2102 (C) and admission to the College of Business.

ACCT 3351 - Intermediate Financial Accounting I (3-0-3)
An in-depth analysis of recording, reporting, and disclosure issues for external analysis in the contemporary firm. Accounting theory and current professional standards are stressed. Content emphasis on asset creation, impairment, allocation, and disposal with corresponding income determination. Prerequisite(s): ACCT 2101 (B) and admission to the College of Business.

ACCT 3352 - Intermediate Financial Accounting II (3-0-3)
A continuation of ACCT 3351 with emphasis on the measurement, recording and reporting of debt and equity and the interdependencies of change effects on income determination. Accounting changes and adjustments and the related impact of professional pronouncements and information transparency are stressed.. Prerequisite(s): ACCT 3351 (C).

ACCT 4110 - Advanced Managerial Cost Accounting (3-0-3)
A continuation of ACCT 3110 (Managerial Cost Accounting) with emphasis on the advanced and emerging issues pertaining to the nature, objectives and procedures of cost analysis and control; theories of cost allocation; and uses of accounting information for decision making.
Prerequisite(s): ACCT 3110 (C).

ACCT 4210 - Volunteer Income Tax Preparation Program (3-0-3)
Students will be involved in all aspects of tax planning and preparation, and in program administration. Students will also participate in presentations in conjunction with Earned Income Tax Credit Day, and will prepare a memorandum dealing with a tax preparer ethical issue.
Prerequisite(s) ACCT 3250 (C)

ACCT 4250 - Taxation of Business Entities (3-0-3)
Primary emphasis is on C and S corporations and partnerships. Basic analysis of planning and compliance of most forms of corporate and partnership organization, operations, mergers, and dissolutions. Business planning is also considered. Prerequisite(s): ACCT 3250 (C).

ACCT 4330 - Accounting Information Systems (3-0-3)
Introduction to the operation and development of accounting information systems, e-business applications, and internal controls, Financial and managerial accounting concepts and procedures are extended into business information systems. Tracking accounting cycles by mapping with logical data flows and related diagrams and hands-on experience with computers is emphasized.
Prerequisite(s): ACCT 3351 (C), ACCT 3110 (C) and ability to use Excel and Access software

ACCT 4352 - Advanced Financial Accounting (3-0-3)
A continuation of ACCT 4352 with emphasis on financial reporting topics encountered in current practice. The theory of the firm is explored relative to investing and financing accountability and other issues of business combinations and divestiture. Special purpose and variable interest entities and their related reporting and disclosure impact are stressed. Selected topics in international accounting are introduced. Practice applications with integrated financial, managerial, and income tax accounting cases may be included. Prerequisite(s): ACCT 3352 (C).

ACCT 4440 - Governmental and Non-Profit Accounting (3-0-3)
This course covers financial and managerial accounting and reporting for Federal, State and local governments and non-governmental non-profit organizations such as hospitals and universities. Accounting information systems concepts and auditing of these organizations are also included.
Prerequisite(s): ACCT 3351 (C).

ACCT 4480 - Auditing and Assurance Services (3-0-3)
A study of the theory and practice of auditing and assurance services. Topics include the accounting profession, ethics, errors, irregularities, illegal acts and related liability,

accounting and review standards, and auditing standards and procedures. Students experience workpaper development, test work, and report letter drafting. Risk and cycles, internal control, technology applications, and sampling approaches are emphasized to achieve desired objectives and enhance the quality of external communications required in the contemporary practice environment.
Prerequisite(s): ACCT 3250 (C), ACCT 3352 (C), ACCT 4330 (C).

ACCT 4800 - Selected Topics in Accounting (3-0-3)
A detailed examination of selected topics in the profession of Accounting. May be repeated when topics vary.
Prerequisite(s): Admission to the College of Business and permission of instructor.

ACCT 4850 - Accounting Internship/Cooperative Education (Variable Credit)
Individually designed learning program involving accounting field experience in private, public, or education sector. Program of study and student supervision must be approved by the Dean of Business or designee and Director of Experiential Learning. May be repeated for credit.
Prerequisite(s): Admission to the College of Business.

ACCT 4900 - Independent Study/Directed Research and Readings (Variable Credit)
Special work arranged in consultation with instructor. Requires approval of the Dean or Associate Dean.
Prerequisite(s): Admission to the College of Business and permission of instructor.

African American Studies (AFAM)

AFAM 2010 - Introduction to African American Studies (3-0-3)
A course that introduces the field of African America Studies by focusing on social sciences, historical studies, literary studies, religious studies, and the arts, both music and visual art.

AFAM 3100 - Harlem Renaissance (3-0-3)
This course will explore the history, literature, music and art of the Harlem Renaissance.
Prerequisite: AFAM 2010.

AFAM 3200 – Black Arts Movement (3-0-3)
A course focusing on the history, literature, culture, and art of the Black Arts Movement.
Prerequisite: AFAM 2010

Art (ART)

ART 1101 - Drawing I (3-0-3)
As the first course in drawing, drawing I provides a systematic study in the basic concepts skills in drawing, through traditional approaches to contemporary visual languages. By working from direct observation, students will demonstrate through in-class exercises and formal assignments an understanding of the basic skills and concepts.

ART 1102 - Drawing II (3-0-3)
A continuing study of the planar relationships between objects, with anatomy and improvement of drawing skills being the primary focus. The emphasis will be on wet drawing media.

ART 1104 - 2-D Design/Color Theory (3-0-3)
This course develops students' understanding of the various organizations in designing for the 2-D surface. Basic elements of design, such as line, shape, value, texture, color contrast and color composition, as well as principles of design, such as unity and variety, balance, repetition, rhythm, movement and emphasis.

ART 1301 - 3-D Design (3-0-3)
This course is dedicated to the study of design in the three dimensions–space and volume. Students work with a variety of media to learn how to manipulate, construct and analyze 3-D forms and space.
Prerequisite: Drawing I.

ART 2001 - Painting Studio I (3-0-3)
This course is an introduction to painting and focuses on basic skill in oil, watercolor, and acrylic. Students learn various painting techniques and study color theory and design as they apply to painting.
Prerequisite(s): ART 1101.

ART 2301 - Art of the Pre-Modern World (3-0-3)
A survey of world art from prehistoric times through approximately 1600, viewed in both historical and contemporary perspective. Critical thinking and communication skills are emphasized. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]

ART 2302 - Art of the Modern World (3-0-3)
A Survey of world art from approximately 1600 through the present day, viewed in both historical and contemporary perspective. Critical thinking and communication skills are emphasized. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]

ART 2303 – Art of the Non-Western World (3-0-3)
A survey of early non-western art, including African, Asian, Islamic, Mesoamerican and Andean, Native American, and Oceanic art, viewed in historical perspective.

ART 3001 – Oil Painting (3-0-3)
This course explores various visual ideas of oil painting based on students' research of the history of painting from the eighteenth century to the present day. The class examines both traditional and contemporary applications of painting. Through systematic learning techniques and research of classical and contemporary painting, students develop an understanding of formal concerns as well as representational and non-representational oil painting skills.
Prerequisite: ART 1101

ART 3101 - The Visual Arts & Society (3-0-3)
A topical or thematic approach to the study of the networks of relationship between works in the visual arts and the social structures in which those works are created and interpreted, considering both historical and contemporary perspectives. Critical thinking and communication skills are emphasized.
Prerequisites: ENGL 1102. Completion of CRIT 1101 and Area C recommended.

ART 3310 – 19th- and 20th-Century Art (3-0-3)
A survey of western art throughout the nineteenth and twentieth centuries, viewed through a historical perspective. Completion of CRIT 1101 and Area C recommended.

ART 3401 - American Art Visions (3-0-3)
A Survey of American Art from the foundation of American identity within the New World - Colonial era, through the multiple trends and identities of Modern America.
Prerequisites: ENGL 1102. Completion of CRIT 1101 and Area C recommended.

ART 4900 – Independent Study: Studio Art
This course explores the use of traditional and nontraditional materials, installations, and new technologies for creative production and expression. Emphasis is placed on the using of cross-media, such as traditional painting, sculpture, and digital media.
Prerequisites: ART 1101 (C); one of: ART 1104, 1301, 2001 (C).

Astronomy (ASTR)

ASTR 1010 – Solar System Astronomy (3-0-3)
Astronomy from early ideas of the cosmos to modern observational techniques. The solar system planets, satellites, and minor bodies. The origin and evolution of the solar system. This course is equivalent to SCI 1901A. A student may not receive credit for both ASTR 1010 and SCI 1901A.
Prerequisite(s): Exemption or exit from Math 0099.

ASTR 1020 – Stellar and Galactic Astronomy (3-0-3)
The study of the Sun and stars, their physical properties and evolution, interstellar matter, star clusters, our galaxy and other galaxies, and the origin and evolution of the Universe.
Prerequisite(s): ASTR 1010
Corequisite(s): ASTR 1020L.

ASTR 1020L - Astronomy Laboratory (0-2-1)
A series of laboratories designed to measure the physical properties of planets, stars, and galaxies. Corequisite(s): ASTR 1020.

AVIATION (AVIA)

AVIA 3120 - Fleet Planning and Scheduling (3-0-3)
This course provides a survey of the processes of airline fleet planning and scheduling with a focus on understanding the overall impact of sound fleet planning techniques and the complexity of airline scheduling as it pertains to administrative decisions. (formerly TECH 3120).

AVIA 3130 - Leadership in the Aviation Industry (3-0-3)
This course provides a survey of the traditional functions of aviation administration with a primary focus on air transportation regulators, airline certification, management and organization, forecasting methods, marketing, scheduling, fleet planning, labor relations, financing and international aviation.(Formerly TECH 3130)

AVIA 3140 – Aviation Safety (3-0-3)
This course discusses and analyzes problems and issues of aviation safety including aircraft accidents, their cause, effect and the development of safety programs and procedures. T he course will expose the students to pertinent terms and study individual cases where both successful and unsuccessful steps were taken.
Prerequisite: AVIA 3130 with a C or better.

AVIA 4120 - Introduction to Airport Operations (3-0-3)
Introduction to airport operations with a broad focus on the history and growth in aviation systems an facilities operation.(Formerly TECH 4120)

AVIA 4130 - Aviation Labor Relations (3-0-3)
Students are introduced to some of the many policies and procedures connected with Aviation Labor Relations with emphasis on the air transport labor laws in the United States as well as the impact of government intervention (legislation). Additional topics addressed will include introduction to transportation policy, collective bargaining genesis, major collective bargaining legislation, organized labor (Union) policies and

procedures, negotiating union agreements, and grievances and their procedures. (Formerly TECH 4130)

Biology (BIOL)

BIOL 1107 - Principles of Biology I (3-0-3)
An introductory biology course designed for science majors which includes chemistry, cell structure and function, cell division, molecular genetics, Mendelian genetics, evolution, plant and animal systematics, and ecology.
Prerequisite(s): Exemption or exit from Math 0099.
Corequisite(s): BIOL 1107L with a grade of C or higher.

BIOL 1107L - Principles of Biology Laboratory I (0-3-1)
Laboratory accompanying BIOL 1107.
Corequisite(s): BIOL 1107 with a grade of C or higher.

BIOL 1108 - Principles of Biology II (3-0-3)
A continuation of BIOL 1107.
Prerequisite(s): BIOL 1107 with a grade of C or higher and BIOL 1107L with a grade of C or higher.
Corequisite(s): BIOL 1108L with a grade of C or higher.

BIOL 1108L - Principles of Biology Laboratory II (0-3-1)
Laboratory accompanying BIOL 1108 with a grade of C or higher.
Corequisite(s): BIOL 1108 with a grade of C or higher.

BIOL 1111 - Introductory Biology I (3-0-3)
The biology sequence covers basic and biological chemistry, cellular organization and function, cell division, bioenergetics, and organ system physiology as well as Mendelian genetics, basic statistics, developmental biology, molecular genetics, biotechnology, ecology, and evolution.
Prerequisite(s): Exemption or exit from MATH 0099.
Corequisite(s): BIOL 1111L.

BIOL 1111L - Introductory Biology Laboratory (0-2-1)
Laboratory accompanying BIOL 1111.
Corequisite(s): BIOL 1111.

BIOL 1112 - Introductory Biology II (3-0-3)
Continuation of Introductory Biology I.
Prerequisite(s): BIOL 1111 and 1111L.

BIOL 1151 - Human Anatomy and Physiology I (3-0-3)
A study of the structure and functions of the human body most pertinent to students in the health sciences. T opics typically included are the study of body organization, principles of support and movement, and introduction to body maintenance. Note: this course does not fulfill the Core Curriculum laboratory science requirement under Area D.
Prerequisite(s): CHEM 1511 with a grade of C or higher, or CHEM 1211 with a grade of C or higher, or BIOL 1111 with a grade of C or higher, or BIOL 1107 with a grade of C or higher.
Corequisite(s): BIOL 1151L.

BIOL 1151L - Human Anatomy and Physiology Laboratory I (0-2-1)
Laboratory accompanying BIOL 1151.
Corequisite(s): BIOL 1151.

BIOL 1152 - Human Anatomy and Physiology II (3-0-3)
A continuation of BIOL 1151 which typically includes study of control systems of the body, maintenance systems and continuity.

Prerequisite(s): BIOL 1151 with a grade of C or higher and BIOL 1151L.
Corequisite(s): BIOL 1152L.

BIOL 1152L - Human Anatomy and Physiology Laboratory II (0-2-1)
Laboratory accompanying BIOL 1152.
Prerequisite(s): BIOL 1151 and BIOL 1151L
Corequisite(s): BIOL 1152.

BIOL 2250 - Microbiology for the Health Sciences (3-0-3)
A study of the morphology, growth, modes of transmission and relationship to diseases of pathogenic micro-organisms. This course is useful to students enrolled in programs in the health sciences.
Prerequisite(s): BIOL 1151 with a grade of C or higher and BIOL 1151L.
Corequisite(s): BIOL 2250L.

BIOL 2250L - Microbiology for the Health Sciences Laboratory (0-3-1)
Laboratory accompanying BIOL 2250.
Corequisite(s): BIOL 2250.

BIOL 2500 - Introductory Plant Biology (2-0-2)
Survey of the plant kingdom with greatest emphasis on structure and function of angiosperms.
Prerequisite(s): BIOL 1107 with a grade of C or higher, and BIOL 1107L with a grade of C or higher, BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher.

BIOL 3200 - Cell Biology (3-0-3)
An exploration of life's basic unit. Students will examine the cell from both structural and functional viewpoints. The fundamentals of cellular chemistry, life cycles, and regulation will be discussed. Seminal experiments in cell biology will be examined, and current studies in primary research journals will be addressed. Students will gain an understanding of how contemporary methods of laboratory experimentation are being used to unravel the mysteries of life's irreducible unit.
Prerequisite(s): BIOL 1107 with a grade of C or higher, and BIOL 1107L with a grade of C or higher, BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher, CHEM 2412/2412L, can be taken concurrently.

BIOL 3201 - Genetics (3-0-3)
A study of Mendelian principles, molecular genetics and population genetics. The cellular and molecular mechanisms of inheritance, gene expression and influences on evolution are included.
Prerequisite(s): BIOL 1107 with a grade of C or higher , and BIOL 1107L with a grade of C or higher , BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher.

BIOL 3222 - Off-Campus Internship (3-0-3)
Internship program for selected students who perform supervised biological work in conjunction with professionals at local government, academic or private institutions. Employers coordinate with the University to evaluate student performance in the workplace. Students will be assigned a grade of Satisfactory or Unsatisfactory after completion of the internship.
Prerequisite(s): BIOL 1107 with a grade of C or higher, and BIOL 1107L with a grade of C or higher, BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher, and consent of the head of the department of Natural Sciences.

BIOL 3223-On-Campus Internship (3-0-3)
This is an internship program for selected students who will perform supervised work related to biology and/or pedagogy in conjunction with biology faculty at Clayton State University. Students will be assigned a grade for this course based on an evaluation by the faculty supervisor.

Prerequisite(s): BIOL 1107 with a grade of C or higher, and BIOL 1107L with a grade of C or higher, BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher and consent of the head of the department of Natural Sciences.

BIOL 3224 – Introductory Research (3-0-3)

This course is a supervised introductory research experience with Biology faculty at Clayton State University. Students must articulate clear project goals and objectives. Students will learn to demonstrate use of scientific literature, and document their progress using a research notebook. The project will be summarized in a written research paper and an oral presentation to the department faculty. Students will be assigned a grade for this course based on evaluation by the supervisor and other CSU faculty.

Prerequisite(s): BIOL 1107 with a grade of C or higher, and BIOL 1107L with a grade of C or higher, BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher and consent of the head of the department of Natural Sciences.

BIOL 3250 - Introductory Microbiology (3-0-3)

Single celled organisms have always been the most populous form of life. This course explores the complex lives of these simple organisms. Students will examine biochemical, genetic and pathological aspects of microbiology. Industrial, ecological, and cultural aspects of human microbiology will be addressed.

Prerequisites: B BIOL 1107 with a grade of C or higher, and BIOL 1107L with a grade of C or higher, BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher,

and CHEM 2412/2412L(can be taken concurrently).

Corequisite(s): BIOL 3250L.

BIOL 3250L - Introductory Microbiology Lab (0-3-1)

Laboratory experiences which address topics including, sterile technique, microscopy, identification of microorganisms, microbial metabolism, and microbial genetics.

Corequisite(s): BIOL 3250.

BIOL 3300 - Vertebrate Natural History (3-0-3)

The behavior, ecology, and evolution of vertebrate animals.

Prerequisite(s): BIOL 1107 with a grade of C or higher , and BIOL 1107L with a grade of C or higher , BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher.

BIOL 3320 - Invertebrate Zoology (3-0-3)

Invertebrate Zoology includes the study of the different phyla of invertebrates; their anatomy and p hysiology and evolutionary relationships. Invertebrate behavior and their interactions within different ecosystems will be examined.

Prerequisites: BIOL 1107 with a grade of C or higher, and BIOL 1107L with a grade of C or higher, BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher.

BIOL 3340 - Entomology (3-0-3)

This course will cover insect taxonomy, morphology, and physiology with a focus on those insects most commonly found in our environment. It will also explore how insect morphology and physiological systems function in producing and shaping such insect behavior as navigation, reproduction, feeding, oviposition, defense, learning, and sociality.

Prerequisite: BIOL 1107 with a grade of C or higher, and BIOL 1107L with a grade of C or higher, BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher.

BIOL 3375 - Animal Behavior (3-0-3)

This course will focus on observations of animal behaviors and introductory analysis of their adaptive value and evolution. This course will also include a comparative study of mechanisms, ontogeny, function, and evolution of behavior in its ecological and social contexts.

Prerequisite(s): BIOL 1107 with a grade of C or higher, and BIOL 1107L with a grade of C or higher, BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher.

BIOL 3380 - Evolution and Population Biology (3-0-3)
Principles of evolutionary biology including discussions of natural selection, adaptation, population genetics, speciation, and phylogeny reconstruction. The applications of evolutionary biology to areas such as conservation biology, medicine, and agricultural are discussed.
Prerequisite(s): BIOL 1107 with a grade of C or higher, and BIOL 1107L with a grade of C or higher, BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher.

BIOL 3500 - Ecology (3-0-3)
The environment is made of both living and n on-living components. This course examines the relationships between these various components in the biosphere. Students will learn how complex natural cycles and chains can be perturbed by small disturbances, and conversely, how life adapts to these changes.
Prerequisite(s): BIOL 1107 with a grade of C or higher or BIOL 1111 with a grade of C or higher, BIOL 1107L with a grade of C or higher or BIOL 1111L with a grade of C or higher, BIOL 1108 with a grade of C or higher or BIOL 1112 with a grade of C or higher; MATH 1231.

BIOL 3500L - Ecology Laboratory (0-3-1)
Laboratory to accompany BIOL 3500, Ecology.
Prerequisite(s): BIOL 3500 (can be taken concurrently).

BIOL 3550 – Tropical Ecology (3-0-3)
This study abroad course covers major tropical ecotypes and encompasses the ecology of terrestrial, aquatic, and marine tropical organisms. Emphasis will be on coral reef ecosystems, including taxonomy and identification of common invertebrates and vertebrates found in the Caribbean basin. Issues pertaining to coral reef conservation will be discussed. The majority of the course will take place at the Gerace Research Centre on the island of San Salvador in the Bahamas.
Prerequisite(s): BIOL 1107 with a grade of C or higher, and BIOL 1107L with a grade of C or higher, BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher.

BIOL 3650 - Comparative Vertebrate Anatomy (3-0-3)
A experiment-based study of selected vertebrate phyla with emphasis on gross anatomy, microscopic anatomy and phylogeny.
Prerequisite(s): BIOL 1107 with a grade of C or higher , and BIOL 1107L with a grade of C or higher , BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher.
Corequisite(s): BIOL 3650L.

BIOL 3650L - Comparative Vertebrate Anatomy Laboratory (0-3-1)
Laboratory accompanying BIOL 3650.
Corequisite(s): BIOL 3650.

BIOL 3720 - Plant Taxonomy (2-2-3)
Plant Taxonomy will explore the relationships between major plant families, the naming and classification of plants, plant identification procedures, and the relevance of plant taxonomy to other fields of science. The plants of Georgia will be a focus of this course.
Prerequisite: BIOL 2500

BIOL 3740 – Economic Botany (3-0-3)
Economic Botany explores the intimate relationship between plants and our lives. Topics that will be covered in this course include our use of plants as medicines, food, beverages, and textiles. We will also explore our use of plants in ornamental gardening and forensics.

Prerequisite(s): BIOL 1107 with a grade of C or higher, and BIOL 1107L with a grade of C or higher, BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher.

BIOL 4100 - Animal Physiology (3-0-3)
This course will examine animal physiology from four different perspectives. It will examine the mechanism that underlies different functions, the evolutionary origins of particular functions, how different animals perform similar functions, and h ow the environment an an imal lives in impacts how they carry out particular functions. This course will explore physiology in a wide range of both invertebrate and vertebrate animals with a focus on food and energy, integrating systems, muscular systems, oxygen and carbon dioxide physiology, and water and salt physiology. The course will include modules that will explore in depth animal models that integrate physiology presented in the course. Prerequisite(s): BIOL 3650 and 3650L and BIOL 3200.

BIOL 4100L - Animal Physiology Laboratory (0-3-1)
This laboratory course is complementary to the Animal Physiology lecture course, and allows students to perform lab exercises that reinforce basic and fundamental principles of physiology that are discussed in lecture. Course modules will include exercises that examine cell physiology, muscle physiology, cardiovascular physiology, respiratory system, and nervous system.
Prerequisite(s) or Corequisite(s): BIOL 4100

BIOL 4120 - Neurobiology (3-0-3)
This class is an in-depth discussion of the biology of the nervous system. Topics include neuronal structure and function, communication at the synapse (electrical and action potentials), membrane receptors and intra- and intercellular signaling systems, gene regulation, gross organization of the brain and spinal cord, the processing of sensory information and development of the nervous system.
Prerequisite: BIOL 3200.

BIOL 4160 - Endocrinology (3-0-3)
Endocrinology is the study of hormones and their pervasive effects on physiology. This course will cover the major endocrine systems, and the effects of different hormones on cellular and organismal levels of physiology. This course includes lectures, classroom discussion of research papers, and student participation.
Prerequisite(s): BIOL 3200 and 4100.

BIOL 4202L - Biotechnology Laboratory (0-6-3)
An experiment-based course in which students use DNA technology to explore topics such as DNA fingerprinting, cloning, DNA amplification, genetic therapies, sex determination, inheritance and paternity, and human genetic disease.
Prerequisite(s): BIOL 3250/3250L and BIOL 3201.

BIOL 4222 - Biology Research Practicum (3-0-3)
Research experience for students in Biology. Practicum assignments must be approved by the student's major advisor and the Center for Experiential Learning. Course may be repeated for credit.
Prerequisite(s): BIOL 1107 with a grade of C or higher, and BIOL 1107L with a grade of C or higher, BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher, CHEM 2412/2412L, MATH 1231 with a grade of C or higher, and consent of the head of the department of Natural Sciences.

BIOL 4325 - Parasitology (3-0-3)
A study of the basic principles of parasitism and the morphology, taxonomy, and life cycles of important parasites of humans and other vertebrates.
Prerequisites: BIOL 3650 and BIOL 3650L.

BIOL 4330 - Developmental Biology (3-0-3)
This class will study cell differentiation and development using the tools of molecular genetics and cell biology. Some selected topics to be investigated are

gametogenesis, fertilization, cell and tissue interactions and normal embryonic development.
Prerequisite: BIOL 3200.

BIOL 4420 - Histology (3-0-3)
This course will cover the microscopic structure of mammalian tissues and organs. Students will be taught how to recognize, using a light microscope, various tissues and organs. Emphasis will be placed on the relationship between the structure and functions of various tissues. The first part of the course will introduce basic histological procedures. This will include tissue and slide preparation. This is a junior or senior level intensive microanatomy course.
Prerequisite: BIOL 4100.

BIOL 4450 - Immunology (3-0-3)
This course will include a comprehensive overview of the immune system and its functions within the context of cell to cell interaction and communication.
Pre-Requisites: BIOL 3200 with a minimum US grade of D.

BIOL 4460 - Virology (3-0-3)
This course will focus on animal viruses and will discuss basic concepts in virology including viral taxonomy, structure, entry/exit, replication, quantitation, genetics, pathogenesis, and virus-host interaction. This course will use a textbook and the primary literature as course materials.
Prerequisite(s): BIOL 3200 and BIOL 3201.

BIOL 4500 - Biology Seminar (0-2-1)
Experts from industry, government and academe address current topics in Biology. Students enrolled in the seminar prepare for the talks by performing electronic literature searches and submitting questions for the speakers. This course gives students the opportunity to meet with and question experts in the field. Examinations and projects are based on seminar topics.
Prerequisite(s): BIOL 1108/1108L, CHEM 2412/2412L, MATH 1231.

BIOL 4600 - Medical Microbiology(3-0-3)
This course will cover the principles of microbial virulence. It will include the identification of virulence factors, genetic regulation of virulence, and the complex interactions between bacterial, viral and fungal pathogens and their hosts.
Prerequisite(s): BIOL 1107 with a grade of C or higher, and BIOL 1107L with a grade of C or higher , BIOL 1108 with a grade of C or higher and BIOL 1108L with a grade of C or higher, CHEM 2412/2412L, MATH 1231 with a grade of C or higher.

BIOL 4620 - Applied and Environmental Microbiology (3-0-3)
This course is designed to expose students to the importance of microorganisms in industrial processes and in the environment. The course will also focus on the applications of microorganisms to solve environmental problems and public health aspects of environmental microbiology.
Prerequisites: BIOL 3250 and BIOL 3250L
Co-requisite: BIOL 4620L

BIOL 4620L - Applied and Environmental Microbiology Laboratory (0-3-1)
Laboratory exercises focus on microbial growth, interactions between microorganism, microbial community analysis, impacts of environmental factors on microbial communities and use in industrial applications such as food production and sewage treatment.
Prerequisites: BIOL 3250 and BIOL 3250L
Co-requisite: BIOL 4620

BIOL 4630 - Mycology (3-0-3)
The focus of this course is the taxonomy, structure, and function of the members of the Kingdom Fungi.
Prerequisites: BIOL3250 and BIOL3250L

BIOL 4700 – Special Topics in Biology (Variable)
Selected advanced topics of current interest in biology. This course will be offered as fits the needs and interests of the students and faculty. Course may be repeated for credit if topics are different.
Prerequisites: Vary with the course.

BIOL 4900 – Biocomputing (3-0-3)
The human genome project and the web revolution present new challenges and opportunities for biologists and biochemists. The only way to deal effectively with the information explosion in biology and related disciplines is to use computers. Students in this course will use computer applications to search databases, perform calculations, and develop models concerning biological problems. This course is considered a capstone course for the biology degree program. A student may not receive credit for both BIOL 4900 and CHEM 4900.
Pre-Requisites: BIOL 3250, BIOL 3250L, , BIOL 3201 and MATH 1231.

BIOL 4920 - Aquatic Ecology (2-2-3)
Relationships between organisms and their environment within freshwater streams, rivers, ponds, lakes, and wetlands.
Prerequisites: BIOL 2500 and BIOL 3500

BIOL 4930 - Environmental Toxicology (3-0-3)
This course will establish the scientific principles underlying the toxic actions of various substances and will introduce the various challenges within the field of toxicology. The chemical nature of injurious substances, their uptake and metabolism by non-target organisms, and their mode of toxic action will be studied in addition to the methods used in safety evaluations and risk assessment.
Prerequisites: BIOL 3200

BIOL 4999A - Senior Evaluation (0-0-0)
The purposes of this class are to assess the biology degree program and to assist students in seeking employment or further schooling. Students are required to attend three class meetings. Students will participate in a seminar on how to prepare for job searches and graduate and/or professional school. Students will complete a series of surveys to assess the quality of the biology degree program. Students will take a two-hour standardized subject test in biology to assess their knowledge in biology. Students will also participate in an individually scheduled senior exit interview.
Prerequisites: Graduating senior, BIOL 3200, BIOL 3250, BIOL 3250L, BIOL 3380, BIOL 3500, BIOL 3500L, BIOL 3650, BIOL 3650L, BIOL 4100, BIOL 3201, CHEM 4202, Departmental Approval.

BIOL 4999B - Senior Evaluation (0-0-0)
The purposes of this class are to assess the biology degree program and to assist students in seeking employment or further schooling. Students are required to attend two class meetings. Students will participate in a seminar on how to prepare for job searches and graduate and/or professional school. Students will complete a series of surveys to assess the quality of the biology degree program. Students will also participate in an individually scheduled senior exit interview.
Prerequisite: Graduating senior, Departmental Approval.

Business (BUSA)

BUSA 3101 - Business Statistics (3-0-3)
Application of statistical techniques to business problems. Includes descriptive statistics, business forecasting, statistical inference, and regression. Computer software used in this course.
Prerequisite(s): Admission to the College of Business, MATH 1231 (C).

BUSA 3700 - Business Ethics and Corporate Social Responsibility (3-0-3)
This case study course requires students to analyze a variety of complex business situations and to form and justify plausible decision alternatives that reflect ethical concepts, concern for multiple stakeholder groups, and a range of decision-making criteria, processes, and outcomes.
Prerequisite(s): MGMT 3101 (C).

BUSA 3800 - Selected Topics in Business (3-0-3)
An examination of selected topics pertinent to the field of business. May be repeated when topics vary.

BUSA 4446 - Managerial Economics (3-0-3)
Microeconomic topics applicable to understanding and analyzing firm behavior; optimization, demand, estimation, production, and cost theory. Application to business problems.
Prerequisite(s): ECON 2105 (C) and ECON 2106(C) or TECH 3111 (C) or BUSA 3111 (C) BSUR 3111 (C).

BUSA 4850 - Internship/Cooperative Education (Variable Credit)
Individually designed learning program involving field experience in private or public sector. Program of study and student supervision must be approved by the Dean of Business or designee and Director of Experiential Learning. May be repeated for credit.
Prerequisite(s): Admission to the College of Business.

BUSA 4900 - Independent Study/Directed Research and Readings (Variable Credit)
Special work arranged in consultation with instructor. Requires approval of the Dean or Associate Dean.
Prerequisite(s): Admission to the College of Business.

Business Law (BLAW)

BLAW 2106 - Legal Environment of Business (3-0-3)
An introduction to the legal, regulatory, political, social, ethical, culture, environmental, and technological issues which form the context for business. The course will include an overview of the impact of demographic diversity on organizations.
Prerequisites: Exempt or exit Learning Support.

BLAW 3370 - Intermediate Business Law (3-0-3)
A study of legal aspects of contracts, sales contracts, negotiable instruments agency, partnerships, corporations, and property for the purpose of expanding the student's understanding of the legal rights and liabilities in the ordinary course of business.
Prerequisite(s): BLAW 2106 (C), or BUSA 2106 (C).

Career Planning (CAPL)

CAPL 1000 - Career Planning (2-0-2)
Provides opportunity to develop career decision-making skills through exploration of the processes of self-assessment, research, planning, and marketing.

Chemistry (CHEM)

CHEM 1151 - Survey of Chemistry I (3-0-3)
First course in a two-semester sequence covering elementary principles of general, organic and biochemistry designed for allied health science majors (this course is also

is open to non-science majors). T opics to be covered include elements and compounds, chemical equations, nomenclature, and molecular geometry.
Prerequisite(s): Exemption or exit from MATH 0099.
Corequisite(s): CHEM 1151L.

CHEM 1151L - Survey of Chemistry Laboratory I (0-2-1)
Laboratory accompanying CHEM 1151.
Corequisite(s): CHEM 1151.

CHEM 1152 - Survey of Chemistry II (3-0-3)
Second course in a two-semester sequence covering elementary principles of general, organic and biochemistry designed for allied health science majors (This course is also open to non-science majors).
Prerequisite(s): CHEM 1151 and 1151L.
Corequisite(s) for selected Health Science majors only: CHEM 1152L.

CHEM 1152L - Survey of Chemistry Laboratory II (0-2-1)
Laboratory accompanying CHEM 1152 for selected Health Science majors only.
Corequisite(s): CHEM 1152.

CHEM 1211 - Principles of Chemistry I (3-0-3)
First course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Topics to be covered include composition of matter, stoichiometry, periodic relations, and nomenclature.
High School Chemistry is required for this course. Students who have not taken Chemistry in High School, and who desire to take CHEM 1211, must first take and pass CHEM 1151 and CHEM 1151L.
Pre-requisites: MATH 1112A with a minimum US grade of D (can be taken concurrently), or MATH 1113 with a minimum US grade of D (can be taken concurrently), or MATH 1501 with a minimum US grade of D (can be taken concurrently).
Co-requisites: CHEM 1211L

CHEM 1211L - Principles of Chemistry Laboratory I (0-3-1)
Laboratory accompanying CHEM 1211.
Corequisite(s): CHEM 1211.

CHEM 1212 - Principles of Chemistry II (3-0-3)
Second course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors.
Prerequisite(s): CHEM 1211 with a grade of C or higher and CHEM 1211L with a grade of C or higher.
Corequisite(s): CHEM 1212L.

CHEM 1212L - Principles of Chemistry Laboratory II (0-3-1)
Laboratory accompanying CHEM 1212.
Corequisite(s): CHEM 1212.

CHEM 2411 - Organic Chemistry I (3-0-3)
A study of the common classes of carbon compounds, including their physical and chemical properties, methods of preparation, and reactions utilizing modern theories of electronic structure and reaction mechanisms.
Prerequisite(s): CHEM 1212 with a grade of C or higher and CHEM 1212L with a grade of C or higher.
Corequisite(s): CHEM 2411L.

CHEM 2411L - Organic Chemistry Laboratory I (0-3-1)
Laboratory accompanying CHEM 2411.
Corequisite(s): CHEM 2411.

CHEM 2412 - Organic Chemistry II (3-0-3)
A continuation of Chemistry 2411 which focuses on functional groups and their reactions.
Prerequisite(s): CHEM 2411 with a grade of C or higher and CHEM 2411L with a grade of C or higher.
Corequisite(s): CHEM 2412L.

CHEM 2412L - Organic Chemistry Laboratory II (0-3-1)
Laboratory accompanying CHEM 2412.
Corequisite(s): CHEM 2412.

CHEM 2500 – Sophomore Chemistry Seminar (2-0-2)
An introduction to the chemical literature and research. Opportunities and procedures (including laboratory safety) for participation in research with Clayton State University faculty will be presented. Resources and methods for searching the chemical literature will be discussed. Written and oral communication and technology-enhanced presentation skills will be emphasized.
Prerequisite(s): CHEM 1212 with a grade of C or higher and CHEM 1212L with a grade of C or higher.

CHEM 3202—Introductory Biochemistry (3-0-3)
An introduction to the chemistry of biological systems. Topics include proteins, enzymes, carbohydrates, lipids and metabolism pathways. A student may not receive credit for both CHEM 3202 and CHEM 4202.
Prerequisite(s): CHEM 2412 with a grade of C or higher and CHEM 2412L with a grade of C or higher.

CHEM 3222 - Off-Campus Internship (3-0-3)
Internship program for selected students who perform supervised chemical work in conjunction with professionals at local government, academic or private institutions. Employers coordinate with the University to evaluate student performance in the workplace. Students will be assigned a grade of Satisfactory or Unsatisfactory after completion of the internship.
Prerequisites: CHEM 1212 with a grade of C or higher and CHEM 1212L with a C or higher and consent of the head of the department of Natural Sciences.

CHEM 3223 – On-Campus Internship (3-0-3)
This is an internship program for selected students who will perform supervised work related to chemistry and/or pedagogy in conjunction with chemistry faculty at Clayton State University. Students will be assigned a grade for this course based on an evaluation by the faculty supervisor.
Prerequisites: CHEM 1212 with a grade of C or higher and CHEM 1212L with a grade of C or higher and consent of the head of the department of Natural Sciences.

CHEM 3224 – Introductory Research (3-0-3)
This course is a supervised introductory research experience with Chemistry faculty at Clayton State University. Students must articulate clear project goals and objectives. Students will learn to demonstrate use of scientific literature, and document their progress using a research notebook. The project will be summarized in a written research paper and an oral presentation to the department faculty. Students will be assigned a grade for this course based on evaluation by the supervisor and other CSU faculty.
Prerequisites: CHEM 1212 with a grade of C or higher and CHEM 1212L with a grade of C or higher and consent of the head of the department of Natural Sciences.

CHEM 3400 – Survey of Physical Chemistry I (3-0-3)
A study of elementary physical chemistry introducing general concepts such as atomic structure, chemical bonding, spectroscopy, thermodynamics (ideal and real gases, chemical equilibria), and chemical kinetics (rates of reactions and transport properties of materials). This is a non-calculus based physical chemistry course.
Prerequisite(s): CHEM 1212 with a grade of C or higher, CHEM 1212L with a grade of C or higher, and PHYS 1112 with a grade of C or higher.

CHEM 3411 - Physical Chemistry I: Thermodynamics and Kinetics (3-0-3)
A study of physical chemistry including topics in thermodynamics (ideal and real gases, chemical equilibria), chemical kinetics (rates of reactions, transport properties of materials) and liquid and solid state theory.
Prerequisite(s): CHEM 1212 with a grade of C or higher, CHEM 1212L with a grade of C or higher, PHYS 2212 with a grade of C or higher, and MATH 2502 with a grade of C or higher.

CHEM 3411L – Physical Chemistry Laboratory (0-4-2)
Laboratory methods in physical chemistry.
Prerequisites(s): CHEM 3411 with a C or higher (can be taken concurrently) and CHEM 3412 with a C or higher (can be taken concurrently)

CHEM 3412 - Physical Chemistry II: Quantum Mechanics (3-0-3)
A study of the principles of quantum mechanics and its applications. Solutions of Schrödinger equation for simple systems, perturbation theory, one-electron atom, spin and relativistic effects, multi-electron atoms, chemical bonding and spectroscopy will be discussed.
Prerequisite(s): CHEM 1212 with a grade of C or higher, CHEM 1212L with a grade of C or higher, PHYS 2212 with a grade of C or higher, and MATH 2502 with a grade of C or higher.

CHEM 3811 – Analytical Chemistry (3-0-3)
The study of classical quantitative determination methods, including volumetric and gravimetric analyses, equilibrium calculations, acid-base chemistry, and electrochemistry.
Prerequisite(s): CHEM 1212 with a grade of C or higher and CHEM 1212L with a grade of C or higher.

CHEM 4110 - Environmental Chemistry (3-0-3)
A study of the chemistry of our environment. Topics typically include air and water pollution, pharmaceuticals, plastics, bioenergetics, thermodynamics of life, and nuclear power.
Prerequisite(s): CHEM 2412 with a grade of C or higher and CHEM 2412L with a grade of C or higher.

CHEM 4201 – Advanced Organic Chemistry (3-0-3)
A mechanistic study of the important classes of organic reactions will be presented. Topics include rearrangements, cycloadditions, carbocations, carbanions, free radicals, carbenes, and nitrenes. An introduction to molecular orbital theory and stereoelectronic effects will be provided.
Prerequisite(s): CHEM 2412 with a grade of C or higher.

CHEM 4202 – Biochemistry I (3-0-3)
A study of the chemistry of biological systems. Topics typically include proteins, enzymes, carbohydrates, lipids and metabolism pathways.
Prerequisite: CHEM 2412 with a grade of C or higher and 2412L with a grade of C or higher.

CHEM 4202L – Biochemistry Laboratory (0-6-3)
An introduction to modern biochemical laboratory techniques. Experiments may include methods for protein, nucleic acid, carbohydrate, and lipid isolation and characterization, enzyme kinetics, spectroscopy, chromatography, and electrophoresis.
Prerequisite(s): CHEM 2412 with a grade of C or higher, CHEM 2412L with a grade of C or higher, and CHEM 4202 with a grade of C or higher (can be taken concurrently).

CHEM 4203 – Biochemistry II (3-0-3)
A continuation of Biochemistry I. An extended study of metabolic pathways involving carbohydrates, lipids, amino acids, and nucleotides. Nucleic acids and hormonal regulation will also be addressed.

Prerequisite: CHEM 4202 with a grade of C or higher.

CHEM 4204 - Forensic Chemistry (3-0-3)
The study of the chemistry, and laboratory techniques used in forensic chemistry. Topics typically include the legal aspects of physical evidence collection and analysis, statistical analysis of data, drug analysis, forensic toxicology, explosives and arson residue analysis, glass analysis, fiber and paper analysis, paint and ink analysis, and gunpowder residue analysis. Various laboratory instruments and procedures will also be covered including mass spectrometry, infrared spectroscopy, UV-VIS spectroscopy, Raman spectroscopy, atomic absorption, immunoassay, chromatography, microspectrophotometry, and microscopy (light, polarized light, comparison, stereoscopic, scanning electron).
Prerequisite(s): CHEM 2412 with a grade of C or higher and CHEM 2412L with a grade of C or higher.

CHEM 4205 - Medicinal Chemistry (3-0-3)
A study of medicinal chemistry and the underlying principles of organic chemistry. Topics will include drug delivery, anesthetics, structure/function relationships, receptor theory, neurotransmitters, synthesis of various tranquilizer classes, synthesis of antidepressants, enzyme inhibition, antibiotics, and non-steroidal anti-inflammatory drugs (NSAIDs.)
Prerequisite(s): CHEM 2412 with a grade of C or higher.

CHEM 4206 – Polymer Chemistry (3-0-3)
An overview of the function, synthesis, properties, and characterization of polymers. Topics include structure determination, formation and degradation reactions, molecular weight determination, physical states and transitions, mechanical properties, and spectroscopic characterization techniques.
Prerequisite(s): CHEM 2412 with a grade of C or higher and CHEM 2412L with a grade of C or higher.

CHEM 4222 - Chemistry Research Practicum (3-0-3)
Research experience for students in Chemistry. Practicum assignments must be approved by the student's major advisor and the Chemistry faculty. Course may be repeated for credit.
Prerequisite: CHEM 2412 with a grade of C or higher and CHEM 2412L with a grade of C or higher and consent of the head of the department of Natural Sciences.

CHEM 4301 - Inorganic Chemistry (3-0-3)
A study of inorganic chemistry. Topics typically include atomic structure, ionic bonding, lattice energy, valence bond theory, molecular orbital theory, coordination chemistry, nomenclature, reaction mechanisms, and an introduction to group theory.
Prerequisite(s): CHEM 3411 with a grade of C or higher and CHEM 3412 with a grade of C or higher.

CHEM 4302 – Solid State Chemistry (3-0-3)
An advanced topics chemistry course dealing with materials and bonding in the solid state. The relationship between electronic structure and crystal structure is developed. Attention is given to characterization of atomic and m olecular arrangements in crystalline and amorphous solids, metals, ceramics, semiconductors, and polymers.
Prerequisite(s): CHEM 3411 with a grade of C or higher and CHEM 3412 with a grade of C or higher.

CHEM 4401L - Advanced Laboratory I: Organic Synthesis (0-4-2)
A laboratory course involving a series of multipart experiments designed to solve realistic applied problems and build upon the chemical principles and experimental techniques introduced in earlier laboratories. This laboratory focuses on the synthesis, purification, and characterization of organic molecules using a variety of advanced techniques.
Prerequisite(s): CHEM 2412 with a grade of C or higher, CHEM 2412L with a grade of C or higher, and CHEM 4201 (can be taken concurrently).

CHEM 4402L - Advanced Laboratory I: Biochemistry (0-4-2)
A laboratory course involving a series of multipart experiments designed to solve realistic applied problems and build upon the chemical principles and experimental techniques introduced in earlier laboratories. This laboratory focuses on the isolation and characterization of biological molecules using a variety of advanced techniques.
Prerequisite(s): CHEM 4202 with a grade of C or higher and CHEM 4202L with a grade of C or higher or BIOL 3250L with a grade of C or higher.

CHEM 4403L - Advanced Laboratory I: Inorganic Synthesis (0-4-2)
A laboratory course involving a series of multipart experiments designed to solve realistic applied problems and build upon the chemical principles and experimental techniques introduced in earlier laboratories. This laboratory focuses on the synthesis, purification, and characterization of inorganic compounds and complexes using a variety of advanced techniques.
Prerequisite(s): CHEM 2412 with a grade of C or higher, CHEM 2412L with a grade of C or higher, and CHEM 4301 (can be taken concurrently).

CHEM 4411 – Biophysical Chemistry (3-0-3)
The study of thermodynamics, transport phenomena, and spectroscopic methods as they relate to biological systems.
Prerequisite(s): CHEM 3411 with a grade of C or higher, CHEM 3412 with a grade of C or higher, and CHEM 4202 with a grade of C or higher.

CHEM 4412 – Computational Chemistry (3-0-3)
An advanced topics chemistry course designed to introduce the field of computational chemistry methods. Quantum mechanical and molecular mechanics methods will be studied. Students will take part in hands-on learning through the use of computational chemistry software.
Prerequisite(s): CHEM 3411 with a grade of C or higher and CHEM 3412 with a grade of C or higher.

CHEM 4500 – Senior Chemistry Seminar (2-0-1)
Experts from industry, government, and academia discuss current topics in chemistry and related fields. Students enrolled in the seminar prepare for the talks by conducting electronic literature searches, reviewing the relevant literature, and s ubmitting questions for the speakers. This course gives students the opportunity to meet with and question experts in the field. Examinations and projects are based on seminar topics.
Prerequisite(s): CHEM 2412 with a grade of C or higher, CHEM 2412L with a grade of C or higher, and CHEM 2500 with a grade of C or higher.

CHEM 4700 – Special Topics in Chemistry (V-V-{1-3})
Selected advanced topics of current interest in chemistry. This course will be offered as fits the needs and interests of the students and faculty. Course may be repeated for credit if topics are different.
Prerequisite(s): CHEM 1212 with a grade of C or higher and consent of the head of the department of Natural Sciences.

CHEM 4811 – Instrumental Analysis (3-0-3)
Theoretical principles and used of modern instrumental methods including spectroscopy, electroanalysis, and chromatographic separations.
Prerequisite(s): CHEM 2412 with a grade of C or higher, CHEM 2412L with a grade of C or higher, and CHEM 3811 with a grade of C or higher.

CHEM 4811L – Instrumental Analytical Chemistry Laboratory (0-4-2)
An introduction to quantitative, qualitative and modern instrumental techniques in the analytical laboratory.
Prerequisite(s): CHEM 4811 (may be taken concurrently).

CHEM 4812 – Spectroscopy (3-0-3)
Applied spectroscopy theory and application of 1D-NMR, 2D-NMR, mass spectrometry, and infrared spectroscopy in the determination of organic structures.

Prerequisite(s): CHEM 2412 with a grade of C or higher and CHEM 2412L with a grade of C or higher.

CHEM 4900 – Biocomputing (3-0-3)
The human genome project and the web revolution present new challenges and opportunities for biologists and biochemists. The only way to deal effectively with the information explosion in biology and related disciplines is to use computers. Students in this course will use computer applications to search databases, perform calculations, and develop models concerning biological problems. This course is considered a capstone course for the biology degree program. A student may not receive credit for both BIOL 4900 and CHEM 4900.
Pre-Requisites: BIOL 3250, BIOL 3250L, BIOL 3201, and MATH 1231.

CHEM 4999A – Senior Evaluation (0-0-0)
The purposes of this class are to assess the chemistry degree program and to assist students in seeking employment or further schooling. Students are required to attend three class meetings. Students will participate in a seminar on how to prepare for job searches and graduate and/or professional school. Students will complete a series of surveys to assess the quality of the chemistry degree program. Students will take a standardized subject test in chemistry to assess their content knowledge. Students will also participate in an individually scheduled senior exit interview.
Prerequisite(s): CHEM 3411, CHEM 3412, CHEM 4202, CHEM 4811 (may be taken concurrently), and approval of the department.

CHEM 4999B – Senior Evaluation (0-0-0)
The purposes of this class are to assess the chemistry degree program and to assist students in seeking employment or further schooling. Students are required to attend two class meetings. Students will participate in a seminar on how to prepare for job searches and graduate and/or professional school. Students will complete a series of surveys to assess the quality of the chemistry degree program. Students will also participate in an individually scheduled senior exit interview.
Prerequisite(s): CHEM 3411, CHEM 3412, CHEM 4202, CHEM 4811 (may be taken concurrently), and approval of the department.

Citizenship (CITZ)

CITZ 1001 - Citizenship (1-0-1)
Instruction in the essentials of United States and Georgia History and Constitutions. (Satisfies the legislative requirement for the study of United States and Georgia Constitution and history for students in specified A.A.S programs).

Communication (COMM)

COMM 1001 - Presentational Speaking (1-0-1)
A course of instruction in the essentials of effective informative public speaking. The goal of the course is to help students develop credibility as speakers by gaining basic competence in the preparation and delivery of spoken reports or other informative presentations. (Not open to students enrolled in or with credit for COMM 1110.)

COMM 1002 - Presentation Applications (1-0-1)
A course providing instruction and practice in the use of a variety of audio-visual media, including electronic media, often employed to enhance speaking presentations in a variety of situations. (Not open to students enrolled in or with credit for COMM 1110.)
Prerequisite(s): COMM 1001.

COMM 1110 - Spoken Communication (Public Speaking) (3-0-3)
A study of the fundamentals of effective speaking, with emphasis on preparation and delivery of spoken presentations to inform and persuade. Instruction in and assessment of speaking skills are based on the elements described by the Clayton State Communication Outcome, focusing on the interrelationships among speaker, listener, situation, purpose, knowledge, organization, vocal and physical delivery, and language. Attention to group and inter-personal interaction is also included. Basic instruction is provided in preparing audio-visuals, including electronic media, to accompany end-of-semester presentations. (Not open to students with credit for COMM 1001 and COMM 1002 without permission of the Department of Visual and Performing Arts.)

COMM 3015 - Research Design in Human Communication (3-0-3)
Survey of contemporary quantitative and qualitative methods used in the study of speech communication. Introduces students to the scientific method in areas of communication studies such as intrapersonal, interpersonal, public, small group, organizational, and nonverbal communication. Provides an introduction to interpretive methods such as participant-observation, symbolic interactionism, and ethnomethodology. Includes the analysis and evaluation of examples of communication research found in the speech communication literature.

Prerequisite(s): ENGL 1102 (C); COMM 1110 (C); CMS 2100 (C)

COMM 3100 - Professional Communication (3-0-3)
A study and application of principles of effective communication skills in a variety of business and other professional settings within multicultural and/or international contexts. Includes effective verbal, nonverbal, and persuasive strategies; listening competence; and group dynamics. This course is open to students from all majors.
Prerequisite(s): COMM 1110 (C)`; ENGL 1102 (C).

COMM 3210 – Communication Theory (3-0-3)
Study of major theories of interpersonal, group and mass communication, including the hypodermic effect, group leader theory, social categories theory, and diffusion theory.
Prerequisite(s): COMM 1110 (C) and CMS 2010 (C)

COMM 3300 - Interpersonal Communication (3-0-3)
This course is designed to help students develop effective interpersonal communication skills. Students can expect to learn the theories and concepts of interpersonal communication, and then apply them to “real world” situations. It is expected that students will develop proficiencies in dyadic interactions and their analysis. In other words, students should be able to evaluate and moderate their own behavior, and assess the skills of others. In this way, students develop skills and a critical mindset that can be applied when they venture into the workplace. Recommended completion of Area C and E.3.
Prerequisite(s): ENGL 1102.

COMM 3310 – Communication in Context (3-0-3)
Provides an intensive investigation of communication as it occurs within specific contexts. Topics include computer-mediated communication, courtroom rhetoric, family communication, health communication, instructional communication, organizational interviewing, political rhetoric, small group communication, and the rhetoric of social movements. May be repeated when topics vary.
Prerequisite(s): COMM 1110 and junior standing

COMM 3330 – Rhetorical Criticism (3-0-3)
This course is designed to examine the theories, methods, and applications of rhetoric and rhetorical theory. This course will give students an introduction to the thinkers and movements in rhetorical history and examine rhetorical studies most significant to popular culture. This course includes the study of various rhetorical perspectives including Neo-Aristotelian, Narrative, Dramatistic, Feminist, Marxist and Media Effects perspectives.

Prerequisite(s): ENGL 1102 and COMM 1110

COMM 3340 – Persuasion (3-0-3)
This course is designed to examine the theories, methods, applications and implications of persuasive communication. It includes the study of psychological and sociological aspects of persuasive communication by considering principles used in interpersonal, political, commercial and media contexts.
Prerequisite(s): ENGL 1102, COMM 1110, and CRIT 1101

COMM 3440 – Communication Technologies (3-0-3)
Study of design, development, and operation of technical systems used by business and industry to transmit and store information, for long-distance communication, and for asynchronous information exchange.
Prerequisite: CMS 2010 (with a minimum grade of C)

COMM 3460 – Principles of Project Management (3-0-3)
This course introduces students interested in corporate communication to the process of developing a media package, concept generation for campaigns, following a production project from start to finish. Overview of audience and situation analyses, objectives, strategies, tactics, budgets, measurement. Consideration of corporate communication strategy from concept through production to evaluation.

COMM 4100 - Organizational Communication (3-0-3)
Organizational Communication introduces students to theories of management and communication. Students apply their knowledge of theory to real-world phenomena utilizing a case-study approach. This combination of theory and application develops knowledge and skills necessary for success in corporate communication environments.
Prerequisite(s): COMM 1110 (C) and ENGL 1102; junior standing

COMM 4200 – Nonverbal Communication (3-0-3)
This course explores nonverbal communication in theory and practice with emphasis on the types of nonverbal behaviors that communicate meaning and the functions those behaviors serve
Prerequisite(s): ENGL 1102 (C) and COMM 1110 (C), junior standing

COMM 4210 – Interracial Communication (3-0-3)
This course explores cross racial, interracial, and intraracial communication in theory and practice, with emphasis on cultivating the communication tools necessary to successfully navigate through human interaction where race and ethnicity are concerned.
Prerequisite(s): ENGL 1102 and COMM 1110, junior standing

COMM 4510 - Intercultural Communication (3-0-3)
Intercultural Communication is a course dedicated to theories and practices of communicating across cultures. The students will learn how other cultures deal with conflict, context, and communication.
Prerequisite(s): COMM 1110(C).

Communication and Media Studies (CMS)

CMS 2010 - Introduction to Media Studies (3-0-3)
The course offers an overview of the cultural, social, political, and economic impact of mediated communication. Topics include the nature and function of media, core media institutions, and media in transition. Students will analyze media critically, including the contemporary mediascape, and develop a historical perspective on major media forms.

CMS 2100 - Introduction to Film (3-0-3)
A humanities-based approach to cinema as an art form, this course introduces the

basic elements of motion-picture form: camerawork, editing, narrative, sound, and mise-en-scène. The course also locates contemporary filmmaking within historical and international contexts. Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.

CMS 2410 – Digital Imaging I (3-0-3)
Introduction to camera-based digital imaging and editing. Students learn basic composition and lighting techniques and process photographs for print, television, and Internet distribution.

CMS 2420 – Introduction to Field Production (3-0-3)
An introduction to the production and distribution of networked digital media. Readings and assignments teach the basic concepts employed in production/distribution as well as hands-on skills using hardware and software. Students are required to provide a digital audio/video recording device (e.g. smart phone or camcorder) that meets the specifications of the CMS program.
Prerequisite(s): ENGL 1102; CMS or pre-CMS major

CMS 3020 - Research Methods (3-0-3)
This course provides CMS majors with the necessary skills to conduct independent, primary, interdisciplinary research in Media Studies and Cultural Studies. Students learn a variety of humanistic and social-scientific methodologies, which may include some or all of the following: in-depth interviewing, focus groups, archival research, content analysis, semiotics and textual analysis. Students choose an appropriate media topic to study through a variety of research modes and methods over the length of the semester. Open to students who have been admitted to the Communication and Media Studies (CMS) minor or BA programs.
Prerequisites ENGL 1102 (C), CMS 2010, (C), CMS 2100 (C), COMM 1110 (C).

CMS 3101 - Media and Culture (3-0-3)
An introduction to humanities-based approaches to the study of media and culture. Theories of textual and visual signification are introduced, including the contributions of discursive contexts and audience expectations. The class considers questions of test, quality, and cultural identity, particularly as applied to contemporary and emerging technologies. Open to students who have been admitted to the Communication and Media Studies (CMS) minor or BA programs.
Prerequisite(s): CMS 2010, (C), CMS 2100 (C), COMM 1110 (C), ENGL1102 (C).

CMS 3110 – Media Industries (3-0-3)
Study of film, broadcast, print, and Internet industries, explaining how these industries work in the corporate world.
Prerequisite: CMS 2010 (with a minimum grade of C)

CMS 3200 - History of Communication (3-0-3)
A chronological survey of major types and media of human communication, from pre-history through the present day, focusing upon the interrelationships between communication media and their larger social and cultural contexts. The history of communication leading to English-language media is the main focus, but comparisons and contrasts with other world communication systems will also be explored.
Prerequisite(s): CMS 2100 (C), CMS 2010, (C), COMM 1110 (C), ENGL1102 (C).
Recommended: Completion of Areas C and E.3.

CMS 3310 - Film History (3-2-3)
A study of both artistic and technological developments in American and international cinema, with emphasis on significant film movements and filmmakers. Key films will be examined in depth. Attendance is required for weekly out-of-class screenings.
Prerequisites ENGL 1102 (C), CMS 2100 (C).

CMS 3340 - National Cinemas (3-2-3)
This course closely studies the development of a specific national or regional cinema in terms of its aesthetic, theoretical, and socio-political dimensions. Topics range from

the study of a historical period (the Russian silent era, for example), to an in-depth analysis of a single movement (The French New Wave), to the conceptualization of a specific national or regional cinema (e.g., Japanese, Indian, French, Mexican, Canadian, African, New Zealand, etc.). May be repeated when topics vary. Attendance is required for weekly out-of-class screenings.
Prerequisites: ENGL 1102 (C); CMS 2100 (C).

CMS 3400 – Communication Law (3-0-3)
This course is designed to give students an understanding of pertinent constitutional, statutory, common, equity and regulatory laws as they relate to mass media, and to provide students with a basic understanding of how existing laws control the operation of mass media. Students will be encouraged to express their views about these laws and their impact on communication within our society.
Prerequisite(s): ENGL 1102 (C)

CMS 3410 – Lighting for Motion Pictures (3-0-3)
This studio course introduces the aesthetic conventions and technical skills of motion-picture lighting, including instruments, equipment, and techniques used for in-studio and on-location settings. Students will learn the process behind production lighting and demonstrate the ability to achieve a professional-quality video image.
Prerequisite(s): CMS 2100 (C); CMS or pre-CMS major

CMS 3420 – Audio Recording and Sound Design (3-0-3)
This studio course introduces the aesthetic conventions and technical skills of recorded sound. Assignments include field recording for audio media (e.g. radio and podcasting) and video, along with post-production sound design for moving images, including the preparation of dialog, sound effects, and music tracks.
Prerequisite(s): CMS 2100 (C); CMS or pre-CMS major

CMS 3500 - Writing and Editing for Mass Media (3-0-3)
A course in writing and editing for mass audiences, including print, broadcast, and Internet journalism. Emphasis on news gathering, public affairs reporting, and practical applications of journalistic techniques and genres. Open to students who have been admitted to the Communication and Media Studies (CMS) minor or BA programs.
Prerequisite(s): CMS 2010, (C), CMS 2100 (C), COMM 1110 (C), ENGL1102 (C).

CMS 3550 – Introduction to Advertising (3-0-3)
This course provides students with a comprehensive introduction to advertising as an industry, its history, evolution and cultural impacts. Students will study theories of advertising, the advertising agency and the roles and responsibilities of its personnel. Students will also learn production techniques and the relationships among the advertising agency, the client, and the media.
Prerequisite: CMS 2010 (with a minimum grade of C)

CMS 3560 – Introduction to Public Relations (3-0-3)
This course provides students with a detailed introduction to public relations, including its historical origins, and its distinctions from advertising. Students will study theories of the public and public relations theory, while learning the many roles of the public relations practitioner and of the public relations agency. Through case studies students will examine the legal and ethical concerns of P.R., while studying the press release, newsletter, and personal appearances.
Prerequisite: ENGL 1102 (with a minimum grade of C)

CMS 3710 - Writing for Digital Media: Theory and Practice (3-0-3)
An advanced writing course that examines dispersed computer networks as new media forms. The course surveys the aesthetic, historical, and theoretical contexts that shape communication using digital media. It also offers hands-on experience in the development of hypertext and multimedia documents.
Prerequisites ENGL 1102 (C).

CMS 3720 - New Media Design (3-0-3)
A studio course that focuses on aesthetic and communicative applications of graphic, streaming, and interactive digital media. Class projects will result in a portfolio of work integrating sound, typography, photo illustration, and moving images.
Prerequisite(s): CMS 2100 (C); [ENGL 3901 (C) or CMS 3710 (C)].

CMS 3810 - Women and Popular Culture (3-0-3)
This course explores how women are represented in American popular culture, and how popular culture shapes our common sense notions regarding women, men, and our gender-specific roles in society. We will consider what types of images we see and hear in various forms of popular culture, including Hollywood movies, fashion magazines, television, advertising, music and popular health. We will then question how we learn to respond to and interpret these messages. Throughout our course we will study how pop cultural texts work to create meanings and how we can become critical consumers of those messages.
Prerequisite(s): CMS 2100 (C); ENGL 1102 (C).

CMS 3820 – Screenwriting (3-0-3)
In this course, students will study the mechanics of screenwriting. The course explores dramatic structure including film language, story, and character development.
Students will analyze and apply various techniques in writing for the screen.
Prerequisites: ENGL 1102, CMS 2100

CMS 3901 - Internship/Practicum in Communication and Media Studies (0-10-3)
This course is the principal experiential learning component of the Communication and Media Studies degree program. The placement site will be in a professional communication, performance, or other media environment—either on- or off-campus, as appropriate—related to the career interests or goals of the individual student. Students must coordinate their placements both with their desired internship/practicum sites and with the Clayton State Office of Experiential Learning. P lacement opportunities outside the U.S. are encouraged. Enrollment is limited to students majoring in Communication and Media Studies and also requires program approval. The course is repeatable for credit.
Prerequisite: CMS majors only, CMS 3101 (C); COMM 3100 or 3300 (C)

CMS 3902 - Internship: Teaching and Instruction (0-10-3)
This course offers Communication and Media Studies students an additional experiential-learning opportunity that may be completed in addition to the required internship, CMS 3901. The course involves supervised work in teaching, training, and/or tutoring related to the career interests or goals of the individual student. Enrollment is limited to students majoring in Communication and Media Studies and also requires program approval. The course may be repeated for credit.
Prerequisite: CMS majors only and CMS program permission.

CMS 3903 - Advanced Media Production (0-10-3)
This course offers Communication and Media Studies students an additional experiential-learning opportunity that may be completed in addition to the required internship, CMS 3901. The course involves supervised work in advanced media production related to the career interests or goals of the individual student. Enrollment is limited to students majoring in Communication and Media Studies and also requires program approval. The course may be repeated for credit.
Prerequisite: CMS majors only and CMS program permission.

CMS 4310 - Film Analysis and Criticism (3-2-3)
This course continues the humanities-based approach to cinema begun in CMS 2100, now in a writing-intensive format. Through weekly writing assignments, students master the analysis of motion-picture form, including camerawork, editing, narrative, sound, and mise-en-scène. The course also considers multiple approaches to film theory and criticism within historical and international contexts. Attendance is required for weekly out-of-class screenings.
Prerequisite(s): ENGL 1102 (C); CMS 2100 (C).

CMS 4320 - Women and Film (3-2-3)
This course explores the role of women in cinema as on-screen representations, as spectators, and as filmmakers. We will study selected films and readings particularly in light of women's gender, class, race, and sexuality.
Prerequisite(s): ENGL 1102 (C); CMS 2110 (C).

CMS 4330 - Film Genres (3-2-3)
An analysis of specific genres of American and international cinema, focusing on the conventions and icons of those genres and examining significant films within them. Attendance is required for weekly out-of-class screenings. May be repeated when topics vary.
Prerequisite(s): ENGL 1102 (C); CMS 2110 (C).

CMS 4410 - Digital Video Production (3-0-3)
An introduction to the three phases of digital video creation: pre-production, production, and post-production. Students will be required to attend events (e.g. video shoots) scheduled outside of regular class hours.
Prerequisite(s): CMS 2100 (C).

CMS 4450 - Digital Video Post Production (3-0-3)
Through lectures, demonstrations, and hands-on exercises, students master the basic terminology, principles, and skills of digital post production, with an em phasis on nonlinear video editing. Fundamentals of visual storytelling—including continuity, pacing, and dramatic structure—are emphasized.
Prerequisite(s): CMS 2100 (C).

CMS 4490 – Modes of Video Production (3-0-3)
This studio course in digital video production investigates modes of digital production, including fiction, documentary, experimental, personal narrative, web video, and interactive media, teaching fundamental terms and concepts while providing students with hands-on hardware and software skills. Students will be required to attend events (e.g. video shoots) scheduled outside of regular class hours. May be repeated if topics vary.
Prerequisite(s): CMS 2100; CMS or pre-CMS major

CMS 4500 - Global Contexts in Communication and Media Studies (3-0-3)
A study of communication and media in selected non-Western cultures. In addition, the course examines the roles played by media in the processes of cultural and economic globalization. A capstone course, it includes exit assessment of writing and speaking skills for the baccalaureate degree program in Communication and Media Studies.
Prerequisites: CMS 3101 (C), and [CMS 3020 (C), or COMM 3015 (C)].

CMS 4560 - Public Relations Principles and Practices (3-0-3)
A study of public relations theories and practices with emphasis on the various ways in which public relations and promotional messages are delivered to various audiences.
Prerequisites: CMS 3500 (C)

CMS 4580 – Crisis & Change Communication (3-0-3)
Introduction to crisis and change communication and application, covering crisis communication theory, management approaches during corporate changes, and the influence of culture on crisis and change communication.
Prerequisite: CMS 2010 (with a minimum grade of C)

CMS 4800 - Selected Topics in Communication and Media Studies (3-0-3)
Seminar in Communication and Media Studies topics. May be repeated when topics vary. Prerequisites: Junior-level status

CMS 4810 - Women and the Arts (3-0-3)
In this course, we will explore the role of women as artists, spectators, and representations in the visual, literary, and p erforming arts. Our primary category of analysis in Women & the Arts is gender, the socially constructed and historically

variable understanding of what it means to be a woman or man, but we will further consider how this category interacts with race, class, and sexuality in the arts. Likewise, a central idea in our class is that knowledge and images conveyed through artistic texts are not neutral; rather, the arts socialize and discipline us even as they entertain and enlighten us.
Prerequisites: ENGL 1102 (C) and [ART 2302 or CMS 2100 (C), or PHIL 2040 (C), or THEA 1100 (C), or WST 2500 (C)];

CMS 4900 - Directed Research in Communication and Media Studies (3-0-3)
Independent study in Communication and Media Studies (credit varies)
Prerequisites: Junior-level status and CMS program permission.

Computer Networking (CNET)

CNET 1130 – Network Fundamentals and LANs (3-0-3)
Introductory computer networking course focused on the OSI 7-layer and TCP/IP networking model, IPv4 addressing and subnetting, basic switching concepts including VLANs and inter-VLAN routing, and wireless LAN concepts.
Prerequisite(s): ITFN 1101 (may be taken concurrently).

CNET 1130L – Network Fundamentals and LANs Lab (0-2-1)
Laboratory accompanying CNET 1130.
Corequisite(s): CNET 1130 (must be taken concurrently).

CNET 1131 – Routing and WAN Technologies (3-0-3)
This course covers TCP/IP routing concepts with emphasis on RIP, EIGRP, OSPF single-are, VLSM, CIDR, WAN technologies including PPP, Frame Relay, Cable, DSL, broadband wireless, ACLs, VPNs, DHCP, NAT, and introduction to IPv6.
Prerequisite(s): CNET 1130 (C).

CNET 1131L – Routing and WAN Technologies Lab (0-2-1)
Laboratory accompanying CNET 1131.
Corequisite(s): CNET 1131 (must be taken concurrently).

CNET 1132 – CCNA Certification (3-0-3)
This course is a review of the Cisco CCNA certification topics covered in CNET 1130 and CNET 1131. Students are required to take the necessary CCNA certification examination(s) at their own expense.
Prerequisite(s): CNET 1131 (C).

CNET 2225 - Fundamentals of Wireless LANs (2-2-3)
An introductory course that focuses on the design, planning, implementation, operation and troubleshooting of wireless networks. It covers a comprehensive overview of the technologies, security, and design best practices.
Prerequisite(s): CNET 1130 (C).

CNET 2226 –Fundamentals of IP Telephony (2-2-3)
This course will prepare the student to implement an IP telephony solution in non-enterprise business. Topics covered will include the Public Switched Telephone Network (PSTN), Voice over IP (VoIP), call management and Quality of Service (QoS) issues.
Prerequisite(s): CNET 1131 (C).

CNET 2333 - Selected Topics/ Problems - Tech (Varies from 1 to 3 credit hours)
A study of selected topics or problems under the guidance and supervision of a faculty member.
Prerequisite(s): Requires approval of faculty member or advisor.

CNET 2500 – Introduction to Routing & Switching (3-0-3)
This course provides students with the fundamentals of computer networking with an emphasis on basic routing and switching required for passing the Cisco CCNA certification exam, including HDLC, PPP, 802.3, 802.11, TCP/IP, VLSM, CIDR, OSI Model, RIP, IGRP, EIGRP, Single Area OSPF, DNS, DHCP, CDP, ARP, Frame Relay, ISDN, Bridging, STP, VLANs, and ACLs. This is a condensed course designed for students who have a background in computer technology and need to prepare for the entry level Cisco CCNA certification exam. Students will be required to pass the Cisco certification exams required for the CCNA certification as part of the course requirements.

CNET 3210 - Advanced Routing (2-2-3)
Students will learn how to implement enterprise class WANs with emphasis on utilizing OSPF, IS-IS, BGP, and policy-based routing.
Prerequisite(s): Cisco CCNA Certification or permission of the instructor is required.

CNET 3220 - Multi-Layer Switching (2-2-3)
Students will explore many of the switching algorithms and strategies that are used to forward packets through multi-layer networks. Cisco CCNA Certification or instructor approval required.
Prerequisite(s): CNET 3210 (C).

CNET 4110 - IP Technology (2-2-3)
This course will prepare the student to implement an IP Telephone solution. Topics covered will include the Public Switched Telephone Network (PSTN), Voice over IP (VoIP), Call Management, and Quality of Service (QoS) issues in both a wired and wireless infrastructure.
Prerequisite(s): CNET 3220 (C).

CNET 4210 - Network Security/Firewalls (2-2-3)
This course provides students with the fundamentals of design and implementation of a secure network infrastructure. The focus will be on designing, configuring, and testing router and firewall security.
Prerequisite(s): CNET 3210 (C) and CNET 3220 (C).

CNET 4250 – Troubleshooting Converged Networks (2-2-3)
In this course students will develop the knowledge and skills necessary to plan and perform regular maintenance on complex enterprise routed and switched networks and use technology-based practices and a systematic standards approach to perform network troubleshooting.
Prerequisite(s): CNET 3210 (C) and CNET 3220 (C).

CNET 4310 - Advanced Server Technology (2-2-3)
This course provides students with an introduction to Server Virtualization, Storage Area Networks (SANs), and Load Balancing.
Prerequisite(s): Course requires Microsoft MCSA Certification or permission of instructor.

CNET 4800 - Selected Topics in CNET (3-0-3)
An exploration of selected topics and problems in the computer networking area under the guidance and supervision of a faculty member.
Prerequisite(s): Permission of Dean or Associate Dean required.

Computer Science (CSCI)

CSCI 1100 -- Applied Computing (2-2-3)
This course covers applied topics in computing which will serve as tools for presentations, web development, and knowledge of basic operating systems. Topics include using PowerPoint, understanding and using email, remote file transfer and

remote login using Secure Shell, building Websites using tools such as XHTML & Java Scripting, Windows basics, and Linux basics.
Prerequisite(s): MATH 1101 or higher (or equivalent placement score).

CSCI 1301 - Computer Science I (3-0-3)
The course includes an overview of computers and programming: problem-solving and algorithm development; simple data types; arithmetic and logical operators; selection structures; repetition structures; text files; arrays (one-and two-dimensional); procedural abstraction and software design; modular programming (including subprograms or the equivalent). A high level programming language will be used.
Prerequisite(s): A grade of C or better in MATH 1101 or higher (or equivalent placement score).

CSCI 1302 - Computer Science II (3-0-3)
The course covers abstract data types (ADTs); arrays (multi-dimensional), records; strings, and sets; binary files; searching and sorting; recursion; pointers and collections; software engineering concepts; A high level programming language will be used.
Prerequisite(s): A grade of C or better in CSCI 1301 or CSCI 1371.

CSCI 1371 - Computing for Engineers (3-0-3)
This course is designed to expose students to computer science concepts within the context of engineering disciplines, and includes the general principles of programmatic and data abstraction, testing, debugging and problem solving. The course addresses variables and data types, logical expressions, arrays, strings, file I/O, conditional statements, repetition and recursion, functions and procedures, scoping issues, plotting in two and three dimensions, manipulating media, data structures, and sorting/searching algorithms. A high-level language will be used.
Prerequisite(s): A grade of C or better in Math 1112A OR Math 1113 OR Math 1501.

CSCI 2302 - Data Structures and Algorithms (3-0-3)
This course is a systematic study of the main data structures of computer science: arrays, stacks, queues, linked lists, trees, graphs, hash tables. Implementation and analysis of the algorithms and programming techniques for searching, sorting, inserting into, and deleting from these structures; efficiency considerations.
Prerequisite(s): A grade of C or better in CSCI 1302, MATH 2020.

CSCI 2305- Computer Organization and Architecture (3-0-3)
This course is a study of the organization and architecture of computer systems, beginning with the standard von Neumann model to more recent architectural concepts. Topics include digital logic, data representation, assembly language, multiprocessor systems, and contemporary architectures.
Prerequisite(s): A grade of C or better in CSCI 1302, MATH 2020.

CSCI 3300 - Computer Ethics (3-0-3)
This course is a study of professional codes of ethics and the responsibilities that they place on technology professionals. Investigation of the background and implications of ethical concerns in the application of technology and the use of moral reasoning to comprehend issues of privacy, security, ownership, protection, and law.
Prerequisite(s): Junior or senior standing or permission of the Department Chair.

CSCI 3301 - Game Design & Programming I (3-0-3)
This course covers modern computer game design and programming techniques including real-time event-driven and multimedia programming techniques.
Prerequisite(s): A grade of C or better in CSCI 2302 and MATH 2140.

CSCI 3305 - Operating Systems (3-0-3)
This course is a conceptual and hands-on study of operating systems; operating system design and theory including process/processor, memory, file, I/O and networking management; evaluation of system requirements.
Prerequisite(s): A grade of C or better in CSCI 2302 and CSCI 2305.

CSCI 3306 – Computer Networks and Security I (3-0-3)
This course covers Network systems including transmission media, packet transmission, circuit / packet switching technology, LAN technology and network topology, TCP/IP, internetworking; Network applications and security issues are investigated. An overview of LANs, WANs, data communication, and routing methods will be provided using software simulation tools.
Prerequisite(s): A grade of C or better in CSCI 2302 and CSCI 2305.

CSCI 3310 – Databases Design & Implementation (3-0-3)
This course covers database modeling drawing distinctions between data modeling, process modeling, and implementation. Topics include Entity-Relationship Modeling, Relational Database Modeling to include Relational Algebra and Normalization and Object Modeling and Object Databases. Implementation topics include SQL, PL/SQL, and database access using Web interfaces.
Prerequisite(s): A grade of C or better in CSCI 2302, MATH 2020.

CSCI 3320 - Software Engineering Design (3-0-3)
This course covers analysis of system requirements, software systems design techniques, software processes, software life-cycle models, software economics, configuration management, user interfaces, software testing, and software maintenance. Students gain experience in the team approach to medium-scale system development. Ethical issues related to software design are discussed.
Prerequisite(s): A grade of C or better in CSCI 3306, CSCI 3310

CSCI 3333 - Programming Languages (3-0-3)
This course covers the concepts of syntax and semantics of grammars and languages. It includes the study and comparison of the organization and major constructs of various programming language paradigms, with in-depth study of several specific languages. Language Implementation and compiler/interpreter-related issues are addressed.
Prerequisite(s): A grade of C or better in CSCI 2302.

CSCI 4301 - Game Design & Programming II (3-0-3)
This course covers advanced techniques in game programming, including graphics game engines, motion generation, and issues in multi-user interaction.
Prerequisite(s): A grade of C or better in CSCI 3301, MATH 2502.

CSCI 4304 – Computer Graphics (3-0-3)
This course is an introduction to computer graphics and graphics systems, including: graphics hardware, 2D rendering, 2D and 3D transformations, animation, illumination, and modeling. Additional topics include user interface and interactive inputs.
Prerequisite(s): A grade of C or better in CSCI 3301, MATH 2140, MATH 2502.

CSCI 4305 – Unix (Linux) Systems Programming & Administration
This course covers UNIX (Linux) and C/C++ standards, file I/O, file access and attributes, directories, the standard I/O library, systems administration files, the process environment, process control, process relationships, signals, terminal I/O, daemon processes, inter-process communication, and pseudo terminals. Also included are relevant topics in Unix (Linux) system administration
Prerequisite(s): A grade of C or better in CSCI 3305.

CSCI 4306 – Computer Networks and Security II (3-0-3)
This course covers the design and implementation of protocols and the vulnerabilities and risk associated with these implementations. Other topics include Cryptographic techniques and algorithms. Design and implementation of network routing protocols and security architecture will be done using software simulation tools.
Prerequisite(s): CSCI 3306.

CSCI 4307 - Artificial Intelligence (3-0-3)
This course is an introduction to artificial intelligence and machine learning. Topics include intelligent system design methodologies, search and problem solving, supervised and reinforced learning.

Prerequisite(s): A grade of C or better in CSCI 2302, Math 2502 .

CSCI 4310 – Advanced Issues in Databases (3-0-3)
This course is an ad vanced in-depth study of indexing, security, query processing, transactions; introduction to data warehousing; parallel and distributed databases.
Prerequisite(s): A grade of C or better in CSCI 3310.

CSCI 4315 - Human Computer Interface (3-0-3)
This course covers design and interfacing of computer input and output systems. Standard (mouse, keyboard, joystick, etc.) and new (head trackers, music controllers, gloves, etc.) input devices. Output mediums will include graphics, music, and 3-D sound. Hands-on laboratories and independent projects will be required.
Prerequisite(s): A grade of C or better in CSCI 3320.

CSCI 4316 – Cluster and Grid Computing (3-0-3)
This course covers the concepts of cluster and grid computing. Topics include communication, application, and management of technologies that make cluster and Grid computing possible.
Prerequisite(s): CSCI 3305.

CSCI 4320 - Software Engineering Practicum (3-0-3)
This course covers software development methods for large-scale software systems, management of software development projects, and software engineering standards. Students are expected to complete a large-scale software project. This course is considered the capstone course. Ethical issues related to software development are discussed.
Prerequisite(s): A grade of C or better in CSCI 3300, 3320.

CSCI 4333 - Theory of Computation (3-0-3)
This course is a study of the main areas of theoretical computer science and their hierarchical interconnections. Basic results relating to formal models of computation are studied, with emphasis on grammars and languages, finite automata, Turning machines, and computational complexity.
Prerequisite(s): A grade of C or better in CSCI 3333.

CSCI 4334 - Algorithm Design and Analysis (3-0-3)
This course covers analysis of the complexity of algorithms, including sorting, searching, and graph algorithms; use and implementation of graphs.
Prerequisite(s): A grade of C or better in CSCI 3333.

CSCI 4314 Multimedia Production and Development (3-0-3)
This course covers the acquisition, development and production of media elements such as graphics, animation, audio, video, virtual space and simulations. Students will integrate content with functional design criteria and organize the major and minor components of a multimedia production project. *Cross-listed with ITMM 4404*
Prerequisite(s): (CSCI 1100, 2302) or (ITFN2012, 3314, 3134) and (ENGL 3900 or 3901).

CSCI 4360 – Computer Science Research (3-0-3)
This course is designed for students who want to carry out special research and investigations in CS at the senior level. Topic and method of procedure must have approval of the supervising faculty member.
Prerequisite(s): senior standing, at least 25 hours in computer science, permission of instructor and Department Chair.

CSCI 4370 - Internship in Computer Science (3-0-3)
This course involves the student working with business partners to develop meaningful projects which integrate and apply knowledge in an actual work environment. These projects will be presented to faculty, students and industry partners. Each student is expected to work for a minimum of 200 hours. Application must be made to Office of Experiential Learning and is subject to approval.

Prerequisite(s): senior standing in computer science, approval of assignment by Department Chair.

CSCI 4800 - Special Topics in Computer Science (Variable credit)
This course is designed to cover current topics of interest in Computer Science.
Prerequisite(s): permission of instructor and Department Chair.

Computing (CPTG)

CPTG 1010 - Computing with Spreadsheets (0-2-1)
This course is an introduction to computing and computer programming using spreadsheets. The course emphasizes the use of the computer as a tool for analysis and problem solving. Included are methods for organizing and interpreting information in various formats.
Prerequisite(s): MATH 1101 or higher (or equivalent placement score).

CPTG 1111 - Introduction to Computing (1-2-2)
This course is an introduction to concepts of computer programming. A programming language (such as Visual BASIC) will be used to design and implement algorithms to solve problems.
Prerequisite(s): MATH 1101 or higher (or equivalent placement score).

CPTG 2201 - Advanced Computer Applications (3-0-3)
This course provides detailed coverage of common computer software applications used in business and industry. It assumes that the student is conversant with basic computer skills and builds on that base. Emphasis is on the application of advanced features of electronic spreadsheets, word-processing and presentation graphics; the fundamentals of database systems; use of the Internet for research.
Prerequisite(s): Math 1101 (C)

Critical Thinking (CRIT)

CRIT 1101 - Critical Thinking (3-0-3)
A course focusing on skills essential to effective critical thinking in both academic and general use. The study of important common components (issue, method, evidence, conclusion) provides a basis for the construction, analysis, and evaluation of arguments in a variety of contexts. The course also addresses fundamental elements of informal logic (e.g., induction, deduction, fallacy-avoidance) and of elementary formal logic (e.g., tests for validity) as they inform good reasoning in any context, from everyday decision-making to academic argumentation. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]

Criminal Justice (CRJU)

CRJU 1150 - Introduction to Criminal Justice (3-0-3)
An overview of the criminal justice system, its history, philosophical background, constitutional limitations, and the processes for achieving its goals. Also included are contemporary trends in the system on the local and national levels.

CRJU 3105 – Criminological Theory (3-0-3)
This course will offer an advanced study and critical appraisal of various theories of crime causation, including an examination of biological, psychological, economic and sociological perspectives on the etiology of crime.
Prerequisite: CRJU 1150

CRJU 3100 - Criminology (3-0-3)
A study of the nature and scope of crime and delinquency with an emphasis on criminological theories and research. The course will introduce students to sociological and psychological explanations for criminal behavior and will allow students to use basic research methods to test theories and measure the incidence of crime in the United States and in other countries.
Prerequisite: CRJU 1150 or (PARA 1101 and PARA 2207).

CRJU 3110 - Race and Crime (3-0-3)
This course examines how the issues of crime and justice are played out in the context of a diverse society. The course will consider three major issues; 1) how the law affects and has affected different groups in American society; 2) the differential involvement in crime and the criminal justice system across groups; and 3) the differential responses of the justice system to various groups.
Prerequisite: CRJU 1150 or (PARA 1101 and PARA 2207).

CRJU 3120 – Crime as Entertainment (3-0-3)
This course explores the depiction of crime and the criminal justice system in media with a specific emphasis on “old” entertainment media, and a primary emphasis on film and television. Particular focus will be placed on the entertainment media’s role in shaping the general public’s ideas of crime and justice. Issues of race, class, and gender will also be explored in the context of entertainment media and crime.
Prerequisite: CRJU 1150

CRJU 3140 – Gender and Crime (3-0-3)
This course explores the intersection between gender and crime by focusing on the experiences of women as crime victims, criminal offenders, and criminal justice professionals, experiences which are very often interrelated and overlapping. Topics include gender inequality, social and cultural constructions of gender, women's sexualization and objectification, masculinities, gender differences in offending, and several specific to crime issues such as rape, domestic violence, and sexual harassment. The course encourages ideas and suggestions that can be put in place to end gender based inequality and crime, and to promote social justice.
Prerequisite: CRJU 1150

CRJU 3200 - Law Enforcement (3-0-3)
A study of the philosophy and history of law enforcement at the federal, state, county, and city levels. Also included is an introduction to contemporary police organizations and methods of operation.
Prerequisite: CRJU 1150 or (PARA 1101 and PARA 2207).

CRJU 3210 - Criminal Investigations (3-0-3)
A study of the organization and functions of investigative agencies and basic considerations in the investigation of crime. Topics covered include: the collection and preservation of physical evidence, elements of legal proof in the submission of evidence, sources of information, interview and interrogation techniques, uses of forensic sciences, and case and trial preparation.
Prerequisite: CRJU 1150 or (FOSC 1101 or SCI 1901F) or (PARA 1101 and PARA 2207).

CRJU 3220 - Domestic Security (3-0-3)
This course addresses issues related to domestic terrorism and violent extremist criminal activity, including detection and investigation, early interdiction and prevention, and readiness.
Prerequisite: CRJU 1150 or (PARA 1101 and PARA 2207).

CRJU 3230 – Criminal Justice Administration (3-0-3)
This course examines the theories of motivation, leadership, and organization in the police context. Police administrative and management functions are studied emphasizing personnel management and organizational change.
Prerequisite: CRJU 1150 or (PARA 1101 and PARA 2207).

CRJU 3240 – Community Policing (3-0-3)
This course examines the relationship between law enforcement agents and t he community they serve. Topics include regular and meaningful police involvement in the community, quality of life conditions, problem solving and coordination with community service organizations, and policing in a culturally diverse society.
Prerequisite: CRJU 1150 or (PARA 1101 and PARA 2207).

CRJU 3300 - Corrections (3-0-3)
A study of the history, structure, and functions of corrections, and the legal and philosophical basis for the punishment of criminal offenders. Study will include the role of corrections as one of the three major components of the criminal justice system.
Prerequisite: CRJU 1150 or (PARA 1101 and PARA 2207).

CRJU 3300 – Community Corrections (3-0-3)
This course explores the relationship between the correctional system, prisons, and the community. It examines the community-based alternatives to incarceration, including but not limited to probation and parole. It examines the historical development of major correctional programs based in the community, and explores the current vision of community corrections. Concepts and problems in administration, organization, investigation, and supervision are discussed. Selection and discharge process will be examined.
Prerequisite: CRJU 1150

CRJU 3343 - Principles of Public Administration (3-0-3)
Public Administration examines the methods and procedures of governmental administration and the control of public bureaucracies in democratic societies.
Prerequisite(s): HIST 2111 (C) or HIST 2112 (C), POLS 1101 (C), junior or senior standing.

CRJU 3400 – Courts in the United States (3-0-3)
This course offers a general understanding of the processes and functions of criminal court systems in the United States. The following topics will be examined: the historical development of criminal courts; different types of la; characteristics of Federal and state courts; functions and responsibilities of prosecutors, defense attorneys, and judges; the criminal trial process; plea bargaining; sentencing options and decisions; and characteristics of appellate courts.
Prerequisite: CRJU 1150 or (PARA 1101 and PARA 2207).

CRJU 3410 - Criminal Law and Procedures (3-0-3)
An overview criminal law and of the fundamental elements of criminal procedures including methods and rules of police investigation and arrest, adjudication, sentencing, and appellate review by higher courts.
Prerequisite: CRJU 1150

CRJU 3420 - Constitutional Law (3-0-3)
A study of the application, interpretation, and enforcement of relevant constitutional law and related Supreme Court decisions to careers in public service.
Prerequisite: CRJU 1150 or (PARA 1101 and PARA 2207).

CRJU 3600 - Juvenile Justice (3-0-3)
This course provides students with an in-depth view of the juvenile justice system in the United States focusing on crime patterns, police-juvenile relations, juvenile courts, and corrections practices.
Prerequisite: CRJU 1150 or (PARA 1101 and PARA 2207).

CRJU 3700 – Victimology (3-0-3)
This course offer a multidisciplinary overview of criminal victimization including the legal and philosophical issues regarding victimization, social science research into victimization, theories of victimization, the role of victims in criminal justice and legal system and the social and psychological impacts of victimization.
Prerequisite: CRJU 1150

CRJU 3800 – Restorative Community Justice (3-0-3)
This course offers a critical examination of the historical and philosophical roots, the principles and practices of an alternative model of justice, which contrary to its retributive counterpart encompasses active participation of all key stakeholders (victims, offenders, and the community) in the process of healing the multiple harms caused by predatory crime; a model of justice broadly known as Restorative Community Justice.
Prerequisite: CRJU 1150

CRJU 4150 – Crime Prevention (3-0-3)
This course is designed to introduce students to the topic of crime prevention. Specifically, students will examine theories of crime prevention and focus on crime prevention strategies employed by various agencies to help reduce crime opportunities and the chances of victimization.
Prerequisite: CRJU 1150

CRJU 4200 - Criminal Justice Ethics (3-0-3)
This course examines the ethical considerations facing the criminal justice practitioner. Topics include determining moral behavior, ethics and law enforcement, ethics and the courts, ethics and corrections, policy and management issues.
Prerequisite: CRJU 1150 or (PARA 1101 and PARA 2207).

CRJU 4301 – Cold Cases (3-0-3)
This course provides students with a historical understanding of how Cold Cases developed in the United States, and provides an evaluation model for Cold Cases with an actual case file for students to evaluate.
Prerequisite: CRJU 1150

CRJU 4420 – Law and Society (3-0-3)
This course examines the relationship between formal law and social institutions. Specifically, the course will focus on the U.S. Constitution, theories of law and law creation, law and inequality, law as a vehicle for social change, and the role of law in modern American society. Some effort will be made to compare law in dominant U.S. society to the development and function of law in other societies.
Prerequisite: CRJU 1150 or SOCI 1101 or (PARA 1101 and PARA 2207).

CRJU 4424 - Judicial Process (3-0-3)
Judicial Process examines courts and judges as agents in the political system; focus is on the judicial decision-making process, with attention to psychological and other variables in that process. Relation of judicial process to legislative, administrative and electoral processes emphasized.
Prerequisite(s): HIST 2111 (C) or HIST 2112 (C), POLS 1101 (C), junior or senior standing.

CRJU 4425 – Capital Punishment (3-0-3)
This course examines a range of issues concerning the death penalty as it is currently practiced in the United States. Topics include constitutional challenges to the death penalty, the role of judges, prosecutors and defense attorneys in implementing the death penalty, the process of jury selection and deliberation in capital cases as well the many arguments for and against the death penalty.
Prerequisite(s): CRJU 1150.

CRJU 4426 - Civil Liberties (3-0-3)
Civil Liberties is an intensive study of the rights of Americans as guaranteed by the Constitution. The changing character of civil liberties problems in the United States will be stressed with attention given to the legal, historical and political context of the cases studied.
Prerequisite(s): HIST 2111 (C) or HIST 2112 (C), POLS 1101 (C), junior or senior standing.

CRJU 4501 - Research Methods and Program Evaluation (3-0-3)
This course provides an introduction to concepts and techniques of social science research and program evaluation. The course will focus on research design, use of computer and statistical packages, data collection and interpretation, the relationship between theory and research and the writing of scientific research reports.
Prerequisite(s): CRJU 1150 and CRJU 3100.

CRJU 4550 – White Collar Crime (3-0-3)
This course provides a general overview of the topic of white collar crime with a focus on the following topics: definitional dilemmas; occupational and corporate white collar crime; victims of white collar crime; the financial, social, human impact of white collar crime; theoretical explanations; and the regulation and punishments of white collar crime offenders.
Prerequisite: CRJU 1150

CRJU 4601 – Urban Ethnography (3-0-3)
This course introduces students to the various theoretical and practical issues associated with qualitative field research/ethnographic work in Criminal Justice and other Social Sciences. It also explores how field research may enhance our understanding of significant social behaviors and interactions.
Prerequisite: CRJU 1150 or SOCI 1101

CRJU 4700 – Writing and Research in Criminal Justice (3-0-3)
This course provides an overview of the research writing process in subject areas central to the field of criminal justice. Students will learn the general format of academic research papers with particular attention given to generating ideas, critically thinking and reading, drafting and revising, research, documentation, and gr ammar processes. Students will also be required to make an oral and written presentation of their independent research.
Prerequisite: CRJU 1150

CRJU 4800 - Selected Topics in Criminal Justice (3-0-3)
An exploration of contemporary topics and issues in the field of criminal justice. This course may be repeated for credit when the topic varies.
Prerequisite: CRJU 1150

CRJU 4901 - Criminal Justice Internship I (0-V-3)
A structured off-sight experience in a supervised setting combined with scholarly research on a topic related to the internship experience.
Prerequisite: Junior or Senior standing and approval of instructor.

CRJU 4902 - Criminal Justice Internship II (0-V-3)
A structured off-sight experience in a supervised setting combined with scholarly research on a topic related to the internship experience.
Prerequisite: Junior or Senior standing and approval of instructor.

Dance (DANC)

DANC 3250 – Dance for the Stage I (2-2-3)
Practice and principles of fundamentals and stylistic characteristics common to ballet, jazz, and modern dance and their application to staged musical productions. F or music majors.

DANC 3251 – Dance for the Stage II (2-2-3)
Continued practice and pr inciples of dance styles and their application to staged musical productions, with an emphasis on modern styles. For music majors
Pre-requisite: DANC 3250

DANC 4250 – Choreography (2-2-3)
Further exploration of methods learned in Dance for the Stage and application of the

fundamentals of dance composition to choreographic projects with attention to overall structure. The course also explores and analyzes problems in dance performances.
Pre-requisite: DANC 3250

Dental Hygiene (DHYG)

DHYG 3100 - Introduction to the Dental Hygiene Profession (3-0-3)
An introduction to the profession of dental hygiene including topics such as health history, medical disease, and vital signs. The introduction to clinical practice focuses on techniques needed for sterilization/disinfection procedures, patient/operator positioning, oral prophylaxis procedures including the removal of hard and soft deposits, patient education, and treatment planning. The dental hygiene portfolio will be introduced and implemented in this course. A dental hygiene writing assessment will be administered and referrals recommended if student need is demonstrated.
Prerequisite(s): B.S.D.H. Admission.
Corequisite(s): DHYG 3100C.

DHYG 3101 – Professional Development in Dental Hygiene (3-2-4)
An exploration of current informatics and instructional technology, legal and ethical issues, interdisciplinary practice, emerging employment opportunities for the dental hygienist and an introduction to evidence-based decision making is provided. The directed field experiences will focus on treatment of the patient with advanced periodontal disease, practice management and marketing in the dental environment.
Prerequisite(s): Licensed or licensure eligible dental hygienists who hold an associate degree in dental hygiene.
Corequisite(s): None
Other restrictions: Transition course prior to entry into RDH-BSDH Degree Completion Program

DHYG 3100C - Introduction to Clinical Dental Hygiene (0-6-2)
Utilizing the knowledge obtained in the DHYG3100 course, this clinical course will orient students to instruments, procedures and materials used in the practice of dental hygiene. Clinical practice on student partners will emphasize the comprehensive study of oral prophylaxis procedures, including the removal of hard and soft deposits, patient education, treatment planning and infection control.
Prerequisite(s): B.S.D.H. Admission.
Corequisite(s): DHYG 3100.

DHYG 3110L - Dental Anatomy Laboratory (0-2-1)
A laboratory study of hard tissues of the head and oral cavity with an emphasis on applications to dental hygiene practice. This course consists of a detailed study of the anatomy of the human dentition and the bones of the skull in the laboratory setting. Students will also draw and carve selected teeth.
Prerequisite(s): B.S.D.H. Admission.

DHYG 3120 - Dental Radiology (2-0-2)
A comprehensive study of the principles of ionizing radiation and application of radiographic theory in dental hygiene practice. Radiation hygiene for operator and patient safety is emphasized. A radiation safety examination must be successfully completed in order to receive a grade for this course.
Prerequisite(s): B.S.D.H. Admission.
Corequisite(s): DHYG 3120L

DHYG 3120L - Dental Radiology Laboratory (0-2-1)
The techniques of exposing, processing, and mounting dental radiographs in a clinical setting will be presented and practiced using manikins then clinical patients. Radiographic anatomic landmarks are presented and studied for interpretation along with radiographic evidence of pathology. Radiation hygiene for operator and patient safety is emphasized.
Corequisite(s): DHYG 3120.

DHYG 3200 - Transitional Dental Hygiene (2-0-2)

A continuation of DHYG 3100. Emphasized for discussion are oral prophylaxis techniques, the handling of medical and dental emergencies, local anesthesia techniques, the care and maintenance of dental instruments, equipment, supplies and dental records. Methods and materials used in individual patient education for a variety of age groups will be presented. Clinical lectures are designed to enhance student's clinical practice of dental hygiene through discussion of experiences encountered in clinic. The dental hygiene portfolio will continue to be developed in this course.

Prerequisite(s): DHYG 3100.

Corequisite(s): DHYG 3200C.

DHYG 3200C - Transitional Clinical Dental (0-8-3)

Clinical practice is utilized in this course to emphasize the refinement of skills in the performance of dental prophylaxis, application of preventive agents, and oral examination as an introduction to treatment planning. Students will begin using a computer generated recall and appointment system in this course. This course provides clinical application of the dental hygiene problem-solving model. During clinical practice, students will gain experience in patient management, appointment planning, assessment, planning, implementation and evaluation of dental hygiene care.

Prerequisite(s): DHYG 3100C.

Corequisite(s): DHYG 3200.

DHYG 3210 - Integrative Dental Anatomy and Histology (2-0-2)

A developmental and anatomical study of the soft tissues of the head, neck and oral cavity. This course provides a study of embryonic growth and development of these structures, tissue histology, soft tissue anatomy and the relationship of these structures to the body's major organ systems. Emphasis is given throughout to those areas of particular interest to the dental hygienist.

Prerequisite: BSDH Admission

Corequisite: DHYG 3110L

DHYG 3230 - Dental Materials (2-0-2)

Students are introduced to the basic principles of dental materials science. This includes the physical, chemical, biological, and mechanical properties of dental materials commonly used in the dental office and dental laboratory. Emphasis is placed on why particular materials and techniques are used rather than to stress only specific techniques of manipulating the materials.

Prerequisite(s): B.S.D.H. Admission.

DHYG 3230L - Dental Materials Laboratory (0-2-1)

Selected dental materials are manipulated to enhance the student's application of the principles of dental materials science. Emphasis is placed on why particular materials and techniques are used, and on how dental materials can be safely handled. The primary goal of the course is to enhance the student's ability to make clinical judgments regarding the use and care of dental materials based on how these materials react in the oral environment.

Corequisite(s): DHYG 3230.

DHYG 3240 - Introduction to Periodontics (2-0-2)

This course is a survey of periodontics providing an overview in identification, treatment and prevention of periodontal disease as it relates primarily to the dental hygienist. Emphasis is placed on departures from normal periodontal architecture; the etiologies associated with these abnormalities and indicated dental hygiene treatment.

Prerequisite(s): B.S.D.H. Admission.

DHYG 3300C - Clinical Dental Hygiene (0-2-1)

Clinical practice is utilized in this course to emphasize the refinement of skill in the performance of dental, application of preventive agents, and oral examination as an introduction to treatment planning. Assessment is provided through daily clinical

evaluations. The student will demonstrate critical thinking with the interpretation of accumulated information concerning the treatment of individual patients. This course provides clinical application of the dental hygiene program-solving model. During clinical practice, students will gain experience in-patient management, appointment planning, assessment planning, implementation and evaluation for dent hygiene care.
Prerequisites: DHYG 3200C or licensed R.D.H.

DHYG 3382 - Clinical Pharmacology (2-0-2)
This course provides students with an in-depth and comprehensive knowledge and understanding of pharmacology as it relates to clinical application in health professions. This course will highlight major drug classifications with emphasis on the general therapeutic rationale for drug therapy, mechanisms of oaction, pharmacokinetic concepts, and pharmacodynamic principles.

DHYG 3382L - Seminar in Dental Hygiene Pharmacology (0-2-1)
The seminar will examine the use of pharmaceutical agents in the dental office. Students will identify important considerations in the health maintenance and management of patients with special emphasis on commonly prescribed oral health products.
Prerequisite(s) or Corequisite(s): HSCI 3382 - Clinical Pharmacology

DHYG 4200 – Research for Evidence-Based Practice (DHYG/NURS 4500-90)
An introduction to the research process and the skills required to interpret, evaluate, and integrate knowledge generated from research as a foundation for evidence-based practice. Human subject's rights and ethical aspects of research are discussed. Scientific investigation is studied as a method of evaluating and improving professional practice.
Prerequisite(s): Statistics or the equivalent
Corequisite(s): None
Other restrictions: None

DHYG 4300 - Advanced Dental Hygiene I (2-0-2)
A continuation of DHYG 3200. Principles are introduced in advanced procedures including but not limited to sonic and ultrasonic instrumentation, root planing, gingival curettage, care of dental implants, abrasive polishing devices, phase microscope, oral irrigation and advanced home care techniques. The research poster will be introduced and implemented and the student will continue to develop their dental hygiene portfolio.
Prerequisite(s): DHYG 3200.
Corequisite(s): DHYG 4300C.

DHYG 4300C - Advanced Clinical Dental Hygiene I (0-12-4)
Emphasis is placed on improving skills in dental prophylaxis, instrument sharpening, radiographic technique and dental health treatment planning coordinated with appropriate chair-side dental health instruction. Advanced procedures introduced in DHYG 4300 are practiced and clinical experiences enhanced through participation in externships.
Prerequisite(s): DHYG 3200C.
Corequisite(s): DHYG 4300.

DHYG 4301 - Educational Strategies and Internship (2-3-3)
The principles of clinical and didactic educational strategies will be introduced. Development of objectives, course content, presentation methods and evaluation of content related to dental hygiene students will be expected for course completion. The internship includes didactic and clinical/laboratory instruction for dental hygiene students.
Prerequisite(s): R.D.H. licensure in Georgia.

DHYG 4310 - Dental Pathology (3-0-3)
The student is introduced to the principles of general pathology, oral pathology, and oral medicine related to the etiology, progression, recognition, and treatment of numerous pathological conditions. Course content focuses on pathology of oral

structures, oral manifestations of systemic diseases and pathologic identification of infectious diseases. Emphasis is placed on the importance of early recognition by the dental hygienist of abnormal oral conditions
Prerequisite(s): B.S.D.H. Admission.

DHYG 4320 - Advanced Periodontics (3-0-3)
The current American Academy of Periodontics classification system for periodontal diseases and conditions will be explored in detail and advanced treatment modalities for the periodontally involved patient will be examined. B.S.D.H. students will participate in the evaluation, management, and treatment of the periodontally involved patient within the dental hygiene clinic setting. B.A.S.D.H. students will participate in a directed field experience that will concentrate on the dental hygiene diagnosis and treatment of advanced periodontal diseases and conditions.
Prerequisite(s): B.S.D.H. Admission or R.D.H. licensure in Georgia.

DHYG 4400 - Advanced Dental Hygiene II (2-0-2)
A continuation of DHYG 4300. Principles are introduced in advanced procedures including but not limited to application of pit and fissure sealants, dentinal hypersensitivity treatments, debonding and use of the PSR system. Legal, ethical, and management aspects of the dental care system, laws and rules governing dental and dental hygiene practice, career alternatives, job searching skills and an overview of the dental specialties are also presented for discussion. The research poster will be refined and presented to various groups and the dental hygiene portfolio will be finalized in this course.
Prerequisite(s): DHYG 4300.
Corequisite(s): DHYG 4400C.

DHYG 4400C - Advanced Clinical Dental Hygiene II (0-12-4)
Clinical experiences center on improving proficiency and increasing efficiency in all areas of applied dental hygiene, dental radiography, and treatment planning for total dental hygiene care. Clinical experiences are enhanced through participation in externships and directed field experiences.
Prerequisite(s): DHYG 4300C.
Corequisite(s): DHYG 4400.

DHYG 4410 - Community Dental Health (2-3-3)
The study of dental health as a community problem with emphasis on theory and practice of dental public health and preventive dentistry, and the role of the dental hygienist in promoting dental health on community, state, and national levels. The practice of dental health as a community problem will be emphasized. Students will be required to teach dental health in a variety of settings. Local, state, national and/or international opportunities may be made available to the student in order to fulfill the requirements of this course.
Prerequisite(s): B.S.D.H. Admission.

DHYG 4420 - Management/Marketing in the Dental Environment (3-0-3)
The principles and practice of dental administration, including the concepts of patient, office and dental team management will be presented for discussion. An analytical approach to planning, controlling and ordering the inventory/supplies system for a dental office will be conducted as well as a study of related financial management concepts. Strategies are also discussed on the marketing/promoting of dental services and dental products to dental professionals and the general public.
Prerequisite(s): B.S.D.H. Admission or R.D.H. licensure in Georgia.

DHYG 4500 – Contemporary Community Roles (2-0-2)
This course provides students with the opportunity to explore the roles and responsibilities of the dental hygiene change agent in the public health arena in order to communicate effectively with groups from culturally diverse populations. Students will discuss the current status of oral health care delivery systems for pediatric and geriatric patients, strategies for creating dental hygiene employment opportunities within public health settings and facilitate access to comprehensive oral health services in a variety of settings. (2-0-2)

Prerequisite(s): Licensed dental hygienists who hold an associate degree in dental hygiene, DHYG 3101
Corequisite(s): None
Other restrictions: None

DHYG 4900 - Independent Study in Dental Hygiene (variable (3-0-3) to (0-9-3))
This capstone course will allow the student to select an area of interest to further enhance their knowledge, experience and options. Career goals will be enhanced through an individually selected project. This course must be taken at Clayton State University during the last semester of enrollment in the program.
Prerequisite(s): R.D.H. licensure in Georgia.

Economics (ECON)

ECON 1101 - Survey of Economics (3-0-3)
A survey course for non-business majors. Topics include factors which determine economic behavior, marginal productivity analysis, graphic models, national income analysis, and the importance of the globalization. Particular emphasis is given to the study of fiscal and monetary policies, and their impact on industry and on world trade. This course may not be taken for credit if a student has earned credit in ECON 2105 or ECON 2106 or their equivalents.
Prerequisite(s): MATH 1101 (C) or MATH 1111 (C), or higher based upon Math placement scores.

ECON 2105 - Principles of Macroeconomics (3-0-3)
An introductory survey of macroeconomics principles; the scope and method of economics, basic supply and demand theory, money and prices, national income analysis, and economic stabilization.
Prerequisite(s): MATH 1101 or MATH 1111 or higher based upon Math placement scores.

ECON 2106 - Principles of Microeconomics (3-0-3)
Application of microeconomics principles to economic problems; the theory of production, market structures, income distribution, government regulation and business, labor organization, and international trade.
Prerequisite(s): MATH 1101 or MATH 1111 or higher based upon Math placement scores.

ECON 4800 – Selected Topics in Economics (3-0-3)
A detailed examination of selected topics in Economics.
Prerequisite(s): ECON 2105 (C) or ECON 2106 (C)

Education (EDUC)

EDUC 2110 - Investigating Critical and Contemporary Issues in Education (3-0-3)
This course engages students in observations, interactions, and analyses of critical and contemporary educational issues. Students will investigate issues influencing the contemporary contexts. Students will experience a minimum of 10 hours of field-based learning in authentic school settings, and this learning will be specifically and reflectively connected to core course content.

EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3-0-3)
Given the rapidly changing demographics in our state and country this course is designed to equip future teachers with the fundamental knowledge of understanding culture and teaching children from diverse backgrounds. Specifically, this course is designed to examine 1) the nature and function of culture; 2) the development of individual and group cultural identity; 3) definitions and implications of diversity, and 4)

the influences of culture on learning, development, and pedagogy. Students will experience a minimum of 10 hours of field-based learning in authentic school settings, and this learning will be specifically and reflectively connected to core course content.

EDUC 2130 - Exploring Learning and Teaching (3-0-3)
Explore key aspects of learning and teaching through examining your own learning processes and those of others, with the goal of applying your knowledge to enhance the learning of all pupils in a variety of educational setting and contexts. Students will experience a minimum of 10 hours of field-based learning in authentic school settings, and this learning will be specifically and reflectively connected to core course content.

EDUC 3000 - Teacher Education Seminar I (1-0-1)
Junior year seminar to meet specific requirements of the teacher education program. Includes assessment of communication skills, writing skills, speaking (videotaping), use of technology, etc. Required of all middle level teacher education students. May Involve off-campus visitation. M ust be taken both semesters of junior year. Institutional Credit only.
Prerequisite : Admission to the teacher education program.
Absolute Corequisite: EDUC 3010.

EDUC 3001 - Teacher Education Curriculum Seminar (1-0-1)
Junior year seminar to meet specific requirements as related to EDUC 3350 field-based course. This seminar will address topics of discussion in preparation for and follow-up from field-based lectures and observations made in middle school buildings. It is required of all middle level education students, and must be taken with EDUC 3350 – Instructional Strategies for Individual and Interdisciplinary teaching.
Absolute Corequisite(s): EDUC 3350.
Concurrent Prerequisite(s): EDUC 3000 or EDUC 3010.

EDUC 3010 - Cognitive, Social/Affective and Physical Aspects of the Middle Level Learner (3-0-3)
This site-based course is an exploration into the cognitive, social, affective, and physical aspects of the middle level learner. Varied teaching techniques will be used and discussed, with a particular emphasis on v erifying concepts learned in class through experiences with middle level learners in individual and group settings. Taught on-site at middle schools. R equired of all middle level teacher education majors.
Absolute Corequisite(s): EDUC 3000.

EDUC 3020 - Instructional Technology for Teachers (2-2-3)
A basic instructional technology course for teaching how to integrate technology in the curriculum. The course introduces concepts, skills and strategies for using technology in the teaching and learning process. This course is required of all middle level teacher education majors.

EDUC 3030 - Exploring the Exceptional Learner (2-2-3)
A survey of the basic characteristics and educational needs of children and youth who require special or exceptional education services in school. The course covers techniques that help the classroom teacher identify and refer students who may need special services. This course will assist pre-/in-service teachers apply their knowledge of each exceptionality by adapting their teaching techniques to meet the needs of special students. Emphasis will focus on recognizing attributes of emotional, intellectual, physical and social aspects of exceptional learners. School-site and/or special needs agency observations are required. (This course is designed to meet the requirements of Georgia House Bill 671).

EDUC 3032 - Characteristics and Instructional Strategies for Students with Exceptionalities (3-0-3)
This course prepares Special Education General Curriculum Endorsement candidates to become effective teachers of students with exceptionalities at the elementary, middle, and secondary level. Students will explore the methods and texts vital to a

working with students with various exceptionalities. Students will also develop teaching materials appropriate for use in special education classrooms.

EDUC 3033 - Individual & Classroom Management for Students with Exceptionalities (3-0-3)

This course prepares teacher candidates to become effective classroom managers of students with exceptionalities at the elementary, middle, and secondary level. Students will explore management strategies for use in exceptional classroom settings. A review of current texts and management strategies will be explored and students will also develop management plans appropriate for use in special education classrooms.

EDUC 3034 - Educational Evaluation of Exceptional Students (3-0-3)

This course prepares teacher candidates to become evaluators of the educational needs of student students with exceptionalities at the elementary, middle, and secondary level. Students will explore the evaluative methods and techniques used to evaluate the needs of students so as to provide exceptional students with the best possible education experience. Developing an un derstanding of current testing instruments and evaluative tools will be a key component of this course.

EDUC 3035 - Curriculum & Instruction for Teaching Students with Mild Disabilities (3-0-3)

A study of characteristics, nature, and features of students with mild disabilities. Emphasis will be on selecting, designing, and adapting curriculum and instruction for students with mild disabilities ensuring fullest participation in regular classroom setting.

EDUC 3036 - Introduction to Materials and Methods in Reading Instruction (3-0-3)

Intended for students who do not have a background in education or who are not majoring in language and literacy education. This course introduces students to classroom approaches to reading instruction. Foci include examination of how children learn to read and analysis of specific strategies and materials used to teach reading to students with exceptionalities.

EDUC 3037 - Practicum: Special Education General Curriculum: Consultative (3-0-3)

The practicum is designed to provide the opportunity for students to demonstrate instructional management (e.g., IEPs, grouping, scheduling), classroom instruction (e.g., assessment, planning, management, instruction, evaluation), and pr ogram management (e.g., referrals, inclusion, collaboration) skills that have been learned in the program. It is during this practicum that students confirm that they have mastered those skills needed to independently teach students with and without disabilities. The final practicum involves a minimum of 7 hours a day for 12 consecutive weeks during one semester in a public school setting.

EDUC3040 - Principles and Strategies for Teaching English Language Learners (3-0-3)

The focus of this course is to share a variety of instructional strategies that support English Language Learners. This course provides educators with knowledge of key principles and methodologies that undergird and support English language acquisition. Topics include first and second language acquisition models, variables affecting limited English proficient learners, learning strategy research, and instructional strategies for developing English proficiency.

EDUC 3200 - Secondary School Curriculum and Assessment (3-1-3)

This course is designed to offer a critical examination of standards and other influences on the modern secondary education curriculum. The course will provide an overview of the theories and application of developing the secondary school curriculum and instructional strategies, current trends, problems and challenges posed to the curriculum. Additionally, the course will study the rise of the assessment movement, its importance, and its use in the classroom. Candidates will explore teaching, learning and assessment strategies along with using instructional technologies, materials and resources for appropriate learning. Field experience is required. Candidates must be admitted to a secondary education program, have junior/senior standing and proof of liability insurance to participate in the course.

Prerequisite(s): EDUC 2110, EDUC 2120 and EDUC 2130

EDUC 3210 - Classroom Methods and Management (3-1-3)
This course is designed to examine theories of discipline and motivation. It will focus on principles of classroom management and organization, building relationships and rapport, and considering alternative behavior management plans. In addition, candidates will learn teaching methods such as the use of time, space, and materials for instruction as management techniques. Topics will address how knowledge of general teaching methods and classroom management may improve teacher quality and student outcomes, including closing the achievement gap. Candidates will learn general methods for teaching English Language Learners (ELL), and differentiation of instruction for diverse learners. Field experience is required. Candidates must be admitted to a secondary education program, have junior/senior standing and proof of liability insurance to participate in the course.
Prerequisite(s): EDUC 2110, EDUC 2120 and EDUC 2130.

EDUC 3350 - Instructional Strategies for Individual and Interdisciplinary Teaching (3-0-3)
This site-based course provides students the opportunity to understand the unique characteristics of the middle school as well as the instructional strategies that teachers in the middle school use to meet the diverse needs of the young adolescent student. Instruction will focus on the organizational structure of the middle school, role of support personnel, instructional strategies, motivation and discipline, effective elements of instruction, and evaluation. Students will work with the development of thematic units which utilize current curricular models and instructional strategies to support an academic team approach to teaching the middle level learner. Taught on site at middle schools. Required of all middle level teacher education majors.
Prerequisite(s): EDUC 3010.
Corequisite(s): EDUC 3000.

EDUC 4001 - Teacher Education Seminar II (1-0-1)
Senior seminar to meet specific requirements of the teacher education program and related experiences in the fall semester internship course. The course is the fall semester seminar portion of the full academic year internship. It is designed to amalgamate and assimilate interns' field-experiences with theory, investigation, and understanding of best practices for teaching middle-level learners. Special seminar topics for dialogue and discourse will focus on support services for special needs students, classroom management strategies, teaching and learning for diverse learners and effective instruction. Required of all middle-level teacher education majors. Must be taken first semester of senior year. Admission to the teacher education program is required. Institutional credit only. Senior standing.
Prerequisite(s): EDUC 3000 (C), EDUC 3010 (C), EDUC 3350 (C), and EDUC 4710 (C),

EDUC 4002 - Teacher Education Seminar III (1-0-1)
This course is the senior seminar for the Spring Semester portion of a full academic year internship (August-May). It addresses topics dealing with methods, materials, and skills appropriate for teaching all learners. This seminar occurs concurrently with the Middle Level Internship II. The design of this course augments the classroom experience of interns through action research studies, projects, and seminar topics, which includes university faculty as well as school-based teachers, administrators and resource persons. This seminar allows interns opportunities to discuss various teaching experiences, issues and concerns while student teaching. Special topics will address learning strategies for instructing diverse and special needs pupils. Admission to the teacher education program required. Senior standing.
Prerequisite(s): EDUC 4001 (C), EDUC 4710 (C), EDUC 4712 (C), and EDUC 4720 (C).

EDUC 4050 Cultural Perspectives for Teachers of English Language Learners (3-0-3)
This course focuses on cultural patterns of thought, communication and behavior, paying particular attention to the interests and needs of teachers who teach English Language Learners. The course will give students insight into how intercultural communication factors affect the success and performance of students in K-12

settings by investigating and evaluating the relationships between the culture, behavior and communication of students, teachers, administrators, parents and community groups.

EDUC 4060 - Applied Linguistics for Teachers of English Language Learners (3-0-3)
This course provides an introduction to language as a system, with a particular focus on teaching English as a second language to students in public schools, Grades Pre K-12. Among the topics addressed are: first and second language acquisition processes; English phonology, morphology, syntax, and discourse; implications for teaching English language learners the four language skills – listening, speaking, reading, and writing; and implications for teaching content-specific language (math, science, social studies).

EDUC 4700 Gifted Clinical Practice Internship (3-0-3)
This course is the internship for a four-course Gifted-in-Field Endorsement Program. Considerable time will be spent allowing students to test basic principles and techniques in gifted and creative education and to relate theory to practice in selected settings. This internship requires at least 20 hours of practical application of information learned in previous or concurrent courses. Participants will observe practicing teachers with gifted endorsements in gifted classrooms, and perform a number of duties that are required of those teachers. Participants will implement a seven-lesson unit plan and conduct a case study of a gifted student.

EDUC 4701 - Characteristics of Multicultural Gifted Learners (3-0-3)
This is course one of a four course Gifted-in-Field Endorsement Program. This course is an introduction to the characteristics, development and needs of the gifted learner. Here, candidates will explore, the unique academic, cultural, social, and emotional challenges that gifted students and their teachers face; and, theories, research, and practice concerned with recognizing and developing the gifts and talents of children from diverse cultural backgrounds. The course requirements include presentations on special gifted populations. Also included is a history of gifted education. Students will be required to partake in field experiences.

EDUC 4702 Identification and Assessment of Gifted Learners (3-0-3)
This course focuses on Georgia's procedures used for identification and assessment of gifted learners. In this course, current identification of, and assessment practices for, gifted students are reviewed within a framework of a broadened view of giftedness. Connections are made between identification and assessment, and the provision of appropriate interventions is closely examined. Students will be required to partake in field experiences.

EDUC 4703 Curriculum and Strategies for Gifted Learners (3-0-3)
This course focuses on the development of curriculum content and teaching materials for students identified as talented and gifted. Considerable time will be spent on management and organizing of learning experiences and utilizing a variety of teaching methods. Participants model and prepare lessons with flexible grouping based on readiness level, interests or learning profile. Students will be required to partake in field experiences.

EDUC 4704 Program Development For Gifted Learners (3-0-3)
This course provides a study of curriculum models designed to serve the gifted learner and high achieving students, with emphasis on the state approved delivery models in Georgia, K-12 and developing curricular patterns which include subject or skill, core, interest, process, experiential bases of operations, and modular designs of community involvement. The course requirements include the development of curriculum and learning activities that will have greatest applicability and usability within the local school system. Students will be required to partake in field experiences.

EDUC 4710 - Middle Level Internship I (1-0-1)
This course is the Fall Semester portion of the academic year long internship that introduces interns to the middle school, its support services and school community agencies. Students must participate in preplanning and the first week of classes. They

maintain weekly contact (minimum of nine hours) with their assigned school and attend a weekly campus seminar (EDUC 4001). The mentor teachers and interns implement a co-teaching model that allows the interns to observe, practice, assess, and reflect best teaching practices. Interns focus attention on the diversity of pupils, special needs of learners, and individual learning styles as well as how learning is influenced. Admission to the teacher education program is required.
Prerequisite(s): EDUC 3000 (C), EDUC 3010 (C), EDUC 3350 (C).
Corequisite(s): EDUC 4001 (C).

EDUC 4712 - Middle Level Internship II-A (Grades 4-8): Arts and Sciences Observation Component (0-9-3)
This course is part of the Spring Semester portion of a full academic year internship (mid-August to mid-May). Internship II is a full-time teaching assignment in grades 4-8 in the student's major (mathematics, science, social students, and/or language arts). Arts and Sciences content-area faculty observe and assess this component of the internship.
Prerequisite(s): EDUC 4710.
Absolute Corequisite(s): EDUC 4720.

EDUC 4720 - Middle Level Internship II (1-0-1)
This Spring Semester course is a continuation of the yearlong Middle Level Internship. The internship is a full-time (in-field, content specific), sixteen-week, directed classroom experience (grades 4 - 8). It is a period of guided teaching during which the intern teacher, under the direction of a mentor teacher, takes increasing responsibility for learners and engages in many of the activities, that constitute the range of a teacher's assigned duties. Emphasis will be placed on working with diverse and special needs learners within the regular classroom. Interns will observe teachers and pupils in elementary and high schools when appropriate. Additionally, interns must attend an on-campus seminar (one afternoon per week) taught by CSU faculty members and/or resource persons. Admission to the teacher education program required. Senior standing.
Prerequisite(s): EDUC 4001 (C), EDUC 4710 (C).
Corequisite(s): EDUC 4002 (C), EDUC 4712 (C).

EDUC 4725 -Secondary Practicum (0-12-2)
This course is the practicum portion of the clinical experience in secondary education required during fall semester. The practicum teaching experience is a two-day in field, 15-week, directed classroom experience (grades 6-12). Admission to a secondary education program and senior standing are required. Candidates must have proof of liability insurance to participate in the course.
Prerequisites: EDUC 3210 (C)

EDUC 4730 - Secondary Level Internship (0-36-3)
This course is a clinical experience in secondary education, during spring semester. Student teaching is a full-time (content-specific, in-field), 15-week, directed classroom experience (grades 6-12). Student teachers, under the direction of a mentor teacher, take increasing responsibility for learners and engage in many of the activities that constitute the range of a teacher's assigned duties. Emphasis will be placed on working with diverse and special needs learners within the regular classroom, utilizing technology, managing classrooms, understanding assessment, and familiarizing oneself with the school, its resources, and surrounding community. A dditionally, interns must attend an on-campus seminar one afternoon per week taught by CSU faculty members and/or resource persons. A dmission to a bachelor's program in biology, history, English, or mathematics with emphasis in secondary education and senior standing are required. Candidates must have proof of liability insurance to participate in the course.
Prerequisite(s): EDUC 3030, EDUC 3200 & EDUC 3210.
Absolute Co-requisite(s): EDUC 4003.

EDUC 4731—Secondary Internship II (0-36-3)
This course is the content specific portion of the clinical experience in secondary education required during spring semester. Student teaching is a full-time (content-

specific, in-field), 15-week, directed classroom experience (grades 6-12). Admission to a secondary education program and senior standing are required. Candidates must have proof of liability insurance to participate in the course.
Prerequisite: EDUC 4725
Corequisites: EDUC 4730 and 4003

EDUC 4800 Special Topics in Education (3-0-3)
This course will involve a detailed examination of selected topics in the field of education. The course may be repeated when new topics are addressed.

English (ENGL)

ENGL 1101 - English Composition I (3-0-3)
A composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation, and also including introductory use of a variety of research skills. [Notes: (1) Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course. (2) A grade of C or better (or K) is required in ENGL 1101 prior to enrollment in ENGL 1102. Grades of D in ENGL 1101 will not count toward graduation in any degree program.]

ENGL 1102 - English Composition II (3-0-3)
A literature based composition course that develops writing skills beyond the levels of proficiency required by ENGL 1101, that emphasizes interpretation and evaluation, and that incorporates a variety of more advanced research skills. A *C* or better is required to pass this course.
Prerequisite(s): ENGL 1101(C).

ENGL 2111 - World Literature I - Pre-Modern (3-0-3)
A survey of important works of world literature from ancient times through the mid-seventeenth century viewed in both historical and contemporary perspectives. (Works are read in translation where necessary.) Critical thinking and communication skills are emphasized.
Prerequisite(s): ENGL 1102 (C).

ENGL 2112 - World Literature II - Modern (3-0-3)
A survey of important works of world literature from the mid-seventeenth century to the present viewed in both historical and contemporary perspectives. (Works are read in translation where necessary.) Critical thinking and communication skills are emphasized.
Prerequisite(s): ENGL 1102 (C).

ENGL 2121 –British Literature I (3-0-3)
A survey of important works of British Literature from the Old English period through the neoclassical age. This includes English literature from its roots in Anglo-Saxon through its development in Great Britain and its global development outside the United States through approximately 1800.
Prerequisite(s): ENGL 1102 (C).

ENGL 2122 -British Literature II (3-0-3)
A survey of important works of British Literature from the Romantic Era to the present. This includes the global development of English literature outside the United States from approximately 1800 to the present.
Prerequisite(s): ENGL 1102 (C).

ENGL 2131 - American Literature I (3-0-3)
Major works of American Literature from the late 16th century through the mid-19th century, including those outside the traditional canon.
Prerequisite(s): ENGL 1102 (C).

ENGL 2132 - American Literature II (3-0-3)
Major works of American Literature from the mid-19th century to the present, including those outside the traditional canon.
Prerequisite(s): ENGL 1102 (C).

ENGL 2200 - Literary London (3-0-3)
A genre, author, and topic-based survey of British literature taught in the context of study abroad in London, England, this course features a survey of cultural experiences based in British literary history, including but not limited to museums visits, tours of historic sites, and attendance at theater performances. R equired readings will incorporate poetry, prose, and drama and may be drawn from the Anglo-Saxon period to the present, including Old English works in translation, Middle English works in the original, and a broad selection of works in modern English. Reading lists will vary from year to year. Meets area C1 requirement. Enrollment with permission of instructor and grade of C or higher in ENGL 1102. Offered in Maymester. Major reading and writing assignments will be completed in the United States and submitted before travel begins. Three credit hours.
Prerequisites: ENGL 1102 (C).

ENGL 3100 - Introduction to English Studies (3-0-3)
The skills and knowledge necessary for successful pursuit of a degree in English: close reading, critical writing, acquaintance with current theoretical issues, familiarity with bibliographic and electronic resources, and career opportunities. Required of all English majors.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 3110 – Introduction to Writing Studies (3-0-3)
Introduction to Writing Studies includes an overview of writing across historical periods and cultures, terminology and methods used by writers, and skills in academic, professional, and creative writing. The course will also introduce theories of composing processes, rhetorical and au dience analyses, and key characteristics of writing genre. It serves as an introduction to the array of writing courses offered in the department outside of the traditional literature courses. Required of all English majors with writing and literature concentrations.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 3140 - Introduction to Visual Rhetoric (3-0-3)
Visual Rhetoric is defined as the art of using images to inform, argue, or persuade. Effective visual rhetoric always anticipates the question: “What are you looking at?” The use of visual imagery in advertising, art, and other texts can be subtle, direct, or provocative. In most cases, however, we are unaware of how powerful images are and how significantly they impact our understanding of the world. This course will introduce students to the theory and practice of visual rhetoric in a variety of contexts. As part of their coursework, students will analyze, discuss, and write about the role of images in popular culture and they will learn to employ images effectively in print-based and electronic texts.
Prerequisite(s): ENGL 1102 (C).

ENGL 3200 - History of the English Language (3-0-3)
An introductory survey of the history of the English language, from pre-Anglo-Saxon times, through Old, Middle, and early Modern English, and into English as a contemporary global language. Attention to historical changes in sound, structure, syntax, and social contexts.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 3210 - Advanced Grammar (3-0-3)
A course surveying the history, theory, structure, and teaching and learning practices in English grammar. Also includes an o verview of modern grammars, including structural and transformational, and research of grammar instruction. The course is

required of all language arts majors and minors in the Clayton State Teacher Education program, but is open to students from other majors.
Corequisite(s) : ENGL 1102 (C).

ENGL 3212 - Advanced Composition (3-0-3)
Exploration of more advanced forms and concepts in the development of writing for academic audiences. Emphasizes the various conventions of discourse situations, invention, revision, editorial skills, and document design for individual writing and for the teaching of writing. Also includes a study of grammatical structures that promote syntactic growth and diversity of style.
Prerequisite(s): ENGL 1102 (C).

ENGL 3300 - Women and Literature (3-0-3)
Texts by women and/or works that treat issues of gender and sexuality. Primary texts are supplemented by additional readings designed to enhance students' abilities to think and write critically about women writers and motifs of gender and sexuality. May be repeated when topics vary.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 3410 - African American Literature I (3-0-3)
A course focusing on the major movements, issues, or themes in the study of African American Literature from 1750-1877.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 3420 - African American Literature II (3-0-3)
A course focusing on the major movements, issues, or themes in the study of African American Literature from 1877-present.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 3501 - Multicultural Literature (3-0-3)
Primary focus on texts by members of one or more traditionally marginalized cultural groups within the United States and with attention to historical and theoretical aspects. Topics may vary from semester to semester.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 3600 - Careers in Writing (3-0-3)
An introduction to issues and practices relevant to careers in professional writing with an emphasis on understanding contexts, genres, and technologies and producing documents for a variety of professional writing communities and workplaces.
Prerequisite(s): ENGL 1102 (C).

ENGL 3620 - Postcolonial Literature (3-0-3)
An introduction to postcolonial literatures in English. The course may include literature from Africa, the Caribbean, and Asia.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 3650 - Writing for Non-Profits (3-0-3)
This writing course will be balanced with theory and be influenced by a strong service learning component. Small groups of students, under the guidance of the instructor, will work directly with a local or regional nonprofit organization, using their writing skills and rhetorical strategies to address a real need in the community.
Prerequisite(s): ENGL 1102 (C).

ENGL 3700 - Response to Writing (3-0-3)
An introduction to one-on-one writing instruction, classroom based writing consultancy, and the theories that guide these practices. Students will write many

kinds of documents, including essays about tutoring and consulting, and they will have applied what they have learned in peer review situations.
Prerequisite(s): ENGL 1102 (C).

ENGL 3800 - Introduction to Creative Writing (3-0-3)
Introductory study in imaginative writing emphasized both selected readings in poetry, fiction, and creative portfolio and student writing in these genres.
Prerequisite(s): ENGL 1101 (B) and ENGL 1102 (B).

ENGL 3900 - Professional and Technical Writing (3-0-3)
An advanced study and application of principles for effective professional and technical writing. Topics to include audience and context analysis, ethical communication, and writing for international readers. Students put these concepts into practice by writing and designing several professional and technical documents for both specialist and non-specialist readers. While open to students from all majors, the course includes entry assessment of writing skills for the baccalaureate degree program in Communication and Media Studies. Required to earn at least a C in the course, based on the program-entry-level assessments of writing skills built into the class.
Prerequisite(s): ENGL 1102 (C).

ENGL 3910 - Professional Editing (3-0-3)
This course focuses on editing documents from a variety of genres and authors. The course includes proofreading, copyediting, formatting, and recognizing and correcting grammar, punctuation, and mechanics in written documents.
Prerequisite(s): ENGL 1102 (C).

ENGL 4000 - English Internship (3-0-3)
This course is the principal experiential learning opportunity for the English major, and is normally taken no earlier than the junior year. The environment appropriate for an English major, either on or off campus, and should be related to the student's career interests.
Prerequisite(s): ENGL 3100 (C).

ENGL 4011 - Critical Theory (3-0-3)
A study of different theoretical approaches to the interpretation of texts and other cultural objects. These theories are then applied to selected works drawn from literature, the mass media, and the fine arts.
Prerequisite(s): ENGL 3100 (C).

ENGL 4100 - American Colonial and Federal Literature (3-0-3)
Major works of American literature from 1588 to 1820, including captivity narratives and writings that explore the early development of America as a nation.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4110 - American Romanticism (3-0-3)
Major works of American literature from 1820-1860, including Emerson and Thoreau, as well as writers outside the traditional canon.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4114 - Adolescent Literature (3-0-3)
A thematic study of literature for adolescent and young adult audiences. This study will analyze a broad representation of materials, including those which focus on a variety of ethnic groups, cultural experiences, and historical periods. This course is required for all middle level teacher education students with a major concentration in language arts.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4120 - American Realism & Naturalism (3-0-3)
Major works of American literature from 1860 to 1914 including Twain as well as writers outside the traditional canon.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4130 - Southern Literature (3-0-3)
Major works of Southern American literature from the Romantic period to postmodern writings, including Faulkner and writings outside the traditional canon.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4140 - Modern American Literature (3-0-3)
American poetry, prose, drama, and nonfiction from 1900 to the present. Topics vary from semester to semester.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4150 - Contemporary American Literature (3-0-3)
A survey of contemporary American Literature during the period of 1945 to the present.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4200 - Medieval Literature (3-0-3)
Major works of literature from Old and Middle English, including Chaucer, medieval plays, and examples of other early British literary traditions.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4210 - Renaissance Literature (3-0-3)
Major works of British poetry, prose, and drama from the late 15th century through the mid-16th century, including Shakespeare and Milton.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4215- Shakespeare (3-0-3)
A survey of Shakespeare's dramatic works with primary emphasis on the major comedies and tragedies and some attention to the histories, problem plays, and romances.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4221 – Seventeenth Century Literature (3-0-3)
A course focusing on the major movements, issues, or themes in the study of Seventeenth Century Literature in Britain.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4222 - Eighteenth Century Literature (3-0-3)
A course focusing on the major movements, issues or themes in the study of Eighteenth Century Literature in Britain, 1689-1783.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4241 - Romantic Literature (3-0-3)
A course focusing on the major movements, themes, and issues in the study of literature in Britain written between 1780 and 1830.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4242 - Victorian Literature (3-0-3)
A survey of British literature written during the period extending from 1830 through 1900, with emphasis on traditional Victorian poets and prose writers and on rediscovered authors.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4250 - Modern British Literature (3-0-3)
Major works of British poetry, prose, and drama from 1900 to the present.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4300 - Advanced Poetry Writing (3-0-3)
Advanced instruction in poetry.
Prerequisite(s): ENGL 3800 (C).

ENGL 4315 - Advanced Fiction Writing (3-0-3)
A workshop intensive instruction in fiction writing. Students will study the fiction writing craft and technique and produce their own short fiction.
Prerequisite(s): ENGL 3800 (C).

ENGL 4320 - Advanced Creative Nonfiction Writing (3-0-3)
A practical study of the techniques and craft of writing the creative nonfiction essay, article, or interview.
Prerequisite(s): ENGL 3100 (C) and ENGL 3800 (C).

ENGL 4610 - Modern Poetry (3-0-3)
Selected poetry from the latter 19th century through the present, including works written in English and in English translation from other world poetic traditions.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4630 - The Short Story (3-0-3)
A selective survey of the short story in English from its origins to the present day.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4700 - Senior Thesis (3-0-3)
The preparation of an extended research paper/project based on original work or on work previously completed for another English course. Original projects may be tied to an internship experience directed through the Office of Experiential Learning. Supervised by a member of the full-time faculty, the project is presented to the Department in both oral and written form during the final year of study.
Prerequisites: ENGL 3100 (C) and ENGL 4011 (C).

ENGL 4800 - Selected Topics in English (3-0-3)
Selected topics in English language-based literary study.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4810 - Topics in Women and Literature (3-0-3)
Advanced study of topics in women and literature, along with applicable feminist theories.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4820 - Studies in Drama (3-0-3)
This course focuses on drama covering a variety of time periods, issues, and cultures. Video viewings, guest speakers, and attendance at live performances may supplement lectures and class discussion.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4900 - Directed Research (3-0-3)
Individual study, reading, or other research project(s) under the supervision of a faculty director. May be taken two times for a total of six hours.
Prerequisite(s): ENGL 1102 (C) and [ENGL 2111 (C), ENGL 2112 (C), ENGL 2121 (C), ENGL 2122 (C), ENGL 2131 (C), or ENGL 2132 (C)].

ENGL 4950 – Senior Capstone (3-0-3)
Admission by permission only: students must have completed a minimum of 40 hours in their major before enrolling. This course presents a current critical, pedagogical, creative, or rhetorical issue in English studies; students complete relevant projects in their concentrations. The course will include close readings, informed research, understanding of professional resources, and advanced undergraduate mastery in writing. This course is the capstone course of the English major, a requirement for graduation for all English majors with literary studies and writing concentrations. Students with Secondary English Education concentrations fulfill this requirement through their certification program.
Prerequisite(s): ENGL 1102, ENGL 3100, ENGL 3110, and ENGL 4011 (C).

Experiential Learning (EXLA, EXLI, EXLP)

EXLA 2950/2960/2970/2980 - Alternating Cooperative Education (0-V-0)
Student participates in full-time work experience related to his or her field of study one semester and enrolls as a full-time student during alternating semester. Minimum of two semesters of work experience. A student maintains full-time status during the semesters of employment.

EXLI 2950/2960/2970/2980 - Internship (0-V-0)
A one semester, non-credit work or volunteer experience related to the student's field of study. The number of work hours is determined by the student's individual academic needs and the agency's needs. This course number is not used if student is enrolled in an internship for course credit. EXLI cannot be included in determining full-time status.

EXLP 2950/2960/2970/2980 - Parallel Cooperative Education (0-V-0)
A guided, multi-semester work plan directly related to the student's field of study. Student must work a minimum of fifteen hours per week while continuing course work. A student maintains full-time status by being enrolled in a minimum of ten semester hours while working in a parallel co-op position.

Finance (FINA)

FINA 3100 - Personal Financial Management (3-0-3)
This course is designed to give a student the knowledge and framework for developing a personal financial plan suitable for different stages of life. It will also give business students a basic understanding of the complexities that must be addressed by management on behalf of employees within the work environment. The course addresses topics such as insurance, investments, loans, and retirement planning. It is also open to all majors.
Prerequisite(s): Junior Standing.

FINA 3101 - Corporate Finance (3-0-3)
An introduction to the principles of financial management, including capital budgeting, the cost of capital, acquisition of funds, and capital structure strategies of the non-financial corporation.
Prerequisite(s): Admission to the College of Business, MATH 1241 or MATH 1113 or MATH 1501.

FINA 4101 - Investments (3-0-3)
The principles of investment in stocks, bonds and other markets, including the study of portfolio management.
Prerequisite(s): FINA 3101 (C).

FINA 4102 - Intermediate Finance (3-0-3)
This is a continuation of FINA 3101. A study of long-term financing and capital structure decisions, and short term financial planning and working capital management. Additional topics include cost of capital, capital budgeting, mergers and acquisitions and international finance.
Prerequisite(s): FINA 3101 (C).

FINA 4103 - Money and Banking: Domestic and International (3-0-3)
An introductory study of the types and functions of money and financial intermediaries, money creation and control, monetary and fiscal policy, international finance, and the effects of these upon domestic incomes, employment, prices, and interest rates.
Prerequisite(s): FINA 3101 (C).

FINA 4800 - Selected topics in Finance (3-0-3)
This course will involve a detailed examination of selected topics in finance. The course may be repeated when new topics are addressed.
Prerequisite(s): FINA 3101 (C).

Forensic Science (FOSC)

FOSC 1101—Survey of Forensic Science (3-0-3)
Topics will include various scientific principles and techniques used in solving crimes. Case studies will be presented.
Prerequisites: CRJU 1150 and MATH 1101 or MATH 1111 (or placement into a math course higher than MATH 1111).

FOSC 3101— Laboratory Techniques in Forensic Science (1-3-3)
The course will cover content related to various laboratory methods used to analyze and evaluate evidence in civil and criminal cases. The course contains one hour of lecture and three laboratory hours per week. Laboratory techniques covered with vary with the instructor.
Prerequisites: [BIOL 1107/L and BIOL 1108/L] or [CHEM 1211/L and CHEM 1212/L] and MATH 1231 (or applicable statistics course) and FOSC 1101.

Forensic Studies (FRST)

FRST 3800 – Selected Topics in Advanced Investigation (3-0-3)
This course will provide students with an in-depth examination of selected topics in forensic studies. The topic will rotate every semester. Topics may include death investigation, sex crimes, missing persons, and interviews and interrogations.
Prerequisites: CRJU 1150 and Junior or Senior standing or permission from Social Sciences Chair

FRST 4101 – Crime Scene Investigation (3-0-3)
This course will provide students with contemporary techniques utilized in the science of crime scene investigation.
Prerequisites; CRJU 1150 and FOSC 1101

FRST 4201 – Death Investigation (3-0-3)
This course provides students with an in-depth seminar on how to conduct a death investigation. Types of deaths that will be covered are homicide, suicide, natural, accidental, and equivocal.
Prerequisites: CRJU 1150 and CRJU 3210

FRST 4500 Senior Capstone in Forensic Studies (3-0-3)
This course is designed to expose students to the most advanced information available in the field of Criminal Justice and Forensic Studies. Through a combination of lectures from forensic experts representing various law enforcement and investigative agencies and an individualized senior research project, students will have the opportunity to research a subject within forensic science and will be taught how to utilize this information during their coming professional careers.
Prerequisites: CRJU 1150, (FOSC 1101 or SCI 1901 F), completion of other Forensic Studies requirements and Senior standing.

French (FREN)

FREN 1001 - Elementary French I (3-0-3)
Introduction to listening, speaking, reading, and writing in French and to the culture of French-speaking regions. Open to native speakers of French only by permission of the Department of Humanities.

FREN 1002 - Elementary French II (3-0-3)
Continued listening, speaking, reading, and writing French with further study of the culture of French-speaking regions. Open to native speakers of French only by permission of the Department of Humanities.
Prerequisite(s): FREN 1001 or two years of high school French.

FREN 2001 - Intermediate French I (3-0-3)
Grammar review and continued development of the student's reading, conversation and composition skills, with readings from Francophone literary sources. Open to native speakers of French only by permission of the Department of Humanities.
Prerequisite(s): FREN 1002 or FREN 1999.

FREN 2002 - Intermediate French II (3-0-3)
Grammar review and continued development of the student's reading, conversation, and composition skills, with readings of a more difficult nature than those previously encountered by the student. Open to native speakers of French only by permission of the Department of Humanities.
Prerequisite(s): FREN 2001.

FREN 3000 - French Grammar and Composition (3-0-3)
This course will improve the student’s command of the French language through an advanced study of grammar, syntax, and vocabulary via the consideration of a variety of texts and styles, with refinement of writing skills through the composition of multiple drafts of essays ranging in subject and length from a descriptive paragraph to a literary research paper. Conducted in French.
Prerequisite: French 2002 with a minimum grade of C, or by permission of the instructor.

FREN 3101 - French Conversation (3-0-3)
This course will refine and develop students’ oral and comprehension skills. Acquiring a more precise vocabulary ranging from the colloquial to the most refined of discourses, students will be able to recognize and use words and expressions in the proper register for a variety of situations. Conducted in French.
Prerequisite: French 2002 with a minimum grade of C, or by permission of the instructor.

FREN 3110 - French Culture and Civilization I (3-0-3)
This course will introduce students to the historical, sociological, philosophical, literary, and artistic developments of France from the Revolution to modern times. Conducted in French.
Prerequisite: French 2002 with a minimum grade of C, or by permission of the instructor.

FREN 3120 - French Culture and Civilization II (3-0-3)

This course will introduce students to the historical, sociological, philosophical, literary, and artistic developments of France from the Revolution to modern times. Conducted in French.

Prerequisite: French 2002 with a m inimum grade of C, or by permission of the instructor.

FREN 4030 - Introduction to French and Francophone Literature (3-0-3)

This course will introduce students to selected, thematic readings of French and Francophone texts in their social, historical, and linguistic context, with an emphasis in teaching students to read critically and develop their analytical writing ability. Conducted in French.

Prerequisite: French 2002 with a m inimum grade of C, or by permission of the instructor.

FREN 4200 - The Francophone World (3-0-3)

Within a framework concerning the historical and conceptual aspects of "la Francophonie," students will study the cultures and literatures of countries or regions where French is used either as an official language or is the language of a significant segment of the population. In the second part of the semester, the course will concentrate on one specific area (for instance, the Caribbean, or West Africa, or Quebec, etc., on a rotating basis). Conducted in French.

Prerequisite: French 2002 with a m inimum grade of C, or by permission of the instructor.

FREN 3999-4999 - Study-Abroad (up to 9 hours).

An intensive study of French language and culture in the native environment. Designed for students who participate in University System-approved programs, in-house study-abroad programs, or in any other comparable program for which approval has been given prior to the study abroad.

Prerequisite: French 2002 with a m inimum grade of C, or by permission of the instructor.

Health Care Management (HCMG)

HCMG 3101 - Introduction to Health Systems Management (3-0-3)

This course is designed to introduce the student to the application of principles of management to health systems organizations. Field-based experience will allow the student to apply principles of organizational theory and behavioral aspects of management across a variety of health care settings. All parts of the Regents' must be successfully completed prior to enrolling in the course.

Prerequisite(s): HSCI 2111 or HCMG 3112, or permission of instructor.

HCMG 3320 - Healthcare Economics (3-0-3)

This course provides students an overview of the economic influences and underpinnings of the healthcare delivery system. It looks at the importance of economics in health care decisions, both demand and supply-side factors, and how public policy influences the economy of healthcare.

Prerequisite(s): HSCI 2111 (C) or HCMG 3112 (C).

HCMG 3340 - Healthcare Information Technology (3-0-3)

This course is designed to provide a broad understanding needed by healthcare managers of the critical role information technologies and systems play in healthcare organizations. The focus is on the underlying technologies including hardware, applications, the Internet, and E-Health; planning and project management and the future of information technology in healthcare management.

Prerequisite(s): [HSCI 2111 (C) or HCMG 3112 (C)] and HCMG 3101 (C).

HCMG 3401 - Applied Human Resource Management in Health Care Delivery (3-0-3)
This course provides students with the basic skills and applications of human resource management in the health care delivery field. Students will study the basics of recruitment, selection, training, retention, motivation, and conflict resolution. Legal and ethical issues in health care as well as timely topics and problems in today's health care environment will be focused.
Prerequisite(s): HSCI 2111 or HCMG 3112.

HCMG 3501 - Health Care Systems TQM (3-0-3)
This course is designed to apply principles of total quality management to health care organizations.
Prerequisite(s): HCMG 3101.

HCMG 3601 - Introduction to Mental Health/Case Management (3-0-3)
This course will provide students with the opportunity to examine the current mental health system including historical perspectives, medical advances, and populations in need of mental health services and/or case management. A model for mental health care management is introduced.
Prerequisite(s): Junior Standing.

HCMG 3701 - Introduction to Epidemiology (3-0-3)
This course provides the beginning public health or health care professional with an introduction to the science of Epidemiology. The course will explore the use of Epidemiology in general health care as well as in public health. It will focus on the development of Epidemiology, concepts and elements of infectious and chronic disease, measure and study design for epidemiological research. Students will gain knowledge about developing preventative programs and addressing ongoing health concerns overall using epidemiological data. All students taking this course should have a proficiency in PowerPoint, Microsoft Word, and access to e-mail for communication purposes during the course. Other skills needed are research, ability to work in a group setting, decision making skills, writing and presentation skills.
Prerequisite(s): MATH 1231 (C) or HSCI 2201 (C), recommend HCMG 3101 or permission of faculty.

HCMG 3801 - Future Trends in Health Care (3-0-3)
This course provides a forum for the exploration of trends in society and the work place as they relate to health care costs, access, and delivery of services. Students will discuss past, present, and possible future health care delivery systems based on current practices.
Prerequisite(s): HCMG 3101.

HCMG 3901 - Marketing in Health Care (3-0-3)
This course is designed to give the HCMG student an overview of basic marketing principles and then apply them to the health care field. Analysis of the diversity of the health care consumer's definition of care is highlighted along with the need to distinguish between individual patients versus corporate America as a customer.
Prerequisite(s): HSCI 2111 (C), HCMG 3101 (C), HCMG 3501 (C).

HCMG 4110 - Administration of Managed Care (3-0-3)
Advanced study of methods of designing, changing, managing and evaluating managed care organizations.
Prerequisite(s): HCMG 3101.

HCMG 4180 - Health in Corporate Setting (3-0-3)
This course explores the issues of health and safety in the workplace. Emphasis is placed on prevention of work-related disease or illness and promotion of wellness. Concepts related to employee assessment and retention, environmental health hazards, prevention of occupational disease, wellness programs, insurance issues, ergonomics, and government standards are presented.
Prerequisite(s): Junior Standing.

HCMG 4201 - Health Care Consulting (3-0-3)
The course introduces students to the opportunities that may be available as a health care consultant. Class focus will center on skills, demeanor, and other areas that contribute to a successful consultant.
Prerequisite or Corequisite(s): HCMG 3101.

HCMG 4220 - International Health Systems (3-0-3)
This course is designed to investigate the basic principles and fundamentals of international health care systems including, but not limited to, Canada, Great Britain, Germany, and Japan. Emphasis will be placed on historical, social, political, and structural factors, differences in financing and delivery mechanisms, expenditures, providers, types of services, comparisons with United States impact of technology, research and quality assessment. Additionally, issues of cost, utilization, and access will be examined in light of current market conditions, future trends, and health care policy in each country.
Prerequisite(s): Junior Standing.

HCMG 4310 - Public Health Administration (3-0-3)
This course provides the student with an introduction to public health administration, an understanding of how public health programs are initiated and administered at the federal and state levels. The objectives of the course will be achieved through lecture, guest speakers, student projects, Internet, and final exams.
Prerequisite(s): HCMG 4401.

HCMG 4401 - Introduction to Primary/Long Term Care (3-0-3)
This course is designed to help the health care management student appreciate the difference in the scope of services provided in ambulatory/primary care sites as compared to the types of health care services often available in long-term care entities.
Prerequisite or corequisite: HCMG 3101.

HCMG 4500 - Health Care Policy (3-0-3)
This is a senior level required course for all health care management students. The course will consist of in-depth study of four major health care policy areas of the U.S. Healthcare system.
Prerequisite(s): Senior Standing.

HCMG 4560 - Health Care Finance (3-0-3)
Provides opportunity to examine factors affecting the financing of health care. Current systems of financing health care are discussed. Budgetary concepts, financial management, cost accounting and management under rate control and competition presented and analyzed. Differences between goods and service industries are analyzed.

HCMG 4565 - Financial Management of Primary/Long-term Care Organizations (3-0-3)
This is a follow-up course to the introduction for Primary Care/Long-Term Care or primary care facility.
Prerequisite(s): Junior standing.

HCMG 4901 - Applied Research (2-3-3)
Applied Research provides the novice researcher with skills in identifying appropriate research studies, understanding the development of a research proposal and the basic concepts of research in the health care setting.
Prerequisite(s): MATH 1231 or HSCI 2201 and senior standing.

HCMG 4970 - Health Care Management Internship/Practicum (0-15-3)
Individually designed learning program involving field experiences in a health care setting. Program of study and student supervision must be approved by the Dean/Program Director. (Practice hours may vary according to student experience in field.)
Prerequisite(s): HCMG 4901.

HCMG 4999 - Capstone in Health Care Management (3-0-3)
This is a capstone course for the Health Care Management Program. The course will synthesize and summarize the materials of the Program coursework. Discussions will also be conducted on the state of the field today and projections for the future. This course is taken the last semester before graduation.
Prerequisite(s): HCGM 4500, HCMG 4901 and senior standing.

Health Fitness Management (HFMG)

HFMG 1001 - Aerobics (0-2-1)
This course is designed to increase the knowledge, understanding, and values of aerobic activity. This course is composed of a nonstop series of routines, which emphasize continuous, vigorous movements. Also included will be flexibility and body toning exercises performed to music. The class will include a variety of aerobic styles.

HFMG 1003 - Introduction to Basketball (0-2-1)
This course will concentrate on beginning basketball skills development including, shooting, passing, dribbling, rebounding, and defending; court play will be included. Additionally, basketball history, rules and etiquette will be covered. Students must purchase a whistle for use during officiating sessions and furnish appropriate attire, including smooth-soled, non-marking athletic shoes.

HFMG 1006 - Fit For Life: Jogging (0-2-1)
This course is designed to increase student's knowledge and understanding regarding the value of properly performed cardiorespiratory conditioning exercises, primarily running for fitness. Specifically, this course is designed to introduce students to the proper fundamentals and techniques utilized in an aerobic conditioning program. Students will participate in a running program to enhance aerobic fitness.

HFMG 1009 - Beginning Golf & Tennis (0-2-1)
The course is structured for the beginning golf and tennis student. Golf will introduce skills for the short game to include pitching, chipping, putting, rules, scoring, and etiquette. Course play will be included. Clubs will be provided if necessary. The tennis portion of the course will emphasize the forehand, backhand, serve, rules, scoring, and etiquette. Students furnish appropriate attire and smooth-soled tennis shoes. Students must provide a tennis racquets. Additional fees may be required.

HFMG 1010 - Fit For Life: Walking (0-2-1)
This course is designed to increase student's knowledge and understanding regarding the value of properly performed cardiorespiratory conditioning exercises, primarily walking for fitness. Specifically, this course is designed to introduce students to the proper fundamentals and techniques utilized in an aerobic conditioning program. Students will participate in a walking program to enhance aerobic fitness.

HFMG 1011 - Free Weight Training for Fitness (0-2-1)
This course is structured for the beginning free weight lifting student. It is designed to increase the knowledge, understanding, and values of properly performed free weight training exercises. A variety of exercises will be performed with the emphasis on technique and safety. Students furnish appropriate attire and properly soled athletic shoes.

HFMG 1013 - Beginning Volleyball & Badminton (0-2-1)
Beginning volleyball will concentrate on skill development of the pass and the serve, dynamics of the game, general rules and physical preparation. Beginning badminton will include the basic shots, service, footwork, singles and doubles strategy, and rules of the game.

HFMG 1050 - Fit For Life: Physical Conditioning (0-2-2)
Supervised circuit training. Emphasis is placed on cardiovascular conditioning, muscular strength, and endurance. This course will improve the student's knowledge

concerning the development and maintenance of a healthy lifestyle. Students will also gain an understanding of the concepts of wellness and how each component impacts their ability to live a healthy, fulfilled life. It is recommended that the student obtain a physical examination from a licensed medical professional and have his or her medical history reviewed by a designated staff member prior to participating in this course. An orientation to the course is required during the first week of class. (Not recommended to students with previous credit for any quarter system PHED 202 class.)

HFMG 1101 - Survey of Health and Fitness Professions (1-0-1)
An introduction to professional career opportunities available in the fields of health and fitness.

HFMG 2001 - Introduction to Master Fitness Trainer (3-0-3)
This course is a contemporary study of U.S. Military health, physical fitness, and weight control programs, publications, policies, and research applications all designed to: (1) prepare military warriors for combat operations within various environmental conditions, (2) promote and practice healthy lifestyles during peacetime, and (3) administer wellness assessments in-accordance-with (IAW) branch-specific regulations, field manuals, and software.

HFMG 2110 - First Aid and CPR (2-2-3)
This course is designed to teach the student basic first aid and emergency management procedures and skills for a variety of injuries and sudden illnesses. The course contains both a lecture and practical component. Certification in first aid and CPR will be awarded upon the satisfactory completion of the written and practical course requirements.

HFMG 3101 - Kinesiology (2-2-3)
A study of human movement. Topics will include but are not limited to structural anatomy, biomechanics and qualitative movement analysis. The biomechanical etiology of various injuries will be studied.
Prerequisite or Corequisite: Anatomy/Physiology - BIOL 1151, BIOL 1151L or permission of instructor.

HFMG 3102 - Physiology of Exercise (3-0-3)
A study of the physiological responses of the human body to exercise. Topics will include but are not limited to the neuromuscular, cardiovascular, respiratory, metabolic, hormonal, and thermal responses and adaptations to exercise.
Prerequisite or Corequisite: Anatomy/Physiology - BIOL 1151, BIOL 1151L or permission of instructor.

HFMG 3110 - Personal Health and Wellness (3-0-3)
An introduction to a variety of topics concerning health and wellness. Topics will include but are not limited to wellness and lifestyle management, basic principles of physical fitness, nutrition, weight management, stress management, sexually transmitted diseases, substance use and abuse and chronic diseases.

HFMG 3121 – Injury Prevention and Rehabilitation (2-2-3)
This course is designed to provide a fundamental understanding of the most common musculoskeletal injuries of the spine and extremities. Broad-based methods of rehabilitation for these regions will also be taught. The course contains both a lecture and lab component.
Prerequisite(s): BIOL 1151, BIOL 1151L or permission of instructor.

HFMG 3130 - Principles of Fitness (across populations) (2-2-3)
A study of the role of physical activity on health and the design of conditioning programs across populations from the very young to the elderly; from the able bodied to the physically challenged.
Prerequisite(s):BIOL 1151, BIOL 1151L, or permission of instructor.

HFMG 3140 - Exercise Testing & Prescription (2-2-3)
A variety of health & fitness assessment principles and techniques are covered with a focus on both measurement expertise and safe and effective exercise prescription.
Prerequisite(s): BIOL 1151, BIOL 1151L, or permission of instructor.

HFMG 3382 - Substance Use in Health Fitness (3-0-3)
This course will provide students with the background to determine the safety and efficacy of nutritional supplements and ergogenic aids. This course will also provide students with an understanding of the most commonly used nutritional supplements and ergogenic aids. This course will also examine the physiological mechanisms, as well as the risks and benefits, of these substances.
Prerequisite(s): BIOL 1151 and BIOL 1151L.

HFMG 3970 – Practicum in Health & Fitness (0-15-3)
This practicum course enables HFMG students to expand their clinical expertise for a total of 225 hours during the semester and broaden their exposure to the roles of fitness specialists.
Prerequisite(s): Junior or senior standing

HFMG 4060 Personal Nutrition for Health (3-0-3)
The goal of this course is to promote healthful eating and physical activity by using information from the Food Guide Pyramid, Dietary Guidelines for Americans and food labels. Students will learn how to identify, purchase, and prepare healthful foods. Course information presents a wide variety of topics including cultural diversity, the obesity epidemic, food technology and safety of our food supply.
Prerequisite(s): BIOL 1151, BIOL 1151L, BIOL 1152, and BIOL 1152L.

HFMG 4110 - Health and Fitness Management (3-0-3)
The study of the management and operation of programs and facilities in the health and fitness field. The topics will include but are not limited to the organization, planning, design, equipment, and staff of health fitness facilities. Management theories and operational models for health fitness programs will also be covered.
Prerequisite(s): MGMT 3101 or permission of instructor.

HFMG 4400 – Exercise & Sport Psychology (3-0-3)
The goal of this course is to discuss professional and ethical issues relevant to the practice of sport psychology. Students will study different methods to understand and evaluate psychological aspects of sport performance. Students will learn how to enhance exercise and health behavior change as well as how to increase motivation. Knowledge of different counseling approaches and the effects of exercise on anxiety, eating disorder, self-esteem and psychophysiology will be studied. Referrals to a medical/mental allied health professional will be discussed.
Prerequisite(s): PSYC 2101, PSYC 2103, HFMG 3101

HFMG 4800 – Selected topics in Health & Fitness (3-0-3)
A detailed examination of selected topics and research pertinent to the field of Health & Fitness Management. Topics and instructor will vary.
Prerequisite(s): BIOL 1151 and BIOL 1151L

HFMG 4970 - Health and Fitness Management Internship/Practicum (0-15-3)
Individually designed learning program involving field experiences in a fitness or health/wellness-type setting. Program of study and student supervision must be approved by the Program Coordinator.
Prerequisite(s): senior status.

HFMG 4999 - Capstone Course (3-0-3)
This is the capstone course for the Health and Fitness Management Program. The course will synthesize and summarize the materials of the Program coursework and the internship. Discussions will also be conducted on the state of the field today and projections for the future.
Prerequisite(s): Senior status.

Health (HLTH)

HLTH 3012 - Alternative and Complementary Approaches to Wellness: Therapies for a Healthy Lifestyle (3-0-3).
This course will provide the participants with an in-depth understanding of the practice, theories, and interventions used in various alternative healthcare therapies. Some of the topics that will be discussed will be the use of herbal therapies, nutritional therapies, aromatherapy, massage and bodywork therapy, acupuncture, chiropractic and spinal manipulation, spiritual, mind body therapies, and homeopathy. The participants will be able to make an informed decision when deciding to use an alternative form of health care.

HLTH 3110 - Interactive Communication (3-0-3)
This course focuses on ways to improve interpersonal skills in personal and professional settings. Students learn a specific set of communication techniques, identify their strengths and weaknesses, and strive to improve their interpersonal effectiveness. Content includes relationship development, assertiveness, giving and taking criticism, group dynamics, crisis intervention, conflict resolution and problem solving. (Same as NURS 3110.)
Prerequisite(s): Junior standing.

HLTH 3200 - Pathophysiology for RN's (3-0-3)
This course is designed to introduce the RN Completion student to pathophysiologic concepts related to altered biological processes affecting individuals across the lifespan. The first part of the course emphasizes the basic concepts of pathophysiology: Cellular level of response, fluid and electrolytes, acid-base balance, and immune response. The second part of the course focuses on the application of basic concepts to body systems and disease processes. The course builds on previous principles from anatomy, physiology, and chemistry.
Prerequisite(s): R.N. Licensure.

HLTH 3201 - Pathophysiology (3-0-3)
This course is designed to introduce the student to pathophysiologic concepts related to altered biological processes affecting individuals across the lifespan. The first part of the course emphasizes the basic concepts of pathophysiology: cellular level of response, fluid and el ectrolytes, acid-base balance, and immune response. The second part of the course focuses on the application of the basic concepts to body systems and disease processes. The course builds on previous principles from anatomy, physiology, and chemistry.
Prerequisite(s): BIOL 1151, BIOL 1151L (CHEM 1151, CHEM 1151L or CHEM 1211, CHEM 1211L.)
Prerequisite or corequisite(s): BIOL 1152, BIOL 1152L

HLTH 3320/COMM3320 - Communications with Families (3-0-3)
This course focuses on developing skills for interacting with families in human service systems such as health care settings, schools, and private nonprofit organizations. The course is designed to introduce students to interdisciplinary assessment and intervention with children, parents, and family members across the life span. Emphasis will be placed on communicating with culturally diverse populations, dysfunctional families, and those experiencing stressful events.
Prerequisite(s): Junior Standing

HLTH 3341 - Cultural Diversity in Health and Illness (3-0-3)
Introduces cross-cultural health assessment and interventions, which increase the cultural sensitivity of health care providers. The diversity of health/illness belief systems and behaviors cross-culturally is presented as well as biological variations and patterns of adaptation to specific environments. Several international health system models are analyzed. Cultural diversity within the United States is emphasized.
Prerequisite(s): Junior Standing.

HLTH 3401 - Contemporary Women's Health (3-0-3)
The promotion and maintenance of women's health is stressed. Historical influences as well as social, political, religious and cultural factors which impact the contemporary women's health are included. Gynecologic health needs and sexuality from menarche to menopause are discussed. Discussion of women's roles in complex societies. Individuals become more aware of self and the needs of women as consumers and providers in the health care delivery system.
Prerequisite(s): Junior Standing.

HLTH 3420 - Health Education (3-0-3)
Focuses on the concept of health education in meeting the learning needs of health care providers and health care consumers in various settings. Emphasis will be placed on the process of program development, implementation, and evaluation. Principles of teaching/learning and instructional strategies will be explored. Opportunities to practice teaching strategies will be provided.
Prerequisite(s): Junior Standing.

HLTH 3501 - The AIDS Epidemic (3-0-3)
This survey course is designed to provide an overview of the AIDS epidemic, including specific at-risk populations, changes in the patterns of occurrence, signs and symptoms, classification of disease, recognition of the course of the disease, and strategies for prevention.
Prerequisite(s): Junior Standing.

HLTH 4153 - Gerontology (3-0-3)
Presents a holistic approach to the study of the elderly and their environments. A positive perspective about the aging process is a goal of the course. Research and theory components from a variety of disciplines are included to promote caring for the elderly in a variety of settings, primarily community-based. Client advocacy for the elderly is stressed.
Prerequisite(s): Junior standing or permission of the instructor.

HLTH 4330 - Nutrition (3-0-3)
This course introduces the student to the fundamental concepts of nutrition, the nutrients, and how the body uses the nutrients. This course includes a study of the impact of nutritional choices on various populations and age groups of individuals and an individualized dietary analysis.
Prerequisite(s): Junior standing or permission of instructor

HLTH 4900 – Special Topic for Nursing (3-0-3)
This course focuses on the exploration of various health care topics and issues in the field of nursing. It may be repeated for credit when topic varies. In order to be on the cutting edge of nursing, many innovative and creative topics will be offered to students to expand their nursing knowledge in various arenas.
Prerequisite(s): Junior standing or permission.

HLTH 4996 - Introduction to Health Care Informatics (3-0-3)
This course provides an overview of the use of information and computer science in the delivery of health care [or nursing]. The content focuses on information technology used to enhance client care through minimum data set, research, education, and administration of health care facilities.

Health Science (HSCI)

HSCI 2111 - Introduction to Health Care Environment (2-0-2)
Designed to introduce the student to the complex health care environment through field-based observational experiences and seminar experiences. Topics include descriptions of the types of health care providers and the scope of professional

practices, introduction to hospitals, ambulatory care settings, long term care settings, and the regulatory and professional bodies supporting practice.
Prerequisite(s): All first-year courses in Areas A & B of the Core.
Corequisite(s): HSCI 2111L.

HSCI 2111L - Introduction to Health Care Environment Lab (0-2-1)
This course provides field-based experiential learning to support the concepts introduced in HSCI 2111.
Corequisite(s): HSCI 2111.

HSCI 2201 - Measurement Science (Health Care Statistics) (3-0-3)
This course is designed to introduce students to the theory, application and use of computer based statistics. Applications may include the use of a standard database that will assist students in the process of developing computer skills using a statistical software package (Statdisk). Methods of descriptive statistics and probability are emphasized including describing, exploring, and comparing data. Inferential statistics relative to population parameters and hypotheses testing are also explored.

HSCI 3110 – Interactive Communication (3-0-3)
This course will focus on communication theory and skills related to the business of healthcare. In addition, political, legal, and ethical issues will be explored and analyzed as health issues and reforms evolve. Health Care Management students must be prepared to interact with clinicians, administrators, suppliers, as well as patients and their families. C ontent includes problem solving, conflict resolution, power strategies, burnout, group dynamics, assertiveness skills, and effective communication with organizational structures.
Prerequisite(s): Junior Standing.

HSCI 3520 - Legal Issues in Health Care (3-0-3)
This course overviews law in general and health care issues specifically and provides students an opportunity to study and explore aspects of employer-employee relations in the health care setting and legal ramifications of patient treatment and medical records.
Prerequisite(s): HSCI 2111, HCMG 3111, or HCMG 3112, NURS 3101, or permission of the instructor.

HSCI 3550 - Ethical Issues in Health Care (3-0-3)
This course is designed to explore and analyze contemporary health care situations in terms of ethical dimensions. Topics include patient-care giver relationships, high-tech medicine, ICU dilemmas, medical experimentation, and confidentiality of patient medical records, AIDS and ethics, death and dying, and the issues of an aging population.
Prerequisite(s): Junior Standing.

History (HIST)

HIST 1111 - Survey of pre- Modern World History (3-0-3)
A survey of world history from the earliest civilizations to the voyages of discovery of the sixteenth century. Social, intellectual, and political history will be emphasized. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]

HIST 1112 - Survey of Modern World History (3-0-3)
A survey of world history from the early sixteenth century to the present, emphasizing social, intellectual, and political topics. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]

HIST 2111 - Survey of United States History to 1877 (3-0-3)
The history of the U. S. and the lands that would become the U. S. from the colonial period through Reconstruction. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]

HIST 2112 - Survey of United States History since Reconstruction (3-0-3)
A survey of United States history from the post-Civil War period to the present. The course focuses on the political, social, and cultural development of the modern United States with particular emphasis on the twentieth century. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]

HIST 2265 - Minorities in American History (3-0-3)
A survey of the history of minorities in America. Attention is given to the concepts of ethnicity, race, culture, and minority status, and emphasis is placed on African Americans as the largest minority in the region.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 2500 Historical Methods (3-0-3)
An introduction to the historian's craft and the research techniques and philosophies used in the writing of history.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 2750 - Critical Trends and Issues in Recent World History (3-0-3)
An examination of the global significance of critical political, social, cultural, economic, and international trends and issues since World War II.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3001 - Historiography (3-0-3)
This course will examine the perspectives of significant historical schools and analyze the contributions made by major historians throughout history.
Prerequisite(s): HIST 2500.

HIST 3010 - Introduction to Public History (3-0-3)
An introduction to the various facets of public history including archives. This course will emphasize the importance of the preservation and use of historical documents, artifacts, and sites. The examination of public history will include reference to organizations, museums, historical sites, advocacy groups, and public policy development. Non history majors including students considering majoring in history are encouraged to take this course.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3110 - Georgia History and Government (3-1-3)
Georgia History and Government provides students with the basic analytical and conceptual skills for studying history and government on the state and local level. The course examines the social, political, and institutional history of Georgia to prepare students to analyze similar developments on the local, regional, and national level Required for all middle level and secondary teacher education students and for all history majors. Fall course is reserved for all middle level teacher education students with social studies majors and course offered Spring is for history majors and other students.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3120 - The Establishment of the U. S., 1607 - 1800 (3-0-3)
Cultural, social, economic, and political development of Anglo-America through the War for Independence, the formation of state and national constitutions and governments, the Federalist years, and the "Revolution of 1800."
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3125 - The Age of Jefferson and Jackson (3-0-3)
The history of the U.S. from the Early Republic through 1845. Major themes include territorial expansion, the market revolution, the rise of social reform movements, constitutional developments, the first and second party systems, and the growth of sectional tensions.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3130 - Sectionalism and the Civil War (3-0-3)
The origins and course of the American Civil War. Emphasis on the political, economic, social, and cultural background to the war, its military aspects, its impact on American society.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3132 – The Reconstruction Era, 1863-1877 (3-0-3)
The abolition of slavery, the political and economic remaking of the South, and the ways the most turbulent and controversial periods in American history have been remembered and refought by later generations.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3135 - The U.S. in the Gilded Age and Progressive Era, 1877-1917 (3-0-3)
This course provides students with a deepened understanding of the emergence of the United States as a modern, industrial nation with an increasingly important role in world affairs. It will explore the political, social, economic, and technological changes associated with this process.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3140 - Themes of Twentieth Century United States History (3-0-3)
A study of domestic developments in the United States during the Twentieth Century with emphasis on major cultural, social, economic, and political reform movements.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3150 - War and Diplomacy 1898 - Present (3-0-3)
An historical overview of the programs , policies, key events, important figures, and enduring lessons of U.S. interactions with other nations and their peoples, from America's rise to the status of Great Power before World War II to its global pre-eminence thereafter. Topics include colonialism, American involvement in World War I, interwar diplomacy, conflicts leading to World War II and the Cold War, Korea, Vietnam, and Gulf Wars.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3210 - The Twentieth Century World (3-0-3)
An examination of the political, social, and cultural developments of the twentieth century, with emphasis on the era of the world wars and the Cold War, and the end of colonialism.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3215 - Latin American-U.S. Relations (3-0-3)
A study of political, cultural, economic interaction between the United States and the many and diverse countries of Latin America since 1823.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3220 - Latin American History - (3-0-3)
The history of Latin America from before the European arrival, through the era of colonialism and independence, to twentieth century national movements.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3225 - Caribbean History - (3-0-3)
Survey of the history of the Caribbean, from pre-Columbian cultures to the present. The course will emphasize slavery and emancipation, the rise of nationalist movements, independence, and the post-colonial states. In addition, this course will link the shared experiences of the Caribbean with the American South.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3230 - History of Sub Sahara Africa (3-0-3)
The history of Africa south of the Sahara from the first century C.E. to the present, with emphasis on the rise of empires in west and southern Africa, the influence of Islam, the impact of European imperialism, and the independence movements of the twentieth century.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3240 - History of the Middle East and North Africa (3-0-3)
The history of the region from the end of the Roman empire to the present, with emphasis on the rise of Islam, the rise and decline of the Islamic empires, the era of European control, and the twentieth century independence movements.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3245 - History Through Film (3-0-3)
This course introduces students to critical issues in history and representation, utilizing film to analyze central historical issues. The specific thematic content is variable. Course may be repeated for up to 9 credits.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3250 – Pre-Modern East Asian History (3-0-3)
From the Shang Dynasty to Ming Dynasty in China, the Yamato Clan rule to Tokugawa Shogunate in Japan, and Gojoseon Kingdom to Chŏson Dynasty in Korea.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3255 – Modern East Asian History (3-0-3)
From the Qing Dynasty to present in China, the Meiji Restoration to present in Japan, and in Korea, from the Tonghak Rebellion of 1894-1895 to the present.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3260 – Pre-Modern South Asian History (3-0-3)
The history of India from the Harappan Civilization to the Mughal Dynasty.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3265 - Modern South Asian History (3-0-3)
This course will examine the major political, social, and cultural traditions of South Asia from the establishment of the British Raj to the present. Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3270 - Pre-Modern Russian History (3-0-3)
A survey, from the mythic founding Kievan Rus in A.D. 862 to Catherine the Great.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3275 – Modern Russian History (3-0-3)
From Tsar Alexander I to the present.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3330 - Business & Economic History (3-0-3)
An examination of the historical development of the American economy with emphasis on business organization, business values, business cycles, and business government relationships.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3401- Introduction to Archival Theory and Practice (3-0-3)
This course will introduce the student to the fundamentals of archival work. This will involve such functions as arrangement and description of manuscripts and non-documentary materials, assistance to patrons, creation and updating of finding aids, care and pr eservation of materials, security, privacy, legal responsibilities, and professional ethics.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3410 - Introduction to Electronic Records (3-0-3)
This course will introduce the student to the storage and retrieval of electronic records. This includes records originally in electronic form as well as items (manuscripts, photographs, motion pictures, audio recordings, etc.) originally created on paper or other media and then converted to electronic form (digitalized.) The course will also involve the use of electronic methods that facilitate the use of traditional records (e.g., indices, finding aids, web presentation).
Prerequisite(s): HIST 3401 (C).

HIST 3420 - Family History and Genealogical Resources (3-0-3)
This course is an introduction to the use of family history to illustrate broader historical currents and a survey of the resources and methods of genealogy. Students will research actual genealogy or family history. Non history majors interested in family history are encouraged to take this course.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3450 - U.S. Military History (3-0-3)
A study of the American military art from the earliest days of frontier offensives to present-day global concerns. Focuses on the creation of American military institutions, the genesis of policy-making and maintenance of civilian control over that process, the inter-relationship between foreign and military policy, the conduct of war, and the influence of American society upon the armed forces as social institutions.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3601 - Methods for Teaching History (3-0-3)
This course will focus on several topics and themes which are of great importance to practicing and aspiring teachers, including recent debates about the teaching of American, European, and World history, creative active learning opportunities based on primary sources, the utility of lecturing, methods of historical inquiry, teaching writing while teaching history, the use of primary and secondary sources in the classroom, curriculum development and aligning with state standards, the use of technology in teaching and in student research, the benefits of incorporating local history into unit plans, and assignment design and evaluation. Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 3700 - U.S. Historical Geography (3-0-3)
Study of the interplay between and among natural factors of climate, soils, vegetation, and landforms, and human factors of settlement, economic activity, transportation, warfare, technology, and cultural traits. Required for all middle level and secondary teacher education students with a major or minor concentration in social studies or history. Prerequisite: Any 1000 or 2000 level HIST course.

HIST 3800 - World Historical Geography (3-0-3)
Provides students with a comprehensive spatial global view and with the basic analytical and conceptual skills required to study the diverse regions of the world, while focusing on the instructional theme of human/environment interaction, especially how geographical factors helped to shape history. Required for all middle level and secondary teacher education students with a major or minor concentration in social studies or history. Prerequisite: Any 1000 or 2000 level HIST course

HIST 3901 - Archival Internship I (0-V-3)
The student will acquire hands-on experience working with archives in such tasks as record retrieval, patron assistance, preparing finding aids, preserving materials, editing manuscripts, or performing other archival functions. The internship placement and duties must be approved by the history experiential learning coordinator, the Office of Experiential Learning, and the placement site. This course is required for completion of the archival concentration.
Prerequisite(s): HIST 3401 (C).

HIST 4001 - African American History (3-0-3)
The African Americans, from their cultural roots in West Africa to the changing economic, political, social status over time to the present. Special emphasis placed on the civil rights movement, Black nationalism, and Black leadership.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 4003 - Women's History (3-0-3)
The role of women in the social, economic, and political development of the United States. Contributions of women and the historical significance of their attitudes in the liberal reform eras in American history.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 4004 - Environmental History (3-0-3)
Changing attitudes about nature and w ilderness, political decisions, supervisory institutions, and environmental problems which accompanied utilization of the earth's natural resources. Prerequisite: Any 1000 or 2000 level HIST course.

HIST 4010 - U.S. Intellectual History (3-0-3)
This course teaches the basics of American thought, as reflected in literature, politics, religion, science, and laws. Prerequisite: Any 1000 or 2000 level HIST course.

HIST 4020 - History of the Old South (3-0-3)
This course primarily explores the origins of southern society and culture, the growth of southern distinctiveness, and the ultimate attempt to create a separate though short-lived southern nation. Prerequisite: Any 1000 or 2000 level HIST course.

HIST 4030 – History of the New South (3-0-3)
Analysis of the change and continuity in the American South from the end of the Civil War through the present. Prerequisite: Any 1000 or 2000 level HIST course.

HIST 4110 – Ancient Greece and Rome (3-0-3)
The history of the Hellenes, from the Minoan civilization through Alexander's legacy, and the development of ancient Rome from its origins in Italy, through the rise as an Empire embracing the entire Mediterranean World and Western Europe, to Christianity and the foundation of Constantinople. Prerequisite: Any 1000 or 2000 level HIST course.

HIST 4115 - History of the Middle Ages (3-0-3)
Medieval European civilization as it emerged, from the declining Roman Empire through its apogee in the 13th century. Prerequisite: Any 1000 or 2000 level HIST course.

HIST 4120 - Renaissance, Reformation, and the Rise of the Western Nation State (3-0-3)
The history of Europe from 1300 to the Peace of Westphalia (1648) with special emphasis given to the rise of new philosophies, new political systems, new religions, and the impact of European contact with Asia, Africa, and the Americas.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 4130 - The Age of European Expansionism (3-0-3)
The history of Europe from the mid-17th century through the Napoleonic Era.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 4200 - Nineteenth Century European History, 1815 to 1914
The rise of modern Europe, the spread of liberalism, nationalism, and democratic forces; the industrial revolution and the resulting imperialistic and democratic rivalries among the great powers. Prerequisite: Any 1000 or 2000 level HIST course.

HIST 4250 - History of World Religions (3-0-3)
Investigates the common themes of all religions: the origins, development, and present status of the major world religions including Hinduism, Buddhism, Judaism, Chinese Confucianism and Taoism, Christianity, and Islam. Provides students with a framework for understanding the various world views to be found in today's

increasingly connected world. Option for all middle level and secondary teacher education students with a major concentration in social studies.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 4350 - Modern World Intellectual History (3-0-3)
An introduction to the global history of ideas, from the mid-eighteenth century to the present. Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 4401 - Readings in Archival Studies (3-0-3)
The course will provide students with core knowledge in specialized archival topics through selected readings and research. Students will concentrate in four of the following subject areas: administration, appraisal and acquisition, arrangement and description, electronic records, preservation and conservation, records and information management, reference and access, and the history and nature of the archival profession.
Prerequisite(s): HIST 3401.

HIST 4440 - Historical Exhibitions and Public Programming (3-0-3)
A survey of the methods and purposes of interpreting history to the general public through museums, displays, exhibitions, pamphlets, documentaries, web sites, and all methods other than traditional historical publishing mediums (i.e. books and articles). Emphasis will be placed on interpretation of items of material culture.
Prerequisites(s): HIST 3010 (C).

HIST 4450 - Introduction to Historic Preservation (3-0-3)
An introduction to the purposes and methods of identifying, documenting, interpreting, and preserving historically significant structures, buildings, sites, and objects with emphasis on the United States. The course will include a survey of such historic preservation issues as economic development, tourism, architectural history, historical archeology, and community revitalization. It is recommended, but not required, that students take HIST 3010 prior to HIST 4450. Non history majors interesting in economic and community development, tourism, or other aspects of historic preservation are encouraged to take this course.
Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 4800 - Selected Topics in History (3-0-3)
This course will present significant topics in history not covered by other courses in the curriculum. Prerequisite(s): Any 1000 or 2000 level HIST course.

HIST 4850 - Senior Thesis in History (3-0-3)
This course is open only to history majors in their senior year (i.e. 90+ hours in the program). Students will complete a project requiring historical research, analysis, and interpretation.
Prerequisite(s): Senior standing and HIST 3000 (C) and HIST 3010 (C) and HIST 3110 (C).

HIST 4900 - Independent Study in History with Directed Research and Readings. (variable credit)
Special study arranged in consultation with a faculty member and approved by the department head. May be repeated for a maximum of six semester hours.
Prerequisite(s): Junior standing.

HIST 4901 - History Internship (3-0-3)
An approved historical field experience and carried out by the students in an appropriate institution, agency, or business. Requires the approval of the history experiential learning coordinator, the Office of Career Services, and the placement site.
Prerequisite(s): HIST 3010 (C).

HIST 4902 - Archival Internship II (0-V-3)
The student will acquire additional hands-on experience working with archives in such tasks as record retrieval, patron assistance, preparing finding aids, preserving

materials, editing manuscripts, or performing other archival functions. The HIST 4902 internship must involve either a different archival function or a more advanced application of the same function that was used for the HIST 3901 internship. The internship placement and duties must be approved by the history experiential learning coordinator, the Office of Experiential Learning, and the placement site. This course is required for completion of the archival concentration.
Prerequisite(s): HIST 3401 (B).

HIST 4903 - History Practicum (0-V-3)
The practicum will constitute an independent (individual or small group) project in historical methodology, research, and/oranalysis. The student will prepare and submit a significant historical paper and/or project. Requires the approval of the department chair.
Prerequisite(s): Senior standing.

Humanities (HUMN)

HUMN 2111 – Perspectives in the Arts and Humanities (3-0-3)
A topical or thematic exploration of the fine arts and the humanities. Students will examine various texts in the humanities and fine arts in order to interpret them critically and place them in context. (Open to students in the Clayton State Honors Program only)

HUMN 3101 - The Humanities, the Arts, and Society (3-0-3)
A topical or thematic approach to the study of the networks of relationship among a variety of works in the humanities and the fine and performing arts with the social structures in which those works are created and interpreted, considering both historical and contemporary perspectives. Principal focus on English-speaking cultures. Critical thinking and communication skills are emphasized. (Not open to students with credit for HUMN 2101.)
Prerequisite(s): ENGL 1102. Completion of CRIT 1101 and Area C recommended.

HUMN 3102 - International Arts and Culture (3-0-3)
A topical or thematic approach to the study of the networks of relationship among a variety of works in the humanities and the fine and performing arts with the social structures in which those works are created and interpreted, considering both historical and contemporary perspectives. Principal focus on non-English-speaking cultures outside the United States. C ritical thinking and communication skills are emphasized.
Prerequisite(s): ENGL 1102. Completion of CRIT 1101 and Area C recommended.

HUMN 4800 - Selected Topics in Humanities (3-0-3)
Seminar in Humanities topics. May be repeated when topics vary.

HUMN 4900 - Independent Study in Humanities (3-0-3)
Independent study in humanities (credit varies).
Prerequisite(s): Permission of the department of Humanities.

Human Services (HMSV)

HMSV 3010 - Introduction to Human Services (3-0-3)
An analysis of the social needs addressed by human service agencies and an overview of the historical background, development, purposes, career patterns, ethics, and organization of such agencies with emphasis on the not-for-profit sector. It is recommended but not required that PSYC 2103 be taken before HMSV 3010.
Prerequisite(s): PSYC 1101 or SOCI 1101.

HMSV 3230 - Human Services in Multicultural Context (3-0-3)
Exploration of how cultural diversity within the U.S. and around the world influences the structure and delivery of human services. Emphasis will be on larger organizations such as CARE, Girl Scouts, World Vision, and Amnesty International.
Prerequisite(s): HMSV 3010.

HMSV 3300: Community-Based Development (3-0-3)
Study of factors influencing the socioeconomic and interpersonal health of neighborhoods and larger communities. Using a case studies approach, topics include group/organizational initiatives, internal versus external change agents, leadership issues, and advocacy.
Prerequisite(s): HMSV 3010.

HMSV 3501 - Organization and Administration of Human Service Agencies (3-0-3)
A comprehensive analysis of the role and function of a human service agency management professional. Topics include skills and techniques in the areas of planning, staffing, budgeting, volunteer coordination, risk management, community relations, and advisory or governing board interaction.

HMSV 4201 - Fund Raising in the Not-for-Profit Sector (3-0-3)
A survey of techniques and issues in marketing and fund raising. Topics include designing print-based promotional materials, creating organizational websites, sources of philanthropic gifts, motivations for giving, preparing the case for support, setting targets, and establishing fund raising budgets, and administering campaigns.
Prerequisite(s): HMSV 3501.

HMSV 4490 - Internship/Practicum in Human Services (0-V-3)
A directed and supervised internship or practicum. Requires permission of course instructor.

HMSV 4500 - Senior Seminar and Internship/Practicum in Human Services II (1-V-3)
In this capstone experience students will carry out a major project in an internship/practicum setting, prepare a written report on the project describing how it reflects the outcomes of the program, and share the results with fellow seminar members.

Homeland Security Emergency Management (HSEM)

HSEM 3000 Homeland Security (3-0-3)
An introductory course which surveys the context of crisis and the policies, practices, challenges which confront the field of homeland security. It provides an overview of the various agencies associated with the field of homeland security and their domains of action and response. Course focuses on the attempts to align federal, state, local, tribal, private sector and other nongovernmental agencies for emergency preparedness and response efforts. This is a required course for the Homeland Security/Emergency Management degree programs.

HSEM 3003 Emergency Management (3-0-3)
This course surveys the context of natural and man-made disasters that pose challenges for emergency managers. Policies, practices and challenges which confront the field of emergency management are identified and explored. It provides an overview of the various agencies and their strategies of mitigation, planning, response and recovery. The roles and responsibilities of Emergency Managers at local, state and national levels are investigated. This is a required course for the Homeland Security/Emergency Management degree programs.

HSEM 3500 Counter-Terrorism (3-0-3)
This course surveys the history of domestic, national and international terrorism. Special attention is focused on the tools, tactics and strategies of counter-terrorism available to the agencies of homeland security. In addition, current terrorist threats

and responses will be addressed. This is a required course for the Homeland Security/Emergency Management degree programs.
Prerequisite(s): HSEM 3000 or permission of instructor.

HSEM 3850 Medical Management in Mass Emergencies (3-0-3)
This course is intended to address the unique issues facing medical managers in a catastrophic situation creating mass casualties. These categories may be man-made or natural disasters, but threaten to overwhelm normal first responder, EMT, Ambulance and emergency room systems. Short-term and long-term recovery and management responses, as well as advanced planning and preparation are discussed. This is an elective course for the Homeland Security and Emergency Management degree programs. Cross-Listed as HCMG 3850.
Prerequisite(s): HSEM 3000 or permission of instructor.

HSEM 4000 Research in Homeland Security/Emergency Management (3-0-3)
This course focuses on the sources of information and research relevant to Homeland Security/Emergency Management. Special attention is focused on emergent issues of interest in these fields.
Prerequisite(s): HSEM 3000 or permission of instructor.

HSEM 4098 Internship in Homeland Security/Emergency Management (3-0-3)
Under the supervision and direction of a member of the faculty of the Homeland Security/Emergency Management faculty the student will have an opportunity for a placement and field experience in one of the agencies appropriate to homeland security/emergency management. In addition, students will participate in a series of group seminars with other internship participant to share and discuss their experiences and insights. Students also will be required to complete a report summarizing their internship experience and relate it to the concepts, principles and foundations of the field of homeland security/emergency management.
Prerequisite(s): HSEM 3000 or permission of instructor required.

HSEM 4500 Disaster Planning and Response (3-0-3)
This course provides an overview of community, state and national-level responses to natural and man-made disasters and the planning and operational processes that agencies employ. The course focuses the National Response Plan, the National Incident Management System and also reviews past practices and experiences and the lessons learned. This is a required course for the Homeland Security/Emergency Management degree programs.
Prerequisite(s): HSEM 3000 or permission of instructor.

HSEM 4600 Intelligence and Analyses (3-0-3)
This course examines the essentials of the intelligence system, the intelligence process and creative problem solving skills in an intelligence environment. Specifically, students will learn the who's who in the intelligence community (IC), vision, mission, goals, locations, objectives and strategies of IC groups. This is an elective course in the Homeland Security/Emergency Management degree programs.
Prerequisite(s): HSEM 3000 or permission of instructor.

HSEM 4700 Legal Issues in Homeland Security/Emergency Management (3-0-3)
This course is designed to provide students with a detailed view of the relationship between the needs of homeland security/emergency management, the Patriot Act and the "traditional concepts" of the legal system. Special emphases are placed on the role of public law, the government's demands for more power and civil liberties. This is a required course in for Homeland Security/Emergency Management degree programs. Cross-Listed as PARA 4700
Prerequisite(s): HSEM 3000 or permission of instructor.

HSEM 4710 BioDefense (3-0-3)
This course is intended to address the potential dangers and responses to bioterrorism, including the identification of the major biological agents and their prevention, control and treatment. Emphases will be placed on the social and economic consequences of these agents and their responses, as well as the physical

consequences of bioweapons. Healthcare management responses to bioterrorism will be stressed. This is an elective course in the Homeland Security/Emergency Management major. Cross-Listed as HCMG 4710.
Prerequisite(s): HSEM 3000 or permission of instructor.

Information Technology: Database Administration (ITDB)

ITDB 4201 - Advanced Database Modeling (3-0-3)
An advanced course in database modeling drawing distinctions between data modeling, process modeling and implementation. Topics include Structured Query Language (SQL), Entity-Relationship modeling, relational algebra, normalization and relational database modeling, integrity constraints, and database security. Student teams design a database to integrate concepts learned.
Prerequisite(s): ITFN 3134 (C), ITFN 3314 (C), ITFN 3601 (C), ITFN 2411 (C), ITFN 2211 (C), and (ITFN 2511 or ITFN 2512) (C).

ITDB 4202 - Database Applications (3-0-3)
An advanced course in update processing and database applications. Topics include serializability, locking, levels of isolation, transaction recovery, checkpoints and media recovery, system catalogs, views, procedural constraints, and security. Additional topics include object databases, SQL, procedures, functions, and triggers. Student teams implement a database to integrate concepts learned.
Prerequisite(s): ITDB 4201 (C).

ITDB 4203 - Database Administration and Architecture (3-0-3)
An advanced course in database architecture and database administration with emphasis on concepts and applications of database processing, multi-tier and client-server architectures, distributed and parallel database systems, and database maintenance.
Prerequisite(s): ITFN 3134 (C), ITFN 3314 (C), ITFN 3601 (C), ITFN 2411 (C), ITFN 2211 (C).and (ITFN 2511 or ITFN 2512) (C).

ITDB 4204 - Special Topics in Database (3-0-3)
This course addresses new and developing topics, which shape the discipline. Topics include data mining, text mining, information retrieval, biodata, XMLDB, and database ontologies.
Prerequisite(s): ITDB 4203 (C).

Information Technology: Foundations (ITFN)

ITFN 1101 - Foundations of Information Technology (3-0-3)
As an introductory course in information technology, topics include foundations in hardware, software, data, and procedures. Students are introduced to structured programming techniques, systems development, database design and networking. Aspects of appropriate business ethics are discussed. Interpersonal skills and team building emphasized.
Prerequisite(s): Exit or Exemption from Learning Support Reading, English, and Math.

ITFN 1201 - Foundations of Database Design (3-0-3)
This foundational course presents terminology, basic concepts, and applications of database processing including file organization and data structures. The course emphasizes database design using various modeling techniques; database implementation using the relational model, normalization, and SQL. Students will design, create and process a database to demonstrate competency in the course content.

Prerequisite(s): [WBIT 1100 (C) or ITFN 1101 (C)], Area A Math Course (C), ENGL 1101 (C), CRIT 1101 (C).

ITFN 1303 - Foundations of Programming, C# (3-0-3)
An introductory object-oriented programming course using C#. The course contains a practicum and a best practices didactic. The practicum focuses on the hands-on business of writing code, knowledge of basic control structures and language syntax. The best practices didactic focuses on the craft of software engineering, good programming practices, performance and portability issues, and advanced syntax and data structures.
Prerequisite(s): [WBIT 1100 (C) or ITFN 1101 (C)], Area A Math Course (C), ENGL 1101 (C), CRIT 1101 (C).

ITFN 1401 - Foundations of Webmaster (3-0-3)
This course will focus on the hands-on business of writing HTML code, knowledge of basic control structures, language syntax, and file structures. Students will learn to plan and design web sites for target audiences. Students will learn techniques for client interfacing, project development, and w eb page mock-up. A best practices didactic will focus on hypertext design and navigation, application interface, copyright and ownership issues, ethics, and privacy, licensing and trademark issues.
Prerequisite(s): [WBIT 1100 (C) or ITFN 1101 (C)], Area A Math Course (C), ENGL 1101 (C), CRIT 1101 (C).

ITFN 1502 - Foundations of Networking and Security (3-0-3)
Introduction to terminology and applications of data communication and networking as essential elements of computer and business information systems. Students will understand basic network configurations, network architecture and security models. Through extensive industry research, students gain familiarity with concepts of data communication infrastructure, industry trends, hardware, software, media, transmission equipment, wireless and satellite communication. Includes an emphasis on LAN segmentation.
Prerequisite(s): [WBIT 1100 (C) or ITFN 1101 (C)], Area A Math Course (C), ENGL 1101 (C), CRIT 1101 (C).

ITFN 1502L – Foundations of Networking and Security Lab (1-0-1)
Laboratory accompanying ITFN 1502

ITFN 1601 - Introduction to UNIX (3-0-3)
An overview of current versions of the UNIX operating system reinforced with examples and exercises performed on a UNIX system. Introductory elements of shell programming and system administration will be covered.
Prerequisite(s): [WBIT 1100 (C) or ITFN 1101 (C)], Area A Math Course (C), ENGL 1101 (C), CRIT 1101 (C).

ITFN 2001 - Professional Development Seminar (1-0-1)
Develop professional skills necessary to function competently in the business world of information technology: resume writing, electronic resumes, cover letters, interviewing techniques, job research, business ethics and an overview of professional organizations. Begin construction of a digital portfolio to be maintained by the student and reviewed by faculty as a degree requirement for the Associates in IT.
Prerequisite(s): [WBIT 1100 (C) or ITFN 1101 (C)], Area A Math Course (C), ENGL 1101 (C), CRIT 1101 (C).

ITFN 2012 – Lower Division Capstone in Information Technology (0-V-2)
A capstone course to focus and apply information technology skills. Students may apply for internships with local businesses or may conduct a special project in information technology supervised by information technology professionals or faculty. Hours may vary, but generally range between 15-30 hours per week, for a minimum of 150 hours per semester. Employers and/or IT professionals coordinate with the University to evaluate student performance. Students must articulate clear goals and objectives and document their progress. Application must be made to the

Departchment Chair for approval. Application may also be required to the Office of Experiential Learning. Applications are due four weeks before start of semester.
Prerequisite(s): ITFN 1201 (C), ITFN 1401 (C), ITFN 1501 or ITFN 1502) (C), ITFN 2001 (C), and [CSCI 1301 (C), or ITFN 1303 (C), or WBIT 1310 (C)], and [ITFN 2211 (C), or ITFN 2411 (C), or ITFN 2511 (C)].
Prerequisite or corequisite: ITFN 2123 (C).

ITFN 2123 - Foundations of Project Management (3-0-3)
An introduction to information technology systems development with a focus on project management techniques and tools including resource and personnel management and allocation, product testing, scheduling, and project management software.
Prerequisite(s): [WBIT 1100 (C) or ITFN 1101 (C)], MATH 1101 (C), ENGL 1101 (C), CRIT 1101 (C), and COMM 1110 (C)
Prerequisite or corequisite: ENGL 1102.

ITFN 2211 - Intermediate Database Design (3-0-3)
This course continues the study of relational databases adding these additional topics: Relational algebra, set-theoretic operations, and relational operations. Database application design and development is covered including control mechanisms, forms, reports and menus as well as accessing databases via the Internet. Student teams build an integrated database application using high-level tools.
Prerequisite(s): ITFN 1201 (C), ITFN 1303 (C).

ITFN 2214 – Web Application Development (3-0-3)
This course exposes students to techniques used in database design and web application development for interactive content. Interactive web-based database application design and development are covered including control mechanisms, models, and views design and development. Server-side scripting and advanced web languages are introduced to facilitate students building dynamic web pages with graphics, sound, video, and animation while accessing customized databases via the Internet. Student teams build an integrated database application using high-level tools.
Prerequisite(s): ITFN 1201 (C) and ITFN 1401 (C) and ITFN 1303 (C) or CSCI 1301 (C) or WBIT 1310 (C).

ITFN 2313 - Intermediate Programming, C# (3-0-3)
As an intermediate class in object-oriented programming using C#, students will gain understanding of the nature of object-oriented programming via objects, classes and methods. Students will learn to use more advanced techniques of programming and the application of appropriate data structures. Discussion includes, development of graphical user interfaces, advanced coding techniques, error handling, and the implementation of database access and manipulation.
Prerequisite(s): ITFN 1303(C).

ITFN 2314 Programming Language Concepts (3-0-3)
This course surveys the history of programming languages and discusses various language paradigms and their influence on modern programming. Students will study the language/platform decisions associated with software development projects. Topics include: functional vs procedural languages, logic-based languages, scripting languages, interpreted vs compiled vs byte-code based languages, security and performance issues.
Prerequisite(s): ITFN 1301 (C) or ITFN 1302 (C) or ITFN 1303 (C) or WBIT 1310 (C).

ITFN 2411 - Intermediate Webmaster (3-0-3)
An intermediate course in web page production. Topics include the application of graphics, sound, video, and animation in the creation of interactive multimedia web sites. Students will gain familiarity with a variety of browsers and plug-ins and will focus on the skill of analyzing leading edge software tools. Students will examine graphic and image formats and processing using leading edge software tools.
Prerequisite(s):ITFN 1401 (C).

ITFN 2512 - Intermediate Networking and Security (2-2-3)
An intermediate course in terminology, concepts and applications of data communications technology including network topologies, network devices, standards and protocol analysis. The course will emphasize network LAN and WAN concepts with data network components: wireless concepts, data security and threat analysis, access control, security models, TCP/IP, OSI model, data communications hardware, software, facilities, and media.
Prerequisite(s): ITFN 1501(C).

ITFN 2512L – Intermediate Networking and Security Lab (1-0-1)
Laboratory accompanying ITFN 1512

ITFN 2601 - Foundations of Operating Systems (3-0-3)
A conceptual and hands-on study of operating systems. Major areas discussed include operating system design and theory, applications and management issues, microcomputer and multi-user systems, including networks and mini/mainframe systems. Also covered are files, I/O, memory and process/processor management, networking, evaluation, tuning and application execution. Elements of operating system resource security including process, memory, file system, and device peripherals, will be studied.
Prerequisite(s): ITFN 1112 (C).
Prerequisite or corequisite: ITFN 1301 (C), or ITFN 1302 (C), or CSCI 1301 (C) or ITFN 1303 (C) or WBIT 1310 (C).

ITFN 2700 - Applied Research and/or Instruction in Information Technology (variable credit & may be repeated)
A supervised research and/or instructional experience in Information Technology. Offered at the lower division.
Prerequisite(s): Invitation by an IT Faculty member and approval by Departchment Chair.

ITFN 2800 - Selected Topics in Information Technology (variable credit & may be repeated)
A special course, offered at the lower division, designed to explore a specific area in Information Technology.
Prerequisite(s): Application to IT program for permission

ITFN 2900 - Independent Study in Information Technology (variable credit & may be repeated)
A supervised course of study, offered at the lower division, guided by faculty mentor and/or expert from the field.
Prerequisite(s): Application to IT program for permission and written contract for course completion.

ITFN 3003 – Professional Development and Ethics (3-0-3)
This course for BIT majors includes a study of professional development and ethics. Students will develop skills necessary to function competently in the business world of information technology and professional organizations. Students also begin construction of a digital portfolio representing skills acquired and projects completed.
Prerequisite: ITFN 2214 (C).

ITFN 3103 – Human Computer Interaction (3-0-3)
Human Computer Interaction addresses fundamentals, techniques and methodologies for development of software systems that minimize the barrier between human cognitive models and machine physical representations. Topics include interaction styles, interface devices, user documentation, and interface assessment. Technical writing techniques will be emphasized as students create and assess user manuals and systems documentation.
Prerequisite: ITFN 3112 (C) (Can be taken concurrently).

ITFN 3112 - Systems Analysis and Design(3-0-3)
This course provides an in-depth study of established and evolving methods of information system design and implementation. As a project based class, it

demonstrates by example and experience the process of building systems from needs analysis and definition through specifications and implementation. Traditional life cycle methodologies are contrasted with object oriented analysis and prototyping.
Prerequisite(s): COMM 1110, ENGL 1102, and [CSCI 1301 (C), or ITFN 1303 (C), or WBIT 1310 (C)].

ITFN 3134 - Secure Systems Development (3-0-3)
A high-level course in systems development which delineates the cross-functional role of the systems analyst when advancing fundamental change through information systems development. This course will focus on the Security Systems Development Life Cycle methodology: tools and techniques for designing and implementing secure systems.
Prerequisite(s): ITFN 2123(C).

ITFN 3144 – Informatics Project Management (3-0-3)
This course will introduce project management tools and techniques that can be applied to projects from various disciplines such as business intelligence, health informatics, bioinformatics, and many other science and humanities disciplines. Students will learn the importance and function of project management and apply the project process of initiating, planning, executing, controlling and closing the project. They will apply knowledge and skills to manage project scope, project time and work flow, project cost and budgets, project resources, project quality, project human resource requirements, project communications and project risk management.
Prerequisite: ITFN 2214 (C).

ITFN 3314 - Testing and Quality Assurance in Software Development (3-0-3)
A high-level class in testing and quality assurance emphasizing the planned development of software and the nature of test development and implementation. Topics include test strategies, test planning, functionality testing, stability testing and debugging techniques. Lab fee required.
Prerequisite(s): ITFN 3112 (C) and[CSCI 1302 (C), or WBIT 2311 (C), or ITFN 2313 (C), or ITFN 2314(C)].

ITFN 3601 - Operating Systems (3-0-3)
A conceptual and hands-on study of operating systems. Major areas discussed include operating system design and theory, applications and management issues, microcomputer and multi-user systems, including networks and mini/mainframe systems. Also covered are files, I/O, memory and process/processor management, networking, evaluation, tuning and application execution. Elements of operating system resource security including process, memory, file systems, and device peripherals, will be studied.
Prerequisite(s): [CSCI 1302 (C), or WBIT 2311 (C), or ITFN 2313 (C)]
and [MATH 1231 (C), or MATH 2020 (C), or MATH 2502 (C), or WBIT 2300 (C)].

ITFN 4003 - Portfolio Development and Presentation (2-0-2)
This capstone course for BIT majors includes a study of ethics in the information technology arena. Students must complete a digital portfolio representing skills acquired and projects completed.
Prerequisite(s): ITFN 3112 (C).

ITFN 4014 - Internship Cooperative (0-V-V)
All students will complete this capstone course in cooperation with local industry. Working with business partners, students will develop meaningful projects, which integrate and apply knowledge in an actual work environment. Work hours and credit vary. 3 credits: 14-20 hours per week, for a minimum of 200 hours per semester; 6 credits: 25-40 hours per week, for a minimum of 400 hours per semester. Application must be made to Office of Experiential Learning and is subject to IT program approval. Before beginning an internship, students must complete a minimum of two courses from any of the major concentration emphasis areas.
Credits in excess of 3 may be counted toward free electives, not IT electives. Application due four weeks before start of semester.
Prerequisite(s): ITFN 4003 (C), substantial senior-level course work, and permission.

ITFN 4154 – Informatics Integration (2-2-3)
This course integrates the study of information and information technology across a milieu of academic disciplines and professional fields. Informatics supports development of knowledge through multidisciplinary application of information systems. Topics include: Information theory; knowledge management; legal and policy issues; responsibilities of informatics professionals; cultural, social, and ethical issues; and application of informatics to a variety of disciplines. Students will implement an informatics system applying current informatics applications and trends
Prerequisite(s) ITFN 3103 (C) ITFN 3112 (C) ITFN 3144 (C)

ITFN 4433 – Web Integration (3-0-3)
This course builds upon student fundamental database and web-design and development skills to expand into the server-side technologies, frameworks, and integration with external applications. Students will be exposed to IT problems, where collected data from different disciplines and formats must be modeled, stored, aggregated, retrieved and represented. This is a project oriented-course, and students will have opportunities to work in teams.
Prerequisite(s) ITFN 2214(C), ITFN 3112 (C), ITFN 3103 (C), and ITFN 3601 (C)

fITFN 4700 - Applied Research and/or Instruction in Information Technology (variable credit & may be repeated)
A supervised research and/or instructional experience in Information Technology.
Prerequisite(s): Invitation by an IT Faculty member and approval by Department Chair. Senior standing recommended.

ITFN 4800 - Selected Topics in Information Technology (variable credit & may be repeated)
A special course designed to explore a specific area in Information Technology.
Prerequisite(s): Application to the IT program for permission. Senior standing recommended.

ITFN 4900 - Independent Study in Information Technology (variable credit & may be repeated)
A supervised course of study guided by faculty mentor and/or expert-from-the-field.
Prerequisite(s): Application to the IT program for permission and written contract for course completion. Senior standing recommended.

Information Technology: Information Design and Production (ITMM)

ITMM 4413 - Infrastructure for E-Commerce (3-0-3)
This course concentrates on the infrastructure necessary to develop e-commerce websites. Topic includes e-commerce business models, network architectures and security, and e-commerce architectures. The relationship between web clients, web/commerce servers and back-end systems will be covered as well as the design elements of storefront implementation. Also discussed: tuning and load balancing, server management tools, and secure electronic transactions. Students will evaluate a variety of vendor solutions.
Prerequisite(s): ITFN 3134 (C), ITFN 3314 (C), ITFN 3601 (C), ITFN 2411 (C), ITFN 2211 (C), and ITFN 2511 (C).

ITMM 4423 - Security for E-Commerce (3-0-3)
This course addresses network and web-based security issues in general: network intruders (hackers), security policies and procedures, firewall, encryption, authentication and access control, and viruses. In addition, security issues unique to e-commerce systems are covered: electronic payments, secure transactions, secure sockets layer, digital signatures and auditing.
Prerequisite(s): ITFN 3134 (C), ITFN 3314 (C), ITFN 3601 (C), ITFN 2411 (C), TFN 2211 (C), and ITFN 2511 (C).

ITMM 4404 - Multimedia Production and Development (3-0-3)

A course on acquisition, development, and production of media elements such as graphics, animation, audio, video, virtual space, and simulations. Students will integrate content with functional design criteria and organize the major and minor components of a multimedia production project.

Prerequisite(s): ITFN 3134 (C), ITFN 3314 (C), ITFN 3601 (C), ITFN 2411, ITFN 2211 (C), and ITFN 2511 (C).

Information Technology: Network Planning, Design and Management (ITNW)

ITNW 4501 - Network Planning and Design (3-0-3)

High-level approach to network planning and design with emphasis on designing a network infrastructure with high availability, scalability, affordability, security, and manageability. Course begins with a review of networking/security concepts. Topics include designing models for addressing and naming, developing network security and network management strategies, gathering, interpreting, and evaluating customer requirements; defining the scope of work and analyzing resource and technology constraints and system interdependencies; analyzing facilities bandwidth requirements and capacity planning; researching product and vendor architecture and equipment specifications and limitations; finally, preparing an overall integration plan for new processes, protocols and equipment.

Prerequisite(s): ITFN 3134 (C), ITFN 3314 (C), ITFN 3601 (C), ITFN 2411, ITFN 2211 (C), and ITFN 2511 (C).

ITNW 4502 - Secure Networks and Communications Protocols (3-0-3)

A high-level study of network operating systems, security and communications protocols. Security concepts covered will include email security, IP security, web security, network management security, wireless security and system security. Other topics include the TCP/IP protocols suite, communications architecture, OSI protocol stack, flow control, switching, data compression and the application program-network interface.

Prerequisite(s): ITFN 3134 (C), ITFN 3314 (C), ITFN 3601 (C), ITFN 2411, and ITFN 2511 (C).

ITNW 4511 Business Continuity Planning & Disaster Recovery (3-0-3)

An advanced course on the development, implementation, management and administration of Business Continuity and Contingency Planning (BCCP). Students will evaluate the potential impact of a variety of disaster scenarios, learn to conduct system audits and risk assessments, develop recovery plans to protect the security and integrity of data and information. Additional topics include: developing base line for defining disaster levels and designing recovery time objective (RTO).

Prerequisite(s): ITNW 4501

Information Technology: Software Development (ITSD)

ITSD 4301 - Algorithms I (3-0-3)

A first course in the design and analysis of algorithms, including asymptotic notation, sorting and finite automaton; students will study static, dynamic and recursive data structures, and will understand concepts from a theoretical and practical standpoint.

Prerequisite(s): ITFN 3134 (C), ITFN 3314 (C), ITFN 3601 (C), ITFN 2411, ITFN 2211 (C), and ITFN 2511 (C).

ITSD 4303 - Human-Computer Interaction (3-0-3)
Fundamentals of human-machine interfaces, both cognitive and physical. Learning styles and effects of short-term memory on cognition and reaction will affect hardware and software development. Students will design a prototype interface.
Prerequisite(s): ITFN 3134 (C), ITFN 3314 (C), ITFN 3601 (C), ITFN 2411 (C), and [ITFN 2211 (C) or ITFN 2511 (C)].

ITSD 4305 - Special Topics in Software Development (3-0-3)
This course addresses new developments in the field, bleeding edge topics, which may not yet be mainstream, yet are deserving of attention as forces, which shape the discipline.
Prerequisite(s): ITFN 3134 (C), ITFN 3314 (C), ITFN 3601 (C), ITFN 2411 (C), ITFN 2211 (C), and ITFN 2511 (C).

ITSD 4312 - Algorithms II (3-0-3)
An advanced course in the design and analysis of algorithms with an em phasis on dynamic data structures, including red-black trees, B trees, min-max trees and static board evaluation. Graph theory will be studied, including minimum spanning trees, single-source shortest path, as well as advanced topics such as NP-completeness and approximation algorithms.
Prerequisite(s): ITSD 4301(C).

Information Technology Skills (ITSK)

ITSK 1701 - Database Applications (0-2-1)
An intermediate level skills course in Microsoft Access. Topics include reports, forms, OLE fields, sub-forms, macros, VBA and the switchboard manager. An introduction to relational database theory and database design is included.

Integrative Studies (INTE)

INTE 3901 - Integrative Studies Practicum/Internship (0-10-3)
This course is the principal "experiential learning" component of the Integrative Studies program. The placement site will be in a professional work environment related to the interests/career goals of the individual student. Placement may be with for-profit, not-for-profit, or governmental entities as appropriate. Collaborating business/agencies must agree to creating and supervising meaningful experiences that will allow students to observe and participate in projects and a ctivities that bear directly on the challenges of the contemporary workplace. Students will be encouraged to seek experiential opportunities outside the USA. Requires program approval. Course is repeatable for credit.
Prerequisite(s): Admission to the Integrative Studies Program

International Studies (INTL)

INTL 2800 - Study Abroad (credit varies)
Organized academic study outside the United States. Study normally focuses on the culture, language, history, or economics of a nation or region. Depth and scope at the lower division level. May be repeated for credit when topics vary.
Prerequisite(s): Approval by Clayton State International Coordinator and dean of the school of the student's major.

INTL 3800 - Study Abroad (credit varies)
Organized academic study outside the United States. Study normally focuses on the culture, language, history, or economics of a nation or region. Depth and scope at the upper division level. May be repeated for credit when topics vary.

Prerequisite(s): Approval by Clayton State International Coordinator and dean of the school of the student's major.

INTL 3900 - Special Topics in International Studies (credit varies)
Seminar or individual directed study of a special topic of international significance. The special topics do not necessarily entail travel outside the United States. May be repeated for credit when topics vary.
Prerequisite(s): Approval by the dean of the school of the student's major.

Internet (INET)

INET 1150 - Web Languages (3-0-3)
An introduction to the fundamental languages of the World Wide Web (WWW). Students will learn to work with the basic markup languages to create hyperlinks, formatted text, tables, graphics, image maps, and forms.
Prerequisites: CNET 1103, CNET 1105.

INET 1250 - Web Programming (3-0-3)
An introduction to the programming on the World Wide Web. The fundamentals of programming, including variables, data types, input/output statements, control structures and functions will be covered. Students will learn to work with objects, properties, and events using a scripting language.
Prerequisites: INET 1150.

INET 2160 - Internet Technologies (3-0-3)
An introduction to the different technologies that comprise the Internet. Topics include addressing and routing, programming on the Internet, databases and web hosting, Internet clients, web servers, and Internet security.
Prerequisite(s): CNET 1105.

INET 2165 - Web Server Support (2-2-3)
This course introduces the student to web server configuration and maintenance. Installation of web server software as well as configuration and optimization of http, ftp, and secure internet connections will be explored. Current technology will be used to explain and demonstrate the principles covered in class.
Prerequisite(s): CNET 1109, INET 2160.

Journalism (JOUR)

JOUR 3011 - Journalism Workshop (0-V-1)
A workshop for upper division students who participate in the production of student publications or other campus print-oriented media. May be repeated for credit, not to exceed nine semester hours. Interested students should consult with the Program Coordinator for Communication and Media Studies in the College of Arts and Sciences.

JOUR 3012 - Mass Communication Workshop (0-V-1)
A workshop for upper division students who participate in the production of student or other campus multi-media publications (emphasizing non-print media). May be repeated for credit, not to exceed nine semester hours. Interested students should consult with the Program Coordinator for Communication and Media Studies in the College of Arts and Sciences.

Language Arts/Reading (LART)

LART 3010 - Teaching Reading in the Content Areas (3-0-3)

A course that focuses on the strategies necessary for effective communication in language arts, mathematics, science, and social studies. Reading selections and strategies will reflect the subject matter content of the various disciplines, with emphasis on mathematics, science, and social studies. Includes laboratory/practicum component. Required for all middle level teacher education students.
Prerequisite(s): Admission to the Middle Level Teacher Education Program.

LART 3120 - Language Arts: Skills and Concepts (3-0-3)

This course offers in-depth study of the key communication skills needed by the middle level teacher: writing (including grammar), reading (including critical thinking/reading), speaking, and listening. The instructors model the Reading and Writing Workshop approach commonly used in middle schools and help students create and adapt strategies for teaching these four major skills. The course includes a field-based component, which requires the development of a language arts lesson that is later taught in a local middle school. Required for all middle level teacher education students.
Prerequisite(s): LART 3010.

Learning Support

ENGL 0099 - English Skills (3-0-3)

A course concerned with developing and enhancing writing skills including composing, editing, and proofreading. Students will write paragraphs and short essays. Course instruction will focus on grammar, usage, punctuation, and construction of clear, logical statements. Students will be expected to create and correct written communications using the laptop computer. (Learning Support exit-level course.)

MATH 0097 –Elementary Algebra (3-0-3)

This course provides an introduction to algebra. Topics include operations with signed numbers and polynominals; solving linear equations in two variables; graphic solutions of linear systems; special products and factoring trinomials. This course emphasizes conceptual understanding and problem solving as well as computational skills.

MATH 0099 - Intermediate Algebra (3-0-3)

This is a second course in elementary algebra including the following topics: properties of the real numbers system, linear inequalities, algebraic solutions of linear systems, rational expressions and equations, roots and radicals, factoring, quadratic equations, graphing of linear and non-linear equations, and functions. This course emphasizes conceptual understanding and problem solving as well as computational skills.
Prerequisite(s): A grade of C% or better in MATH 0097 (or equivalent mathematics placement score.)

READ 0099 - Reading Skills (3-0-3)

A course concerned with developing and enhancing critical reading skills. Students will work on improvement of comprehension, vocabulary, and reading efficiency. Students required to take READ 0099 must exit the course before taking any courses in the Core Curriculum (Areas A-F). (Learning Support exit-level course.)

Management (MGMT)

MGMT 3101- Management Principles and Organizational Behavior (3-0-3)

This course is designed to introduce the basic principles and concepts of management and their influence on the behavior in organizations. It covers such topics as what

managers and organizations do, managing people, managing behavior between people, leadership practices, and managing change. Through a focus on skill development, students are taught how to be effective performers, either as an employee or a manager, or on teams within organizations. Through the information that is covered students will learn how to work with managers and will prepare them for the time when they are likely to assume managerial and leadership responsibilities. This course provides coverage of topics essential to understanding management functions and their link to employee and organizational success.
Prerequisite(s): ACCT 2101 (C), or ECON 2105 (C), or ECON 2106 (C), or TECH 3111 (C), or BUSA 3111 (C), or BSUR 3111 (C), or HCMG 3112 (C) or HSCI 2111 (C) or ITFN 2123 (C).

MGMT 3102 - Performance/Quality Management (3-0-3)
This course includes the history of the development of operations management and total quality management (TQM). Selected topics of both operations and TQM such as work simplification, team building, statistical process control, Deming's 14 points for managing productivity, work measurement, and others are included in this course.
Prerequisite(s): Admission to the College of Business, MGMT 3101 (C), and BUSA 3101 (C).

MGMT 3120 - Managerial Communication (3-1-3)
A study of the communication process within organizations including interactive communications and related external communications. The course contains significant components of writing and speaking by students and requires lab activity related to job preparations. The official writing assessment and oral presentation assessments for BBA students are administered in this course.
Prerequisite(s): Admission to the College of Business, ENGL 1102 (C).

MGMT 3520 - Negotiation and Conflict Management (3-0-3)
This course will explore the concept of negotiation in both the national and international environments. Attention will be paid to topics such as strategies and tactics, nonverbal communication, and ethical and cultural aspects. Other forms of dispute resolution used in business, such as mediation and arbitration will also be addressed, and the design of conflict management programs will be examined.
Prerequisite(s): MGMT 3101 (C) and MKTG 3101 (C).

MGMT 4101 - Human Resource Management (3-0-3)
The principles and practices of personnel management, including the responsibilities of personnel departments such as recruiting, placing, training and evaluating personnel, and meeting legal requirements.
Prerequisite(s): MGMT 3101 (C) or HCMG 3101 (C).

MGMT 4102 - Organizational Behavior (3-0-3)
Study of the behavioral aspects related to the management of individuals and groups within an organization.
Prerequisite(s): MGMT 3101(C) or HCMG 3101 (C).

MGMT 4111 - Leadership (3-0-3)
A study of the theories of leadership including the effect of leadership styles on organizational structure, change, and effectiveness.
Prerequisite(s): Admission to the College of Business, MGMT 3101 (C).

MGMT 4250 - Women in Leadership (3-0-3)
This course is a survey of women in leadership from an historical and strategic perspective. Focus is on identification of useful theories and the application of appropriate strategies to promote the development of women in the business world.
Prerequisite(s): Junior standing (60 hours or more), Admission to the College of Business or the Women's Studies minor or permission by instructor

MGMT 4302 – Case Studies in Performance Quality Management (3-0-3)
Building on MGMT 3102, this course begins with an analysis of recent industrial applications of TQM and related readings from the current literature. A team project

will require students to develop a plan for using TQM concepts to improve quality and productivity in their own work domain.
Prerequisite(s): MGMT 3102 (C).

MGMT 4311 - Entrepreneurship (3-0-3)
The operation of a small business enterprise; the essentials of entrepreneurship, comprehensive business planning including market research and analysis, selecting and leading employees, and financial analysis.
Prerequisite(s): MGMT 3101 (C) or HCMG 3101(C).

MGMT 4320 - Creativity and Management of Change (3-0-3)
An introduction to methods and strategies used for improving individual and group creativity and for managing planned change in organization. Effective planned change will be studied along with techniques involved in implementing change.
Prerequisite(s): MGMT 3101 (C).

MGMT 4403 - International Management (3-0-3)
Survey course introducing students to the considerations involved in the international flow of people, information, funds and goods and services for commercial purposes. The course focuses on business strategies facing organizations engaged in business in other countries.
Prerequisite(s) or Corequisite(s): MKTG 3420 (C).

MGMT 4510 - Legal Issues in Human Resources (3-0-3)
A course designed to acquaint both employees and employers with legal issues that arise in the scope of employment. Selected issues may include drug testing, right to work, contract negotiations, grievance procedures, arbitration, and sexual harassment.
Prerequisite(s): BLAW 2106 (C) or BUSA 2106 (C), BLAW 3370 (C), or TECH 3115 (C).

MGMT 4725 - Dean's Senior Seminar in Business (3-0-3)
A case-based course that provides an in-depth examination of comprehensive business problems in organizations.
Prerequisite(s): Admission to the College of Business, Senior Standing, FINA 3101 (C), MKTG 3101 (C), MGMT 3101 (C), BUSA 3700 (C), BUSA 3101 (C), MGMT 3120 (C).
Prerequisite(s) or Corequisite(s): MGMT 3102 (C), MKTG 3420 (C).

MGMT 4750 - Strategic Management (3-0-3)
A capstone course to integrate the knowledge and skills gained in a student's program of study. It is an opportunity for a student to formulate an overall business policy and strategy. Due to exit exams administered in the course, it is strongly recommended that the course be taken the last semester before graduation.
Prerequisite(s): Admission to the College of Business, Senior Standing, FINA 3101 (C), MKTG 3101 (C), MGMT 3101 (C), , BUSA 3700 (C), MGMT 3120 (C), Prerequisite(s) or Corequisite(s): MGMT 3102 (C), MKTG 3420 (C).

MGMT 4800 - Selected Topics in Management (3-0-3)
A detailed examination of selected topics in management may be repeated when topics vary.
Prerequisite(s): Admission to the College of Business, MGMT 3101 (C).

MGMT 4850 - Internship/Cooperative Education (Variable Credit)
Individually designed learning program involving a managerial field experience in private or public sector. Program of study and student supervision must be approved by the Dean of Business or designee and Director of Experiential Learning. May be repeated for credit for a maximum of 6 credits.
Prerequisite(s): Admission to the College of Business.

Marketing (MKTG)

MKTG 3100 - Personal Marketing (3-0-3)
An introduction to the concept of marketing and its relevance to individuals in various career tracks. Particular emphasis is placed on the application of the marketing concept in professional career initiation and on the development and delivery of marketing presentations. The course also includes an overview of business etiquette and the development of a comprehensive self-marketing plan.

MKTG 3101 - Principles of Marketing (3-0-3)
An introduction to the activities involving the exchange of goods, services, and ideas for the satisfaction of human wants. The role that the marketing function plays in the determination of policies and strategies relating to product, price, channels of distribution, and promotion is extensively examined.
Prerequisite(s): [ACCT 2101 (C), or ECON 2105 (C), or ECON 2106 (C), or TECH 3111 (C), or BUSA 3111 (C), or BSUR 3111 (C), or HCMG 3112 (C) or HSCI 2111 (C).

MKTG 3302 - Consumer Behavior (3-0-3)
An analysis of the psychological, social, and economic influences which affect attitude formation and decision-making processes of consumers. An overview of the research methods used in determining characteristics of buyers is included. Students are strongly recommended to take PSYC 1101 prior to enrolling in MKTG 3302.
Prerequisite(s): MKTG 3101 (C).

MKTG 3312 - Services Marketing (3-0-3)
This course focuses on developing marketing strategies for service industries, which is different than tangible products marketing. Strategies are also discussed for not-for-profit groups like membership organizations, trade associate, labor unions, professional and cultural organizations, social and religious agencies, institutions, and governmental organizations.
Prerequisite(s): MKTG 3101 (C).

MKTG 3420 - Global Business (3-0-3)
This course discusses the various dimensions of the international business environment. The cultural, legal, political, and economic institutions with which international firms come into contact are extensively examined. In addition, the course addresses how the functional areas of business, finance, accounting, production, human resources management, marketing, and technology management, have to adapt to the international environment.
Prerequisite(s) or Corequisite(s): MKTG 3101 (C), MGMT 3101 (C).

MKTG 3520 - Negotiation and Conflict Management (3-0-3)
This course will explore the concept of negotiation in both the national and international environments. Attention will be paid to topics such as strategies and tactics, nonverbal communication, and ethical and cultural aspects. Other forms of dispute resolution used in business, such as mediation and arbitration will also be addressed, and the design of conflict management programs will be examined.
Prerequisite(s): MGMT 3101(C), MKTG 3101 (C).

MKTG 4104 - Marketing Research and Analysis (3-0-3)
This course focuses on the use of research methods in marketing decision-making, including developing and evaluating marketing strategies. T opics include the gathering and use of marketing information from primary and secondary sources, and quantitative and qualitative research methodologies, including sampling techniques and basic statistical analysis. Students will formulate a research design for a marketing problem; collect, code, clean, analyze and evaluate data; and w rite and present a final report, including specific marketing recommendations. T his course requires extensive use of the computer for word processing and statistical analysis.
Prerequisite(s) or Corequisite(s): BUSA 3101 (C) or TECH 3113 (C).
Prerequisite(s): MKTG 3101 (C).

MKTG 4106 -Advertising and Promotion Strategy (3-0-3)
This course focuses on the promotion component of the marketing mix. While it covers all aspects of the promotional function, special emphasis is given to advertising. It examines the techniques used by profit and non-for profit organizations to communicate effectively with their target markets.
Prerequisite(s): MKTG 3101 (C).

MKTG 4200 - Sports Marketing (3-0-3).
The Sports Marketing course is designed to apply marketing principles and concepts to the sports marketing industry. Students will learn how to market to the sports marketing consumer and how sports marketing impacts businesses. Topics include (1) defining and creating the sports marketing product, (2) promoting, pricing, and selling the sports marketing product, and (3) learning about the sports marketing business environment.
Prerequisite(s): MKTG 3101 (C). Admission to the College of Business.

MKTG 4207 - Professional Selling (3-0-3)
This course examines the role of personal selling within the marketing mix, including the principles of selling products and services, building of sales organizations, sales training and practical sales techniques, evaluation of sales force effectiveness, and professional, ethical, and legal aspects of selling.
Prerequisite(s): MKTG 3101 (C). Admission to the College of Business.

MKTG 4420 - International Marketing (3-0-3)
The study of marketing and international business from a broad conceptual viewpoint, incorporating the marketing concept into the framework of the world market place. The student is assumed to have a fundamental understanding of marketing principles. Emphasis is placed on export management and implementation of international marketing plans.
Prerequisite(s) or Corequisite(s): MKTG 3420 (C).

MKTG 4510 - Retailing (3-0-3)
A study of the basic concepts and practices associated with a modern, successful retail establishment. Emphasis is focused on store location, merchandising, promotion, and overall coordination and control.
Prerequisite(s): MKTG 3101 (C).

MKTG 4750 - Marketing Management (3-0-3)
This capstone course is intended to integrate basic principles throughout the overall marketing mix resulting in effective management of marketing functions in profit or not-for-profit organizations. Focus is on analytical skills including the impact of internal and external environments on decision-making for each element of the marketing mix, and on the application of pertinent marketing principles to develop a marketing strategy and marketing plan. Case studies and/or computer simulation are utilized. This course must be taken at Clayton State University during the last two semesters of enrollment; last semester is strongly recommended.
Prerequisite(s): MKTG 3101 (C), at least two of the following upper level Marketing courses: (MKTG 3302 (C), MKTG 3312 (C), MKTG 4104 (C), MKTG 4106 (C), MKTG 4207 (C), MKTG 4420 (C), MKTG 4510 (C), MKTG 4800 (C)), Admission to the College of Business.

MKTG 4800 - Selected Topics in Marketing (3-0-3)
A detailed examination of selected topics pertinent to the field of marketing. May be repeated when topics vary.
Prerequisite(s): MKTG 3101 (C).

MKTG 4850 - Internship/Cooperative Education (Variable Credit)
Individually designed learning program involving marketing field experience in private or public sector. Program of study and student supervision must be approved by the Dean of Business or designee and Director of Experiential Learning. May be repeated for credit, for a maximum of 6 credit.

Prerequisite(s): Admission to the College of Business.

Mathematics (MATH)

MATH 0097 - Elementary Algebra (4-0-4)
See the Learning Support course listings.

MATH 0099 - Intermediate Algebra (4-0-4)
See the Learning Support course listings.

MATH 1101 - Introduction to Mathematical Modeling (3-0-3)
This is an introduction to mathematical modeling using graphical, numerical, symbolic and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communication of quantitative concepts and results. This course in applied college algebra will involve an applications-driven study of functions; linear, quadratic, polynomial, exponential, logarithmic and piecewise-defined models; inverse functions; composition of functions; systems of equations.
Prerequisite(s): A grade of D% or better in MATH 0099 or a grade of D or better in MATH 1111 or a SAT Math (re-centered) minimum score of 550, or a minimum ACT score of 24,or a suitable mathematics placement score.

MATH 1111 - College Algebra (3-0-3)
This course is a functional approach to algebra that incorporates the use of appropriate technology. Emphasis will be placed on the study of functions and their graphs, inequalities, and linear, quadratic, piece-wise defined, rational, polynomial, exponential, and logarithmic functions. Appropriate applications will be included.
Prerequisite(s): A grade of C% or better in MATH 0099, a grade of C or better in MATH 1101 or a SAT Math (re-centered) minimum score of 550, or a minimum ACT score of 24, or a suitable mathematics placement score.
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MATH 1112 - Trigonometry & Analytic Geometry (3-0-3)
A study of trigonometry including angle measurement, solving triangles, fundamental trigonometric identities, solving trigonometric equations, and an introduction to trigonometric functions of real numbers and their graphs. Also covered are conic sections and their graphs.
Prerequisite(s): MATH 1111 (C).

MATH 1113 - Pre-Calculus (3-0-3)
This course is designed to prepare students for calculus, physics, and related technical subjects. Topics include an intensive study of algebraic and transcendental functions accompanied by analytic geometry.
Prerequisite(s): A suitable mathematics placement score.

MATH 1221 - Finite Mathematics (3-0-3)
This course is a mathematical preparation for the understanding of various quantitative methods in modern management, information technology and social sciences. Topics include: sets, logic and circuits, basic combinatorics including permutations and combinations, probability and probability distributions, systems of linear equations, matrix theory, and linear programming using a geometric approach. Additional topics that may be included are elementary statistical distributions, Markov chains, and game theory.
Prerequisite(s): A grade of C or better in MATH 1101 or MATH 1111 or grade of D or better in MATH 1113 or MATH 1501.

MATH 1231 - Introductory Statistics (3-0-3)
This course is based on college-level algebra/mathematical modeling and will involve study of basic descriptive and inferential statistics. Topics include probability, random

variables, probability functions, measures of central tendency and variation, sampling, and statistical estimation and prediction.
Prerequisite(s): A grade of C or better in MATH 1101 or MATH 1111 or a grade of D or better in MATH 1113, MATH 1241, or MATH 1501.

MATH 1241 - Survey of Calculus (3-0-3)
This course is a non-rigorous study of differential and integral calculus of functions of one variable with decision applications for business and social sciences. Not open to students with credit for Calculus I (MATH 1501).
Prerequisite(s): A grade of C or better in MATH 1101 or MATH 1111 or a grade of D or better in MATH 1113 or a suitable mathematics placement score.

MATH 1501 - Calculus I (4-0-4)
This course is a study of algebraic, trigonometric, logarithmic, and exponential functions including limits, continuity, the derivative, and differentiation, the definite integral, and applications.
Prerequisite(s): A grade of C or better in MATH 1112, MATH 1112A, MATH1113 or a suitable mathematics placement score.

MATH 2020 - Introductory Discrete Mathematics (3-0-3)
This course is a study of the concepts of finite mathematical structures. Topics include set theory, logic, proof techniques, functions and relations, graphs, trees, and combinatorics.
Prerequisite(s): A grade of C or better in MATH 1112, MATH 1112A, MATH 1113, MATH 1221, or MATH 1501.

MATH 2140 - Introductory Linear Algebra (3-0-3)
This course is an introduction to matrix algebra including determinants, vector spaces, linear transformations, and eigenvectors.
Prerequisite(s): A grade of C or better in MATH 1501 or a grade of D or better in MATH 2502 (Can be taken concurrently).

MATH 2502 - Calculus II (4-0-4)
This course is a study of algebraic and transcendental functions with an emphasis on integral calculus and sequences and series. Other topics from single variable calculus include parametric equations and polar coordinates. Applications focus on functions which model real-world situations.
Prerequisite(s): A grade of C or better in MATH 1501.

MATH 2503 - Calculus III (4-0-4)
This course is a study of three-dimensional analytic geometry, the calculus of vector-valued functions and multivariable calculus. Topics include vector-valued functions, their derivatives, integrals, and applications; limits, continuity, partial derivatives, and extrema of multivariable functions; multiple and line integrals.
Prerequisite(s) A grade of C or better in MATH 2502.

MATH 3003 - Applied Mathematical Modeling (3-0-3)
This course is an introduction to the creation and use of mathematical models. Mathematical techniques will be developed and applied to real systems in areas including chemistry, biology, physics and economics. Students will be expected to make written and oral presentations in a professional manner. This course will emphasize the creation and testing of models and discussions of errors and forecasting. Students will work on projects singly and as part of a group.
Prerequisite: A grade of C or better in MATH 1501.

MATH 3005 - A Transition to Advanced Mathematics (3-0-3)
This course is designed to prepare the student for advanced courses in mathematics. Topics include logic, set theory, properties of integers and mathematical induction, relations, and functions.
Prerequisite(s): A grade of C or better in MATH 2502 and MATH 2140. Or a grade of C or better in MATH 2502 and MATH 2020.

MATH 3006 – Communications in Mathematics (1-0-1)
Several techniques for effective public speaking and effective mathematical writing will be presented. Students will learn to use the tools that professional mathematicians use in the preparation of their research for publication and presentation at conferences.
Prerequisite(s): A grade of C or better in MATH 3005. (Can be taken concurrently.)

MATH 3010 - Number Concepts and Relationships (3-1-3)
This course is a study of the real number system, its historical development, its subsets and their algebraic properties, the theoretical foundations of its four basic operations, computational issues, and descriptive statistics. Includes a laboratory/practicum component through which pedagogical issues such as multiculturalism are addressed.
Prerequisite(s): Admission to Middle Level Teacher Education Program. A grade of C or better in (MATH 1112, MATH 1112A, or MATH 1113) and a grade of C or better in MATH 1231.

MATH 3010S - Number Concepts and Relationships (3-0-3)
This course is a study of the real number system, its historical development, and comparison to other numeration systems, its subsets and their algebraic properties, the theoretical foundations of its four basic operations, computational issues, and elementary set and number theory. This course is only open to in-service Georgia teachers.

MATH 3020 - Concepts of Algebra (3-1-3)
This course is a study of functions designed to reinforce knowledge of the algebraic skills and processes taught at the middle grades level and to extend this knowledge to more advanced topics. The course includes probability functions, polynomial functions, rational functions, exponential and logarithmic functions, and trigonometric functions. Other topics discussed are the fundamental theorem of algebra, polar coordinates, trigonometric forms of complex numbers, conic sections in rectangular and polar form, and the binomial theorem. Open to qualified students without credit for MATH 3010 by permission of the Head of Mathematics Department.
Prerequisite(s): A grade of C or better in MATH 3010. Co-requisite of MATH 3030 or Permission of the Department of Mathematics

MATH 3020S - Concepts of Algebra (3-0-3)
This course is a study of algebra and functions designed to reinforce knowledge of the algebraic skills and processes taught at the middle grades level and to extend this knowledge to more advanced topics. The course includes a review of basic algebra; equations and inequalities in one variable with applications; functions and graphs with special attention to linear, quadratic, polynomial, and exponential functions; operations on functions and inverse function; and systems of equations and inequalities in two variables. This course is open only to in-service Georgia teachers.

MATH 3030 - Concepts of Geometry (3-1-3)
An exploratory approach to the study of plane, solid, analytic, transformational, spherical, and fractal geometry. Specific topics include symmetries of plane figures through rotations, reflections, and translations; construction of plane and solid figures (polygons and polyhedra); perimeter, area, surface area, and volume; triangle properties, including similarity and congruence theorems; Pythagorean Theorem; comparison of Euclidean and spherical geometry; locus of points; fractals; van Hiele levels of geometric understanding; informal and formal proof.
Prerequisite(s): A grade of C or better in MATH 3010. Co-requisite of MATH 3020 or Permission of the Department of Mathematics

MATH 3110 - Survey of Algebra (3-0-3)
This course is a survey of group, ring, and field theory. Topics include algebraic structures on the integers, the real numbers, and the complex numbers; modular arithmetic; the Euclidean Algorithm; group and ring homomorphisms and isomorphisms; and field extensions with applications to constructions.
Prerequisite: A grade of C or better in MATH 3005.

MATH 3220 - Applied Statistics (3-0-3)

This course is an introduction to multiple regression, analysis of variance, and other selected inference methods. Topics will be selected from chi-square tests, non-parametric statistical methods, analysis of variance using simple experimental designs, and multiple regression methods, including model checking, analysis of residuals, and model building. Throughout the course, real data and computer software will be utilized.

Prerequisite(s): A grade of C or better in MATH 1231 or PSYC 2105 and MATH 1241 or MATH 1501 or CHEM 2412 or BUSA 3101.

MATH 3303 - Ordinary Differential Equations (3-0-3)

This course provides an introduction to methods for solving ordinary differential equations. Course material will include modeling and methods of solution for linear and nonlinear first order equations, modeling and methods of solution for second and higher order linear equations and series solutions around ordinary points. Further topics (e.g. series solutions around regular singular points, Laplace transform methods and introductory methods for solving systems of ordinary differential equations) may be added at the instructor's discretion.

Prerequisites: A grade of C or better in MATH 2502 and a grade of C or better or concurrent enrollment in MATH 2140.

MATH 3520 – Introduction to Analysis (3-0-3)

This is a rigorous introduction to analysis of functions on Euclidean space. Topics include limits, continuity, sequences, series, differentiation, integration, and sequences and series of functions.

Prerequisites: A grade of C or better in MATH 2503 and MATH 3005.

MATH 4010 - Mathematical Problem Solving: Advanced Concepts (3-0-3)

This course is a study of extended and refined methods of mathematical problem solving. These methods will allow the use of problem-solving approaches to investigate and understand mathematical content, to apply integrated mathematical problem-solving strategies to solve problems from within and without mathematics, and to apply the processes of mathematical modeling to real-world problem situations. Problems to be solved will arise from a variety of areas including the course content of MATH 3010 and MATH 3020.

Prerequisite(s): A grade of C or better in MATH 3020.

MATH 4050 – Methods of Teaching Secondary Mathematics (3-1-4)

Students will explore theory and pedagogy of mathematics instruction with a focus on teaching methods across a variety of mathematical topics. The emphasis will be on learning and communicating mathematics. Topics will be taken from Number and Operations, Geometry, Algebra, Data Analysis, and Discrete Mathematics. Appropriate intergration of technology for mathematics teaching and learning will be emphasized. Twenty hours of filed experience will be included.

Prerequiste(s): Permission of the Department Chair

MATH 4020 - Concepts of Discrete Mathematics (3-0-3)

This course is a study of mathematical topics characterized by discrete processes. The study focuses on combinatorics, the theory of graphs and trees, matrix representations, and iterative algorithms. Recursive thinking and inductive processes are emphasized through a variety of applications involving discrete mathematical models. Deductive proof is introduced through topics from logic, set theory, and graph theory; some relevant topics from the history of mathematics are explored.

Prerequisite(s): MATH 3030 (C) and a grade of C or better or concurrent enrollment in MATH 4010.

MATH 4130 - Applied Algebra (3-0-3)

This course begins an investigation of how the theory of abstract algebra is applied to solve non-theoretical problems. Topics are selected from applications in exact computing, error correcting codes, block designs, crystallography, integer

programming, cryptography and combinatorics. Students will work both singly and in groups on projects from the chosen topics.
Prerequisite: A grade of C or better in MATH 3110.

MATH 4231 - Modern Geometry (3-0-3)
This course begins a study of Euclidean and non-Euclidean geometries. Topics will be explored through historical perspectives, formal geometric proofs, technology-based investigations, and modern applications.
Prerequisite: A grade of C or better in MATH 3005.

MATH 4250 – Elementary Number Theory (3-0-3)
An introduction to the mathematical treatment of concepts related to the integers. Topics include divisibility, prime numbers, numerical functions, congruence classes and Diophantine equations. Other topics such as rational and irrational numbers may be addressed.
(Prerequisite(s): A grade of C or better in MATH 3005.

MATH 4303 - Partial Differential Equations (3-0-3)
This course investigates classical methods used in partial differential equations. Topics include data propagating along characteristics, classification of systems of the first order equation, the method of transforms and separation of variables, and typical applications of the wave and heat equations.
Prerequisites: A grade of C or better in MATH 2503 and MATH 3303.

MATH 4320 - Numerical Methods (3-0-3)
This course is an introduction to numerical techniques used in applied mathematics. Main topics will be chosen from various modules, including, but not limited to: direct and iterative methods for solutions of linear systems; numerical differentiation and integration; interpolation and splines; initial value and boundary value problems for ordinary differential equations; least squares problems; Monte Carlo methods; initial and boundary value problems for partial differential equations.
Prerequisite(s): A grade of C or better in MATH 3005, MATH 3303, and CSCI 1301 and CSCI 1371.

MATH 4350 - Graph Theory (3-0-3)
This course is a study of the fundamental concepts of graphs, trees, connectivity, Eulerian and Hamiltonian graphs, planar graphs, graph colorings, network flows, matching theory and applications.
Prerequisites: A grade of C or better in MATH 3005 or both [MATH 2020 and MATH 2140].

MATH 4360 - Combinatorics (3-0-3)
This course is a study of combinatorial problem solving techniques. Topics are selected from counting principles, generating functions, recurrence relations, principle of inclusion and exclusion, pigeon-hole principle, Polya theory, combinatorial designs, matroids, and Latin squares.
Prerequisites: A grade of C or better in MATH 3005 or a grade of C or better in both MATH 2020and MATH 2140.

MATH 4800 - Selected Topics in Mathematics (3-0-3)
Topics of interest in mathematics not covered in listed courses.
Prerequisite: Permission of department and a grade of C or better in MATH 3005.

MATH 4988 – Directed Undergraduate Research (0-1-1) (repeatable up to 2 credit hours)
Students conduct individual research in preparation for their senior capstone project in the B.S. in Mathematics degree program. Research will be closely supervised by one or more faculty members.
Prerequisite: Permission of the Department Chair.

MATH 4989 – Senior Capstone Project (0-1-0)
Students will summarize their directed, individualized research. A research paper and public presentation are the required output for the course. Several techniques for

effective public speaking and effective mathematical writing will be presented. Students will learn to use the tools that professional mathematicians use in the preparation of their research for publication.
Prerequisite: Permission of the Department Chair.

Music (MUSC)

MUSC 0890 - Recital Attendance
Monitors student attendance at recitals.
Prerequisite(s): Music major.

MUSC 1002 – Music Fundamentals (3-0-3)
A beginning study in reading, notation, and execution of fundamentals of music relating to pitch, rhythm, and tonality. The course is open to all students (intended for non-music majors and for new music majors not prepared to enroll in MUSC 1011). May not be counted for credit towards a music degree or minor.

MUSC 1011 - Music Theory I (3-0-3)
Music notation; major and minor scales and key signatures; intervals. Rhythmic notation in simple and compound meters. Triads and seventh chords; elements of voice leading.

MUSC 1012 - Music Theory II (3-0-3)
Harmonic progression; writing with first and second inversion triads; non-harmonic tones, cadences, phrases, and periods; uses of diatonic seventh chords. Binary and Ternary forms.
Prerequisite(s): MUSC 1011 with a grade of C or better.

MUSC 1111 - Aural Skills I (0-2-1)
Studies in interval recognition, triad and seventh chord recognition of basic elements of rhythm. Sight-singing, exercises in rhythmic, melodic, and harmonic dictation. Usually taken concurrently with MUSC 1011.

MUSC 1112 - Aural Skills II (0-2-1)
Continued work in sight-singing, dictation; elementary work in improvisation. Usually taken concurrently with MUSC 1012.
Prerequisite(s): MUSC 1111 with a grade of C or better.

MUSC 1151 - Class Piano I (0-2-1)
For students entering with deficiencies in keyboard ability. Does not apply toward the major.

MUSC 1152 - Class Piano II (0-2-1)
Does not apply toward the major.
Prerequisite(s): MUSC 1151 with a grade of C or better.

MUSC 1310 - Class Voice (0-2-1)
Group instruction in vocal performance. May be used as elective credit.

MUSC 1330 - Class Guitar (0-2-1)
Group instruction in guitar. May be used as elective credit.
MUSC 1500 - Applied Music Secondary (0-1-1)
Private secondary lessons in voice, piano and other instruments. May be repeated for credit.
Corequisite(s): MUSC 1710 or 3410.

MUSC 1710 - Major Ensemble-Choir (0-3/5-1)
MUSC 1710 - Major Ensemble-Wind Ensemble (0-3/5-1)
MUSC 1710 - Major Ensemble-Jazz Band (0-3/5-1)
MUSC 1710 - Major Ensemble-Orchestra (0-3/5-1)

May be repeated for credit. Provides opportunity for student to demonstrate the ability to perform in ensembles that are varied both in size and nature.

MUSC 1771 – Diction for Singers I (0-3-1)
Introduction to International Phonetic Alphabet, as a preliminary to study of pronunciation of the major languages of Western art music, and study of the pronunciation of Ecclesiastical Latin, standard Italian, and standard broadcast American English using the International Phonetic Alphabet.

MUSC 2011 - Music Theory III (3-0-3)
Secondary functions; modulation. Modal mixture, Neapolitan sixths, altered dominants. Fugue, variation, and rondo forms.
Prerequisite(s): MUSC 1012 with a grade of C or better.

MUSC 2012 - Music Theory IV (3-0-3)
Augmented sixth chords, enharmonic modulation. Analytic work in a variety of 20th Century repertories. Sonata form offered.
Prerequisite(s): MUSC 2011 with a grade of C or better.

MUSC 2101 - Music Appreciation (3-0-3)
A study of various forms and styles of music through history by listening to recordings, reading, and concert attendance designed to develop the skills of perceptive listening. Critical thinking and communication skills are emphasized. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.] Does not apply toward the major.

MUSC 2111 - Aural Skills III (0-2-1)
Advanced work in sight-singing, rhythmic, harmonic, and melodic dictation. Usually taken concurrently with MUSC 2011.
Prerequisite(s): MUSC 1112 with a grade of C or better.

MUSC 2112 - Aural Skills IV (0-2-1)
Usually taken concurrently with MUSC 2012.
Prerequisite(s): MUSC 2111 with a grade of C or better.

MUSC 2151 – Class Piano III (0-2-1)
Intermediate piano skills for students needing additional applied piano skills and including those with a piano concentration. Develops skills in sight-reading, score-reading, accompanying, harmonization, transposition and basic keyboard harmony. Open to music majors only.
Prerequisite(s): MUSC 1152 with a grade of C or above, or completion of the piano proficiency exam.

MUSC 2152 – Class Piano IV (0-2-1)
Intermediate piano skills for students needing additional applied piano skills and including those with a piano concentration. Develops skills in sight-reading, score reading, accompanying, harmonization, transposition and basic keyboard harmony.
Prerequisite(s): MUSC 2151 with a grade of C or above. Open to Music majors only

MUSC 2301 - Introduction to World Music (3-0-3)
A study of selected non-western music cultures, past and present, introducing a variety of musical concepts and styles from around the world, reflecting the inter-relationships between musical styles and the cultures in which they are created and interpreted. Critical Thinking and communication skills are emphasized. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]

MUSC 2400 - Applied Music Secondary (0-1-1)
Study in music performance in the student's secondary performance area. Student expected to perform a cross-section of music from the complete repertory of the particular performance medium, and develop technical skills requisite for artistic self-

expression at an appropriate level. May be repeated for credit. Open only to music majors or by approval of the Department Chair.
Corequisite(s): MUSC 1710.

MUSC 2500 - Applied Music Primary (0-1-2)
Study in music performance in the student's major area. Students are expected to perform a cross-section of music from the complete repertory of the particular performance medium, and develop technical skills requisite for artistic self-expression at an appropriate level. May be repeated for credit. Open to music majors only (or by approval of the Department Chair).
Corequisite(s): MUSC 1710 or 3410.

MUSC 2771 – Diction for Singers II (0-3-1)
Study of the pronunciation of standard stage German (*Bühnendeutsch*), and classical artistic French (*style soutenu*) using the International Phonetic Alphabet, with a brief introduction to other issues of singing diction, such as Austro-German Latin.
Pre-requisite: MUSC 1771.

MUSC 2900 - Introduction to Music Education and Technology (1-2-2)
Designed to introduce students to real-life music education through structured observation of and interaction with local music educators. Students will also become familiar with technology, professional journals, and other resources specific to music education.
Prerequisites: MUSC 1012

MUSC 2911 - Jazz Theory I (2-0-2)
Examines theoretical principles and nomenclature associated with jazz. Emphasis spelling, naming and aural recognition of chords, scales, and harmonic progressions; principles of substitute scales and chords; harmonic and melodic analysis. Includes some composition.
Prerequisite(s): MUSC 1112.

MUSC 2912 - Jazz Theory II (2-0-2)
Continues MUSC 2911; advanced work with 9th, 13th chords, whole-tone, diminished, and augmented scales.
Prerequisite(s): MUSC 2911.

MUSC 3070 - Counterpoint (3-0-3)
Introduction to modal and tonal counterpoint, with some introduction to later styles.
Prerequisite(s): MUSC 2011.

MUSC 3080 - Scoring and Arranging (3-0-3)
A study of ranges and characteristics of instruments and voices, in the context of historical development of styles. Basic practical concepts in arranging, including writing and performance of projects.
Prerequisite(s): MUSC 2011.

MUSC 3090 – Jazz Arranging (3-0-3)
A practical study of the basic knowledge, skills, and techniques involved in arranging music for the jazz combo and/or large jazz ensemble, including the writing and performance of projects. Course outcomes include the ability to hear, write, and manipulate in notation the elements of music as they apply to a jazz setting.
Pre-requisite: MUSC 2912 with a minimum grade of C

MUSC 3101 - History of Jazz (3-0-3)
An in-depth, analytical investigation of jazz music and its cultural significance in 20th century America. Critical thinking and communication skills are emphasized. Open to all students regardless of major.
Prerequisite(s): ENGL 1102. Completion of CRIT 1101 and Area C recommended.

MUSC 3102 – History of Popular Music (3-0-3)
This course offers an overview of American popular music, exploring formal and

stylistic origins of various genres and examining connections between popular music and traditional forms.
Prerequisite(s): ENGL 1102 with a minimum grade of C

MUSC 3150-Keyboard Harmony (2-0-2)
The development of advanced piano skills for piano performance majors and other who wish to develop more sophisticated keyboard skills beyond the degree requirements will be covered. Continued work in sight-reading, score-reading (open choral score and orchestral score), accompanying, harmonization, transposition, figured bass and improvisation as well as increased velocity in scale and arpeggio playing.
Prerequisite(s): MUSC 2152 with a grade of C or higher or permission of the instructor.

MUSC 3220 - Introduction to Music Technology (3-0-3)
Introduction to recent development in musical technology, including analog and digital synthesizers, computer notation programs, MIDI, and digital sampling. Basic work in analog and digital recording.
Prerequisite(s): MUSC 2011.

MUSC 3310 – Introduction to Music Industry Studies (3-0-3)
This course will provide an introductory overview of the commercial music industry, including its history and development within the context of the production of multiple popular and traditional styles. The course explores how the music industry has developed in the United States. Students will consider how music (as well as musicians) has evolved into "product."
Pre-requisite: MUSC 1012

MUSC 3320 – Music Marketing and Management (3-0-3)
This course explores the evolving nature of the music industry as it relates to the marketing and selling of music as product. Students will explore how copyright law, contract law, publicity, marketing, and promotions change in response to new technologies and new economic contexts. Emphasis will be placed on how musicians (both commercial and traditional) must navigate the legal and contractual complexities associated with how music as a "product" is produced, marketed, and distributed.
Pre-requisite: MUSC 3310

MUSC 3330 – Music Copyright and Publishing (3-0-3)
This course offers students a detailed study of music publishing. Students will explore how copyright law, royalties, and distribution function in the twenty-first century. Emphasis will be placed on how music publishers must navigate the legal and contractual complexities associated with traditional publishing, as well as the various digital mediums of e-commerce.
Pre-requisite: MUSC 3310

MUSC 3410 - Major Ensemble-Choir (0-3/5-1)
MUSC 3410 - Major Ensemble-Wind Ensemble (0-3/5-1)
MUSC 3410 - Major Ensemble-Jazz Band (0-3/5-1)
MUSC 3410 - Major Ensemble- Orchestra (0-3/5-1)
May be repeated for credit. Provides opportunity for student to demonstrate the ability to perform in ensembles that are varied both in size and nature.

MUSC 3430 - Conducting (1-2-2)
The basic principles of conducting and score-reading.
Prerequisite(s): MUSC 2011.

MUSC 3450 - String Methods and Materials (1-2-1)
Methods and materials of playing and teaching string instruments. Evaluation of methods and materials. Music majors only.
Prerequisite(s): MUSC 2012 (C).

MUSC 3451 - Brass Methods and Materials (1-2-1)
Methods and materials of playing and teaching brass instruments. Evaluation of methods and materials. Music majors only.
Prerequisite(s): MUSC 2012 (C).

MUSC 3452 - Percussion Methods and Materials (1-2-1)
Methods and materials of playing and teaching percussion instruments. Evaluation of methods and materials. Music majors only.
Prerequisite(s): MUSC 2011 (C).

MUSC 3453 - Woodwind Methods and Materials (1-2-1)
Methods and materials of playing and teaching woodwind instruments. Learning teaching methods and materials. Observation in the public schools.
Prerequisite(s): MUSC 2011 (C).

MUSC 3510 - Chamber Ensembles (0-3-1)
Performance in small chamber ensembles appropriate to student's major performance area. May be repeated for credit.

MUSC 3550 - Accompanying (0-2-1)
Development of technical and musical skills necessary to accompany vocalists and instrumentalists Permission of instructor is required. May be repeated for credit. Performance in small chamber ensembles appropriate to student's major performance area.

MUSC 3560 - Chamber Choir (0-3-1)
Performance in small vocal ensembles of music from all periods. Permission of instructor is required. May be repeated for credit. Performance in small chamber ensembles appropriate to student's major performance area.

MUSC 3570 – Music Drama Workshop (0-5-1)
This course grants credit for performance in a staged production of music drama. This course provides students with the opportunity to study and apply the techniques of effective performance in all forms of music drama intended for theatrical, rather than concert, performance. A udition for the Music major or for the instructor is required. May be repeated for credit.

MUSC 3614 – Music History Survey I (3-0-3)
Survey of Western music from antiquity through 1750.
Pre-requisites: MUSC 2011 (grade of C or higher) and ENGL 1102.

MUSC 3615 – Music History Survey II (3-0-3)
Survey of Western music from 1750 to the present.
Pre-requisites: MUSC 2011 (grade of C or higher) and ENGL 1102.

MUSC 3620 – Sacred Music History (3-0-3)
This course explores the use of music in the liturgical practices of various western traditions, including those of the Jewish, Orthodox, Catholic, and Protestant faiths. The role of religion in perpetuating the western art and music will be examined, as well the great musical works and innovations that resulted from religious patronage. Reports on field observations of sacred music practices and a term paper will require critical thinking and writing skills of the students enrolled in the course.
Prerequisite(s): MUSC 3614 with a minimum grade of C

MUSC 3720 – Art Song Literature
A study of the literature of the solo song, with particular attention to the national styles of solo song with piano accompaniment from 1800 to the present.
Pre-requisite: MUSC 1012.

MUSC 3730 – Piano Literature (3-0-3)
Survey of standard keyboard literature for piano. Emphasizes style analysis, performance-practice problems, and editions. Major program outcomes: student will

be expected to develop an understanding of musical forms and processes in their historical contexts, and be able to place the music studied in historical, cultural, and stylistic contexts.

MUSC 3750 - Choral Literature (3-0-3)
Historical survey of music for multiple voices from the late Middle Ages through the 20th century.
Prerequisite(s): MUSC 1012.

MUSC 3760 - Orchestral Literature (3-0-3)
A survey of orchestral literature from the late Baroque through the 20th century.
Prerequisite(s): MUSC 1012.

MUSC 3770 - Chamber Music Literature (3-0-3)
A survey of repertoire for various chamber ensembles, c.1760-present.
Prerequisite(s): MUSC 1012.

MUSC 3780 - Organ Literature (3-0-3)
A survey of organ literature from the Middle Ages to the present.
Prerequisite(s): MUSC 1012.

MUSC 3820 - Improvisation (0-2-1)
Practical work in improvising in a variety of music styles.
Prerequisite(s): MUSC 2011.

MUSC 3830 – Beginning Jazz Improvisation (0-2-1)
Applied work in the development of basic skills, scale construction, style techniques, and approaches for improvisation in a jazz setting, including exercises on fundamental chord structures, blues, and basic song forms. For music majors.
Pre-requisite: MUSC 2911 with a minimum grade of C.

MUSC 3890 - Junior Recital
Offered each semester. Note: this is not a "course" as such, but a transcript marker indicating that a committee of faculty have approved the student's junior recital.

MUSC 3910 - Elementary Music Methods (3-0-3)
Principles and techniques for teaching music to children K through 8. Includes musical development of the young child, program goals and content, methods, and assessment strategies.
Prerequisite: MUSC 2900 (C).

MUSC 3970 - Form and Analysis (3-0-3)
Introduction to standard musical forms, including sectional forms, fugue and canon, sonata and sonatina forms, hybrid forms such as first-movement concerto form, sonata-rondo, etc.
Prerequisite(s): MUSC 2012.

MUSC 4102 – Politics of Music and Culture (3-0-3)
This reading-intensive course explores the relationships between music and society and the ways socio-political forces influence how music is produced, marketed, and consumed. Students will engage in research and discussions designed to encourage critical thinking skills in considering how various forces (both musical and non-musical) in modern culture shape the modern music industry.
Prerequisite(s): CRIT 1101 (C), ENGL 1102 (C), junior standing

MUSC 4310 – Artist and Concert Management (3-0-3)
This course explores the evolving nature of the music industry as it relates to live performance. Students will explore copyright law, contract law, publicity, marketing, and promotions within the context of the touring artist and the performance event.
Pre-requisite: MUSC 3310

MUSC 4320 – Music Entrepreneurship
This course explores the various ways in which the entrepreneur (both musical and non-musical) can effectively and efficiently create a music-based business venture. Students will study concepts relevant to the world of small business, then apply concepts to the evolving marketplace of commercial music, as well as traditional expressions of music. Students will learn how music production, promotion, and marketing is accomplished through independent companies.
Pre-requisite: MUSC 3310

MUSC 4400 - Applied Music for B.M.Music Education Students (0-1-1)
Successful completion of Sophomore Barrier is required. May be repeated for credit. Study in music performance in the student's major performance area. Student expected to perform a cross-section of music from the complete repertory of the particular performance medium, and develop technical skills requisite for artistic self-expression at an appropriate level.
Co-requisite: MUSC 3410

MUSC 4430 - Advanced Conducting (2-0-2)
Advanced study in conducting, rehearsal techniques, and score reading.
Prerequisite(s): MUSC 3430.

MUSC 4500 - Applied Music for B.M., Performance, or B.A. Students (0-1-2)
Successful completion of Sophomore Barrier is required. May be repeated for credit. Study in music performance in the student's major performance area. Student expected to perform a cross-section of music from the complete repertory of the particular performance medium, and develop technical skills requisite for artistic self-expression at an appropriate level.
Co-requisite: MUSC 3410

MUSC 4530 – Musical Theatre (3-0-3)
A study of New Music Theatre forms including but not limited to the American Musical. (Cross-listed with THEA 4530) Open to music majors.

MUSC 4620 – Sacred Music Administration (2-0-2)
A course that acquaints students with music programs in a sacred context. Includes the development of a church/temple choir program, methods and techniques of rehearsal, liturgical planning, sacred music literature, budget preparation, and committee and pastoral relationships.
Pre-requisites: MUSC 3614 and ENGL 1102, both with minimum grade of C; music major with junior or senior standing

MUSC 4700 - Vocal Pedagogy (3-0-3)
A study of the human voice, its registers, classification of voices, method of practicing, analysis, style, and selection of literature. Work in vocal pedagogy lab.
Prerequisite(s): MUSC 1012.

MUSC 4710 - Piano Pedagogy (3-0-3)
A study of current trends and methods used in teaching private and group piano lessons. Special emphasis on technical problems and appropriate literature.
Prerequisite(s): MUSC 1012.

MUSC 4715 – Rhythm Section Methods (0-2-2)
An applied study of playing techniques and roles of performance on instruments typically found in the jazz rhythm section, such as piano, guitar, string bass, and drum set.

MUSC 4830 – Advanced Jazz Improvisation (0-2-1)
A continuation of MUSC 3830. Advanced techniques in the development of skills and approaches for improvisation in a jazz setting, including exercises on altered chord structures, rhythm changes, advanced progressions, and solo transcription. For music majors
Pre-requisite: MUSC 3830 with a minimum grade of C.

MUSC 4890 - Senior Recital
Offered each semester. Note: this is not a "course" as such, but a transcript marker indicating that a committee of faculty have approved the student's senior recital.
Prerequisite(s): MUSC 3890.

MUSC 4910 - Choral Methods and Literature (2-0-2)
Designed to provide students with in-depth knowledge of choral techniques and literature. Students will study practical conducting strategies while acquiring the knowledge of choral repertoire suitable to public school settings.
Prerequisite(s): MUSC 2900 (C), MUSC 3430 (C).

MUSC 4922 - Instrumental Methods and Materials I (2-0-2)
Methods and materials of teaching instrumental music. Evaluation of methods and materials.
Prerequisite(s): MUSC 2012 (C).

MUSC 4923 - Instrumental Methods and Materials II (2-0-2)
Methods and Materials of teaching elementary instrumental music. Evaluation and implementation of methods and materials.
Prerequisite(s): MUSC 2012 (C) and MUSC 3910 (C).

MUSC 4930 - Student Teaching (0-40-12)
Full- time supervised teaching of music in school settings. To be taken during the student's final semester of the program.

MUSC 4990 - Music Capstone (3-0-3)
A major final project (performance and/or research based, significant internship experience, etc.) for the B.A. in Music. Normally taken in the student's last semester of study. Department approval required.

Nursing (NURS)

NURS 3101 - Professional Issues (3-0-3)
This course is designed to enhance the registered nurses perception of the role of the professional practitioner in meeting the health needs of society. Selected theories, issues, and trends in nursing will be analyzed. Historical, societal, political, ethical, and legal factors impacting the profession will be explored. Modular seminar topics include a wide range of current selected topics driven by the current professional and social environment. (For RN-BSN students only.)
Prerequisite(s): BSN Admission.

NURS 3110 - Interactive Communication (3-0-3)
This course focuses on ways to improve interpersonal skills in personal and professional settings. Students learn a specific set of communication techniques, identify their strengths and weaknesses, and strive to improve their interpersonal effectiveness. Content includes relationship development, assertiveness, giving and taking criticism, group dynamics, crisis intervention, conflict resolution and problem solving.
Prerequisite(s): Junior standing.

NURS 3200 – Health Assessment (2-3-3)
This course provides the leaner with basic knowledge about assessment of the health status of adults. Developmental and cultural variations across the lifespan are examined. The focus of the course is on wellness maintenance, interviewing skills in obtaining health histories, performing physical examinations in a supervised laboratory environment and use of critical thinking skills to identify risk factors for actual and potential alterations in health. Identifying selected abnormal physical findings when conducting a head-to-toe physical examination is emphasized.
Prerequisite(s): BSN Admission or permission of Instructor.

NURS 3201 - Health Assessment for R.N.'s (2-0-2)
This course provides the R.N. learner with the knowledge necessary to perform a health assessment on adults and use critical thinking skills to identify risk factors for actual or potential alterations in health. Emphasis will be placed on interviewing skills in taking a health history and differentiating between normal and abnormal physical findings when conducting a head-to-toe physical examination.
Prerequisite(s): R.N. Licensure
Absolute Corequisite(s): NURS 3201.

NURS 3202 - Health Assessment Practicum for RNs (0-3-1)
Provides the learner with the opportunity to develop the skills necessary to perform a systematic health assessment/physical examination on adults from diverse cultural backgrounds. Lab time is structured to facilitate skill development in individuals with nursing experience.
Prerequisite(s): RN Licensure or permission of Instructor.
Absolute Corequisite(s): NURS 3201.

NURS 3301 - Health Promotions (3-0-3)
This course is designed to introduce the student to roles and issues for the professional nurse. Concepts highlighted in this course are theoretical perspectives on health-illness, developmental, situational, and role transitions in the nursing profession. In addition, the course emphasizes the nurse's role in promoting individual and family health across the lifespan.
Prerequisite(s): BSN Admission.
Absolute Corequisite(s): NURS 3301L.

NURS 3301L - Health Promotions Practicum (0-3-1)
This course is designed to allow the student to focus on the application of the theoretical concepts related to the role of the professional nurse in promoting individual and family health across the lifespan. Activities are designed to allow students to participate in interdisciplinary collaboration, application of teaching and learning principles, and to develop beginning skills in nursing therapeutics as related to health promotion.
Prerequisite(s): BSN Admission.
Absolute Corequisite(s): NURS 3301.

NURS 3383 - Clinical Pharmacology Seminar (3-0-3)
This seminar will examine clinical application of pharmaceutical agents as they relate to clients experiencing acute and chronic health conditions. Students will identify important considerations in the health maintenance and management of clients across the life span as recipients of pharmacotherapy.
Perquisite(s): NURS 3401/3401L.
Corequisite(s): NURS 3501 and NURS 3701.

NURS 3401 - Health Illness Transitions I (3-0-3)
This course is designed to provide a theoretical and practical basis for the application of nursing therapeutics essential to the general care of individual clients experiencing developmental and health-illness transitions across the lifespan. Students are expected to apply assessment and communication principles in identifying needs of individuals with acute health-illness transitions. Emphasis in this course is on the introduction of basic principles necessary for promoting a healthy outcome in meeting holistic needs of the individual client.
Prerequisite(s) or Concurrent Corequisite(s): NURS 3301; NURS 3201; NURS 3110.
Absolute Corequisite(s): NURS 3401L.

NURS 3401L - Health Illness Transitions I Practicum (0-6-2)
This course focuses on the clinical application of concepts learned in NURS 3401 and previous courses. Students will have the opportunity to continue to develop assessment and nursing therapeutic skills in meeting holistic needs of the individual client with acute health-illness transitions.
Prerequisite(s) or Concurrent Corequisite(s): NURS 3201L; NURS 3301L.
Absolute Corequisite(s): NURS 3401.

NURS 3501 - Psychosocial Transitions (3-0-3)
This course focuses on theory and practice considerations for clients experiencing situational, developmental, and health-illness transitions affecting their mental health. Emphasis is placed on understanding clients' perceptions, within the context of their current mental status, biological factors, risk factors and cultural background, in order to design appropriate professional nursing interventions.
Prerequisite(s): NURS 3401.
Absolute Corequisite(s): NURS 3501L.

NURS 3501L - Psychosocial Transitions Practicum (0-6-2)
This course focuses on clinical application of theory and research related to clients experiencing situational, developmental, and health-illness transitions affecting their mental health. Emphasis is placed on the development of communication skills, critical thinking, and interdisciplinary collaboration to facilitate healthy adaptation to psychosocial stressors and recovery from mental health problems. A variety of acute care and community health care settings will be used.
Prerequisite(s): NURS 3401L.
Absolute Corequisite(s): NURS 3501.

NURS 3701- Health Illness Transitions II (3-0-3)
This course is designed to provide a theoretical and practical basis for the application of nursing therapeutics in the provision of holistic care for the adult clients and their families experiencing development, situational, and health-illness transitions. Emphasis will be on integration of nursing therapeutics with specific pathophysiologic concepts commonly experienced by the adult client. Responses of the individual and family in transition will also be addressed.
Prerequisite(s): NURS 3401.
Corequisite(s): NURS 3701L.

NURS 3701L - Health-Illness Transitions II Practicum (0-6-2)
This course provides the learner the opportunity to build upon the concepts, skills, and theories introduced in NURS 3401 and previous courses. The course provides opportunities to enhance integration of concepts into the practice setting appropriate for adult individuals and families in transition. Students gain experience in the application of nursing therapeutics in a variety of acute care and community health care settings.
Prerequisite(s): NURS 3401L.
Absolute Corequisite(s): NURS 3701.

NURS 4000 - Developmental Transitions I (3-0-3)
This course is designed to provide a theoretical and practical basis for the application of nursing therapeutics, in the provision of comprehensive care for childbearing individuals and families. Concepts highlighted in this course include sexuality and reproduction. Course content examines developmental, situational, and health-illness transitions experienced by childbearing individuals and families.
Prerequisite(s): NURS 3501; NURS 3701, NURS 3383.
Absolute Corequisite(s): NURS 4000L.

NURS 4000L - Developmental Transitions I Practicum (0-6-2)
Within the context of the concepts learned in NURS 3601 and previous courses, students will integrate the role of the nurse to enhance health promotion and illness prevention in order to promote healthier outcomes. Emphasis is placed on the application of nursing therapeutics to meet the holistic needs of the individual and family in the childbearing years. A variety of acute care and community health care settings will be used.
Prerequisite(s): NURS 3501L; NURS 3701L.
Absolute Corequisite(s): NURS 4000.

NURS 4100 - Nursing Research (3-0-3)
This course emphasizes the critical review and evaluation of research articles and application of research findings to practice. Specific aspects of the research process

are discussed from both a quantitative and qualitative approach, as a foundation to being an informed consumer of research. Building a scientific basis for practicing nursing is studied as a method for improving the quality of nursing practice. For basic licensure students, completion of all 3000-level NURS courses is recommended prior to taking this course.
Prerequisite(s): (MATH 1231 or HSCI 2201) and NURS 3701.

NURS 4200 - Research for Evidence-Based Practice (3-0-3)
An introduction to the research process and the skills required to interpret, evaluate, and integrate knowledge generated from research as a foundation for evidence-based practice. Human subject's rights and ethical aspects of research are discussed. Scientific investigation is studied as a method of evaluating and improving professional practice.
Prerequisite(s): RN Licensure and completion of Statistics Course.

NURS 4201 - Developmental Transitions II (3-0-3)
This course is designed to provide a theoretical and practical basis for the application of nursing therapeutics, in the provision of comprehensive care for children and their families. Course content examines developmental, situational, and health-illness transitions experienced by individual pediatric clients and their families.
Prerequisite(s): NURS 3501; NURS 3701 and NURS 3383.
Absolute Corequisite(s): NURS 4201L.

NURS 4201L - Developmental Transitions II Practicum (0-6-2)
Within the context of the concepts learned in NURS 4201 and previous courses, students will integrate the role of the nurse to enhance health promotion and illness prevention in order to promote healthier outcomes. Emphasis is placed on the application of nursing therapeutics to meet the holistic needs of the individual and family from birth to adolescence. A variety of acute care and community health care settings will be used.
Prerequisite(s): NURS 3501L; NURS 3701L.
Absolute Corequisite(s): NURS 4201.

NURS 4401 - Health Illness Transitions III (3-0-3)
This course is a continuation of Health-Illness II in providing a theoretical and practical basis for the application of nursing therapeutics in the provision of holistic care for clients and their families experiencing developmental, situational, and health-illness transitions. Emphasis will be on the provision of holistic care of individuals and families experiencing multisystem health-illness transitions.
Prerequisite(s): NURS 4201; NURS 4000.
Absolute Corequisite(s): NURS 4401L.

NURS 4401L - Health-Illness Transitions III Practicum (0-9-3)
This course focuses on the management of groups of clients and their families experiencing multisystem health-illness transitions. The course provides opportunities to validate competencies of a beginning professional nurse while enhancing synthesis of concepts learned in all Health-Illness courses. A variety of acute care and community health care settings will be used.
Prerequisite(s): NURS 4201L; NURS 4000L.
Absolute Corequisite(s): NURS 4401.

NURS 4500 - Role Transitions (2-0-2)
This course is for students in the basic licensure major only and is to be taken during the student's senior year. Role concepts, transitions from student to professional, health care issues and trends are explored. Students are required to submit a satisfactory portfolio and pass an end –of- program competency examination as a requirement of course completion.
Prerequisite(s) or Concurrent Corequisite(s): NURS 4201; NURS 4000, NURS 4100.
Prerequisite/Corequisite: NURS 4401; NURS 4601.

NURS 4503 - RN Practicum (0-9-3)
This clinical practicum course requires RN students to accomplish individual learning objectives negotiated with their faculty facilitators and designated preceptor at the onset of the course. Individual objectives allow students to achieve course outcomes. The practicum will enable RNs to expand their clinical expertise, broaden their exposure to different specialty areas, and apply theory learned throughout the BSN curriculum to meet the needs of clients. The practicum will also enable the RN student to implement the professional roles of a BSN registered nurse in the areas of leadership/management, education, and community practice.
Prerequisite: NURS 3101; NURS 3201; NURS 3202
Prerequisite or Corequisite: NURS 4603/4604.

NURS 4601 - Organizational Transitions (4-0-4)
This course is designed to examine leadership and management theory as they apply to groups and aggregate populations in various health care settings. The student, as a manager, focuses on the role of the nurse in wellness promotion, epidemiology, international health, environmental issues, and the effect of nursing within health care systems. Competencies previously acquired are extended to include principles of management and leadership and their application to groups in transition.
Prerequisite or Corequisite(s): NURS 4000, NURS 41000, NURS 4201.
Absolute Corequisite(s): NURS 4601L.

NURS 4601L - Organizational Transitions Practicum (0-3-1)
This course is designed to allow students to apply leadership and management principles with groups and aggregate populations in various health care settings. Learning experiences focus on synthesizing concepts acquired in NURS 4601 and prerequisite courses such as communication, critical thinking, teaching/learning, and nursing process while validating competencies expected of a beginning professional nurse.
Prerequisite(s): NURS 4000L; NURS 4201L.
Absolute Corequisite(s): NURS 4601.

NURS 4603 - Organizational Transitions for RNs (4-0-4)
This course is designed to examine leadership and management theories as they apply to groups and aggregate populations in various health care settings. The student, as a leader, focuses on the role of the nurse in wellness promotion, epidemiology, international health, environmental issues, and the effect of nursing within health care systems. Competencies previously acquired are extended to include principles of management and leadership and their application to groups in transition.
Prerequisite(s): NURS 3101, RN License.

NURS 4604 - Advanced Organizational Transitions for RNs (4-0-4)
This course is designed as a synthesis experience for the returning RN student that allows more in-depth exploration of advanced management, education, and community concepts. Concepts addressed in this course include assessment of a community, case management, disease state management, resource allocation, quality improvement, and future trends in health care. Students are required to submit a satisfactory portfolio as a requirement of course completion.
Prerequisite(s) or Concurrent Corequisite(s): NURS 4603.

NURS 4800 - Directed Readings in Nursing (variable credit 1-3)
This is a directed readings course with a faculty mentor. Permission of the instructor and faculty mentor required prior to registration.
Prerequisite(s): BSN Admission

NURS 4801 - Perioperative Nursing
This course provides the student with an in-depth look at the practice of Perioperative nursing. Didactic and clinical experiences are provided in area hospitals with students functioning in all aspects of intraoperative nursing including scrubbing, circulating, and recovering surgical patients.
Prerequisite: Junior Nursing Status.

NURS 4802 - Transition to Emergency Nursing (2-1-3)
This is an elective nursing course that provides the student nurse with asynchronous online learning as well as supervised practicum/clinical experiences in emergency nursing. This course is introductory to this specialty area of nursing. Students function in all aspects of emergency nursing including triage, patient assessment, patient stabilization, medication administration, and patient education.
Prerequisite(s): NURS 3701 and NURS 3701L

NURS 4950 - Independent Study [variable credit]
Independent study is arranged with a specific instructor in the area of interest. Outcome goals are written by the student and approved by the instructor. (A student who plans to carry out the research proposal submitted in NURS 4100 should register for NURS 4950.)
Prerequisite(s): Consent of the instructor and dean or associate dean.

Office (OFFC)

OFFC 3510—Advanced Office Software Applications
This course focuses on the advanced functions of MS Office, including Word, Power Point, Excel and Access. Topics will include working with forms and templates, advanced tools, automation through macros, security and file sharing.

OFFC 3810 - The Role of the Executive Assistant (3-0-3)
This course addresses the special responsibilities of the executive assistant. In addition to stressing advanced technical skills, the course covers such important issues as confidentiality, sensitivity to corporate/institutional culture, protocol, schedule management, and public relations. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.

OFFC 4098 - Internship (1-10-3)
Students secure employment in supervised and approved work situations to further management and occupational skills. A minimum of 150 hours of work experience related to Administrative Management is required. Advisor approval required. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.
Prerequisite(s): MGMT 3101 and TECH 3104 or MGMT 3101 and OFFC 3110.

OFFC 4800 - Selected Topics in Administrative Management (Varies from 1-3 credit hours)
A study of selected topics/problems to student needs under the guidance and supervision of an advisor. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.

Paralegal Studies (PARA)

PARA 1101 - Introduction to Law and Ethics (3-0-3)
This course provides an overview of the legal system and the role of attorneys and paralegals within the system. The course also focuses on critical thinking, communication skills, case analysis, the laws of contracts and torts, and ethical issues confronted by legal professionals. In addition, the course provides an overview of paralegal careers and employment techniques. Students who do not achieve a grade of C or higher (or K) in PARA 1101 must re-take PARA 1101 and achieve a grade of C or higher before a student may continue taking other PARA classes.
Prerequisite(s): Exit or exemption from Learning Support Reading and English.

PARA 2203 - Civil Litigation (3-0-3)
This course focuses on drafting skills and the procedural rules and statutes governing state and federal civil courts. It is designed to take the student through all facets of a

case: the initial client interview, the initiation of a case (or alternative dispute remedies), preparation of pleadings and discovery, motion practice, drafting of settlement and trial documents, and the appellate process.
Prerequisite(s): PARA 1101.

PARA 2205 - Legal Research and Writing (3-0-3)
This course focuses on federal and state legal research utilizing law library books, on-line databases, and the Internet. S tudents will learn citation skills and draft memoranda based on case law and statutes. This course requires extensive out-of-class library time.
Prerequisite(s): PARA 1101.

PARA 2207 - Criminal Litigation (3-0-3)
This course focuses on the criminal justice system and related statutes and constitutional issues. Students learn substantive and procedural rules and become familiar with pleadings filed in criminal court by prosecutors and defense attorneys.
Prerequisite(s): PARA 1101.

PARA 2209 - Business Organizations (3-0-3)
This course focuses on various business entities, including sole proprietorships general partnerships, limited partnerships, limited liability partnerships, limited liability companies and corporations. Students learn the unique characteristics, advantages and disadvantages of each entity. Emphasis is placed on practical considerations, such as the legal documents required during the formation, operation, maintenance, and dissolution stages.
Prerequisite(s): PARA 1101.

PARA 2211 - Computers in the Law (3-0-3)
This course introduces students to computer applications commonly used in a legal environment. Students gain hands-on experience working with software used for litigation and graphic support, case management and docket control, timekeeping and billing, advanced word processing and spreadsheets, trial preparation, eDiscovery and webconferencing.
Prerequisite(s): PARA 1101, PARA 2203, PARA 2205, PARA 2209

PARA 2213 - Real Estate Law (3-0-3)
This course examines real property law concepts, with a focus on the buyer-seller relationship, title examinations and title insurance, and closing procedures. Students prepare a closing statement and draft other documents needed to prepare for a real estate closing.
Prerequisite(s): PARA 1101.

PARA 2221 - Bankruptcy/Debtor-Creditor Relations (3-0-3)
This course teaches students about the documents filed in bankruptcy court by attorneys representing debtors and creditors in Chapter 7, 11 and 13 cases. In addition, the course will discuss collection remedies on judgments obtained in civil court by secured and unsecured creditors.
Prerequisite(s): PARA 1101, PARA 2203, PARA 2205, and PARA 2209.

PARA 2222 - Occupational Internship (1-10-3)
A minimum of 150 hours of on-the-job paralegal or other substantive law-related training in an approved work situation. Students work an average of 10-15 hours each week.
Prerequisite(s): Completion of at least 75% of all Paralegal career courses and program approval.

PARA 2223 - Wills, Trusts and Probate Law (3-0-3)
This course teaches students the terminology and laws applicable to wills and trusts, and how to prepare these documents. Students also learn the procedural rules of Probate Court.
Prerequisite(s): PARA 1101, PARA 2203, PARA 2205, and PARA 2209.

PARA 2225 - Family Law (3-0-3)
This course focuses on marriage, annulment, antenuptial agreements, divorce, and adoption. Students prepare all of the documentation necessary to file a divorce.
Prerequisite(s): PARA 1101, PARA 2203.

PARA 2227 - Health Care Law (3-0-3)
This course teaches students the legal issues involved in the health care industry. Students review and analyze contracts prepared by paralegals and attorneys for hospitals, doctors and Health Maintenance Organizations.
Prerequisite(s): PARA 1101, PARA 2203, PARA 2205, and PARA 2209.

PARA 2229 - Intellectual Property Law (3-0-3)
This course takes a practice-oriented approach to the fields of patent, trademark, and copyright litigation and prosecution.
Prerequisite(s): PARA 1101, PARA 2203, PARA 2205, and PARA 2209.

PARA 2231 - Administrative Law (3-0-3)
This course discusses how attorneys and paralegals interact before administrative agencies. The course includes a discussion of statutory law and administrative rules, in areas such as environmental and Social Security law.
Prerequisite(s): PARA 1101, PARA 2203, PARA 2205, and PARA 2209.

PARA 2233 - Employment Law (3-0-3)
This course teaches federal and state employment law, discrimination and disability statutes, and practical issues and resolutions of these issues before administrative agencies.
Prerequisite(s): PARA 1101, PARA 2203, PARA 2205, and PARA 2209.

PARA 2235 - Law Office Skills (3-0-3)
This course involves the student in practical problem solving and hands-on scenarios that may occur in a law office, such as those regarding ethical issues, written communications, document management, and timekeeping/billing procedures.
Prerequisite(s): PARA 1101, PARA 2203, PARA 2205, and PARA 2209.

PARA 4020 - Advanced Civil Litigation (3-0-3)
This course builds upon the litigation skills acquired in PARA 2203 by allowing students to actively participate in the preparation necessary for trial. The course also emphasizes complex litigation and the role of the paralegal in managing the flow of information and documentation typically found in such cases.
Prerequisites: PARA 2203 and permission of instructor.

PARA 4030 - Advanced Legal Research and Writing (3-0-3)
This course builds upon the legal research and writing skills acquired in PARA 2205. Legal writing and more sophisticated and complex legal documents are emphasized. Students will also gain additional expertise in electronic legal research. This course requires extensive out-of-class library and research time.
Prerequisite(s): PARA 2205 and permission of instructor.

PARA 4098 - Paralegal Practicum (1-10-3)
Practicum will constitute an independent (individual or small group) paralegal internship which will allow student to simultaneously experience the "real-world" application of law and apply legal methodology, research, and analysis to actual law office or law related applications. The student will prepare and submit a significant law related paper and or project. Requires the approval of the Paralegal Students program coordinator and the Office of Experiential Learning.
Prerequisite(s): PARA 4020 and 4030.

PARA 4850 - Paralegal Capstone Course (3-0-3)
This course will provide Paralegal Studies majors with an opportunity to first review the major legal concepts taught in the program. It will then allow students to see how these different legal practices and theories coalesce into a single legal system and in

particular, the role of the paralegal in that system. This course will also serve as excellent preparation for the national paralegal certification exams.
Prerequisite(s): PARA 4020 and 4030.

Philosophy (PHIL)

PHIL 2010 - Introduction to World Philosophy (3-0-3)
An introduction to philosophy through the study of representative texts of major philosophers from Plato to the present, from East and West. Topics addressed include personal identity, the nature of knowledge, the existence of God, happiness, the nature of the external world, the relation of language to the world, meaning, and truth. Critical thinking and communication skills are emphasized. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]
Prerequisite(s): ENGL 1101(C) required; ENGL 1102 recommended.

PHIL 2030 - Ethics in Historical and Contemporary Perspective (3-0-3)
A course which will examine the central questions of moral philosophy through the reading and discussion of representative texts of major philosophers. It will also examine the application of moral reasoning to contemporary ethical issues and problems in fields such as communications, medicine, business, and the environment. Topics addressed include the meaning of “good” and “bad,” right conduct, happiness and well-being, moral character, and justice. Critical thinking and communication skills are emphasized.
Prerequisite(s): ENGL 1102 (C).

PHIL 2040 - Introduction to Aesthetics (3-0-3)
An introduction to the philosophical questions "What do you mean?" and "How do you know?" in the realm of aesthetics, most particularly in the arts. Through readings and discussions of representative philosophical texts and with close attention to aesthetic objects themselves, questions such as the following will be examined: What is artistic expression? What do works of art mean? Is there a general definition of art? What makes a work of art good? Critical thinking and communication skills are emphasized. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]

PHIL 3200 - Ancient Philosophy (3-0-3)
The course studies philosophical literature of the eighth century B.C.E. throughout the third century C.E., including Pre-Socratic thought, Epicureanism, Stoicism, and Skepticism, with special emphasis on Socrates, Plato, and Aristotle. Completion of CRIT 1101 and Area C recommended.
Prerequisite(s): ENGL 1102 (C).

PHIL 3400 - Medieval Philosophy (3-0-3)
The course studies philosophical literature of the third through fourteenth centuries B.C.E., including Porphyry, Boethius, Augustine, Anselm of Canterbury, Peter Abelard, Thomas Aquinas, Henry of Ghent, John Duns Scotus, William of Ockham, and John Buridan. Completion of CRIT 1101 and Area C recommended.
Prerequisite(s): ENGL 1102 (C).

PHIL 3600 - Modern Philosophy (3-0-3)
The course studies philosophical literature of the 16th throughout the 18th centuries, through careful examination of, and critical engagement with, such figures as Hobbes, Descartes, Pascal, Locke, Leibniz, Spinoza, Berkeley, Hume and Kant. Recommend completion of Area C and CRIT 1101.
Prerequisite(s): ENGL 1102 (C).

PHIL 3800 - Contemporary Philosophy (3-0-3)
An examination of works of major thinkers of the 20th century. Philosophers to be studied include Martin Heidegger, Jean-Paul Sartre, and Simone De Beauvoir, from Germany and France, and C.S. Peirce and John Dewey, from the U.S.

Prerequisite(s): ENGL 1102 (C).

PHIL 4200 - Philosophy of Religion (3-0-3)
This course studies world literature on the philosophy of religion. Topics include proofs of God's existence, science and religion, the problem of evil, reason and religion experience, religious pluralism, free will, and life after death. Completion of CRIT 1101 and Area C recommended.
Prerequisite(s): ENGL 1102 (C).

PHIL 4400 - Philosophy of Culture (3-0-3)
A topical or thematic approach to the study of the networks of relationship between philosophical ideas and the social structures in which those ideas arise and are interpreted, considering both historical and contemporary perspectives. C ritical thinking and communication skills are emphasized.
Prerequisite(s): ENGL 1102 (C).

PHIL 4600 - Logic and Philosophy (3-0-3)
The course studies propositional and predicate logic against a backdrop of literature on the philosophy of logic. Recommend completion of Area C.
Prerequisite(s): ENGL 1102 (C) and CRIT 1101.

PHIL 4800 – Special Topics in Philosophy (3-0-3)
An examination of selected topics or philosophical movements, such as Women and Philosophy, Philosophy of Law, Eastern Philosophy, and Existentialism. May be repeated for credit, up to 12 hours, as topics change. Completion of CRIT 1101 and Area C recommended.
Prerequisite(s): ENGL 1102 (C).

PHIL 4900 - Directed Study in Philosophy (3-0-3)
The student, with the advice and p ermission of the directing professor, selects the topic and submits a prospectus for department approval before the semester in which the course is to be taken. May be repeated for up to 12 hours.
Prerequisite(s): Departmental Approval.

Physics (PHYS)

PHYS 1111 - Introductory Physics I (3-0-3)
An introductory course which will include mechanics (kinematics, dynamics, work and energy, momentum and collisions, and rotational motion and statics), and may also include thermodynamics and waves. Elementary algebra and trigonometry will be used.
Prerequisite(s): MATH 1112A with a minimum grade of D, or MATH 1113 or higher.
Corequisite(s): PHYS 1111L.

PHYS 1111L - Introductory Physics Laboratory I (0-2-1)
Laboratory accompanying PHYS 1111.
Corequisite(s): PHYS 1111.

PHYS 1112 - Introductory Physics II (3-0-3)
An introductory course which will include electrostatics, electric current and circuits, and electromagnetism, and may also include optics and modern physics. Elementary algebra and trigonometry will be used.
Prerequisite(s): PHYS 1111/1111L.
Corequisite(s) for selected Life Science majors only: PHYS 1112L.

PHYS 1112L - Introductory Physics Laboratory II (0-2-1)
Laboratory accompanying PHYS 1112. This laboratory is required only for students majoring in the following disciplines: agriculture, applied biology, and physical therapy. Pre-medical students following an applied biology track, and pre-veterinary students are also required to take this laboratory course.
Corequisite(s): PHYS 1112.

PHYS 2211 - Principles of Physics I (3-0-3)
An introductory course which will include mechanics (kinematics, dynamics, work and energy, momentum and collisions, and rotational motion and statics), and may also include thermodynamics and waves. Elementary calculus will be used.
Corequisite(s): PHYS 2211L.
Prerequisite or corequisite: MATH 2502.

PHYS 2211L - Principles of Physics Laboratory I (0-3-1)
Laboratory accompanying PHYS 2211.
Corequisite(s): PHYS 2111.

PHYS 2212 - Principles of Physics II (3-0-3)
An introductory course which will include electrostatics, electric current and circuits, and electromagnetism, and may also include optics and modern physics. Elementary calculus will be used.
Prerequisite(s): PHYS 2211/2211L.
Corequisite(s): PHYS 2212L.

PHYS 2212L - Principles of Physics Laboratory II (0-3-1)
Laboratory accompanying PHYS 2212.
Corequisite(s): PHYS 2212.

PHYS 2454 – Statics (3-0-3)
This is a pre-engineering/applied mathematics course that will cover the following topics: forces, moments, couples, equilibrium, equipollent systems, resultants, distributed forces, equilibrium analysis, free-body diagrams, practical examples, trusses, methods of joint and sections, multi-force members, shear-force and bending-moment diagrams, statics and structural design, coulomb friction, centroids and center-of-mass.
Prerequisite(s): PHYS 2211.

PHYS 3213 - Principles of Physics III - Modern Physics (3-0-3)
A survey of twentieth century physics. Topics include Special theory of Relativity, Planck's theory of radiation, particle/wave duality, Schroedinger equation solutions for simple potentials, and properties of one-electron atom. Applications of quantum principles to multi-electron atoms, molecular, and nuclear structures are also discussed as time permits.

PHYS 3214 - Classical Mechanics (3-0-3)
A review of vectors algebra, Newtonian mechanics, many body systems, motion in central fields, small oscillations, rotation of rigid bodies, Lagrangian equations, and non-inertial reference frames.

PHYS 3223 – On-Campus Internship (3-0-3)
This is an internship program for selected students who will perform supervised work related to physics and/or pedagogy in conjunction with physics faculty at Clayton State University. Students will be assigned a grade for this course based on an evaluation by the faculty supervisor.
Prerequisite(s): PHYS 1112 with a grade of C or higher and PHYS 1112L with a grade of C or higher and consent of the head of the department of Natural Sciences.

PHYS 3224 – Introductory Research (3-0-3)
This course is a supervised introductory research experience with Physics faculty at Clayton State University. Students must articulate clear project goals and objectives. Students will learn to demonstrate use of scientific literature, and document their progress using a research notebook. The project will be summarized in a written research paper and an oral presentation to the department faculty. Students will be assigned a grade for this course based on evaluation by the supervisor and other CSU faculty.
Prerequisite(s): PHYS 1112 with a grade of C or higher and PHYS 1112L with a grade of C or higher and consent of the head of the department of Natural Sciences.

PHYS 3650 - Modern Physics (3-0-3)
An introductory course including material from relativity, quantum mechanics, models of the atom, lasers, solid state physics, nuclear physics and elementary particles. Study is focused on contemporary applications including those to biology and medicine.
Prerequisite(s): PHYS 1112.

PHYS 3650L – Modern Physics Laboratory (0-2-1)
Laboratory accompanying PHYS 3650.
Prerequisite(s): PHYS 3650 (can be taken concurrently)

PHYS 4110 - Conceptual Astronomy (3-0-3)
A one-semester survey course of astronomical methodologies and technologies employed by cultures from ancient through the modern times. Topics in this course will include naked eye astronomy, calendars, cosmogony, cosmology, and the development of the modern scientific technique. This course is only applicable to a major in Middle Level Teacher Education. Other students should consider SCI 1901A, Selected Topics in Science - Astronomy.
Prerequisite(s): SCI 3120.

PHYS 4215 - Electricity and Magnetism I (3-0-3)
A survey of electro and magnetostatics. Topics include Coulomb's Law, Ampere's Law, scalar and vector potentials and Laplace's equation.

PHYS 4216 - Methods of Mathematical Physics (3-0-3)
A survey of the mathematical techniques required for the description of physical systems.

Political Science (POLS)

POLS 1101 - American Government (3-0-3)
An introductory level survey of the American political system in an international context, emphasizing across cultural approach to the study of the structure and processes of policy decision-making. The course incorporates comparison of the American political system and other types of political systems. The course also includes the study of world geography, emphasizing knowledge of the global configuration of nation states.

POLS 2101 - Introduction to Political Science (3-0-3)
An introduction to concepts and methods appropriate to the understanding and analysis of individual and group political behavior and political systems. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]
Prerequisite(s): POLS 1101

POLS 2401 - Introduction to Global Issues (3-0-3)
An examination of current global issues. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]
Prerequisite(s): POLS 1101

POLS 3212 - State and Local Government (3-0-3)
State and Local Government provides an in depth study of the political process and administrative procedures used in American state and local governments to address social, economic, and political issues. Comparative analysis of relevant factors across the states are incorporated into the course.
Prerequisite(s): POLS 1101

POLS 3320 - Public Policy (3-0-3)
Public Policy provides an analysis of selected public policy issues and the interplay of organizations and politics in the policymaking process.
Prerequisite(s): POLS 1101

POLS 3323 - Comparative Politics (3-0-3)
Comparative Politics is an introduction to the comparative approaches for the study of politics, focusing on patterns of development and change in contemporary political systems.
Prerequisite(s): POLS 1101

POLS 3343 - Principles of Public Administration (3-0-3)
Public Administration examines the methods and procedures of governmental administration and the control of public bureaucracies in democratic societies.
Prerequisite(s): POLS 1101

POLS 3350 - International Relations (3-0-3)
International Relations examines the international order, conflict and war, determinants of foreign policy, global actors and the dynamics of political interaction between nation-states.
Prerequisite(s): POLS 1101

POLS 3360 - The U.S. Congress (3-0-3)
The U.S. Congress and the Legislative Process presents an in-depth treatment of the origins, development, operation of the U.S. Senate and House of Representatives.
Prerequisite(s): POLS 1101

POLS 3370 - The U.S. Presidency (3-0-3)
The U.S. Presidency examines the historical development of the presidency, the constitutional powers, the personalities, the roles and the relationship with other governmental entities.
Prerequisite(s): POLS 1101

POLS 3380 - Interest Groups and Political Parties (3-0-3)
Interest Groups and Political Parties examines the nature, structure and functions of interest groups and political parties in differing national cultural contexts with particular attention to electoral activity and their role in the policy making process.
Prerequisite(s): POLS 1101

POLS 3382 - Women and Politics (3-0-3)
Women and Politics examines the social status and political activities of women in America and other societies, exploring the causes, methods, and results of political involvement by women.
Prerequisite(s): POLS 1101

POLS 3385 - Campaigns and Elections (3-0-3)
Campaigns and Elections provides an in-depth look at the process of selecting governmental leaders in the United States. Includes a segment on foreign elections.
Prerequisite(s): POLS 1101

POLS 3386 - Mass Media and Politics (3-0-3)
Mass Media and Politics examines the role of the mass media in society. Emphasis is placed on the media's role in the social, legal and political processes in the United States , as well as other democratic and non-democratic countries.
Prerequisite(s): POLS 1101

POLS 3388 - African American Politics (3-0-3)
An examination of African American political behavior, including the theoretical underpinnings of political action, the electoral preferences of African Americans, and the role of African Americans in United States political institutions.
Prerequisite(s): POLS 1101

POLS 4410 – Politics of the Developing World (3-0-3)
This course provides students with an understanding of the diversity and complexities of the developing world. It will examine the general characteristics and points of contrast of developing countries. The course will also familiarize students with the challenges that these countries face, and acquaint students with the various mechanisms used to measure the levels of progress in developing countries.

POLS 4420 - Political Philosophy (3-0-3)
Political Philosophy is a A survey of the political thought of such great thinks as Machiavelli, Hobbes, Locke, Rousseau, Burke, Hume, Hegel, Mill and Marx emphasizing the aspects of their thought most relevant to the development of Western political institutions.
Prerequisite(s): POLS 1101

POLS 4421 - American Political Thought 1620 to the Present (3-0-3)
American Political Thought 1620 to the Present concentrates on the development and explication of American political ideas and eras from the colonial era to the present.
Prerequisite(s): POLS 1101

POLS 4422 - African American Political Thought (3-0-3)
African American Political Thought examines major African American Political thinkers and activists. Historical and contemporary thinkers will be included.
Prerequisite(s): POLS 1101

POLS 4424 - Judicial Process (3-0-3)
Judicial Process examines courts and judges as agents in the political system; focus is on the judicial decision-making process, with attention to psychological and other variables in that process. Relation of judicial process to legislative, administrative and electoral processes emphasized.
Prerequisite(s): POLS 1101

POLS 4425 - Constitutional Law (3-0-3)
Constitutional Law is the study of the constitutional divisions of power among the branches of the national government and between the national and state governments, and the application and interpretation of constitutional protections by the American courts.
Prerequisite(s): POLS 1101

POLS 4426 - Civil Liberties (3-0-3)
Civil Liberties is an intensive study of the rights of Americans as guaranteed by the Constitution. The changing character of civil liberties problems in the United States will be stressed with attention given to the legal, historical and political context of the cases studied.
Prerequisite(s): POLS 1101

POLS 4427 - Equal Rights in America (3-0-3)
Equal Rights in America provides an in-depth investigation into the major accomplishments and shortfalls of the Civil Rights Movement from 1954-1968. It will also cover current equality issues that arose from and after this movement. These would include: gender, sexual orientation, immigration and economic inequalities.
Prerequisite(s): POLS 1101

POLS 4428 – Jurisprudence (3-0-3)
The study of major topics in the philosophy of law concerning the relationship of law to morality, justice and social structure, the nature of law in general, the importance of the rule of law and limits to the rule of law; relevant legal theory, an examination of fundamental principles in specific areas of law and the application of legal concepts to contemporary American society.

POLS 4430 – International Political Economy (3-0-3)
This course introduces students to the study of international political economy, an interdisciplinary field that examines the interaction between the state and the

economy. Key issues which will be addressed include: the role of states, international and domestic institutions in shaping trade, monetary and fiscal policies, foreign direct investments (FDI), and development.

POLS 4450 - American Foreign Policy (3-0-3)
American Foreign Policy explores the conduct, substantive policy issues and problems associated with American foreign policy. The contemporary aspects and p roblems evolving out of and confronted by American foreign policy.
Prerequisite(s): POLS 1101

POLS 4451 - Politics of Europe (3-0-3)
Politics of Europe is designed to acquaint students with political institutions and processes of individual European nations and regional organizations including NATO and the European Union in the post-Soviet era. Particular emphasis will be placed on analysis of the relations of these countries with the United States on selected issues of contemporary relevance. T his course examines key countries and studies their political structure in detail.
Prerequisite(s): POLS 1101

POLS 4452 - Politics of Asia (3-0-3)
Politics of Asia examines contemporary sociopolitical and economic characteristics needed to understand the many countries of Asia . In addition, a "country profile" approach will also be used. Particular emphasis will be placed on analysis of the relations of these countries with the United States on selected issues of contemporary relevance. This course examines key countries and studies their political structure in detail.
Prerequisite(s): POLS 1101

POLS 4453 - Politics of Africa (3-0-3)
Politics of the Africa examines contemporary sociopolitical and economic characteristics needed to understand the many countries of Africa. In addition, a "country profile" approach will also be used. Particular emphasis will be placed on analysis of the relations of these countries with the United States on selected issues of contemporary relevance. This course examines key countries and studies their political structure in detail.
Prerequisite(s): POLS 1101

POLS 4454 - Politics of the Middle East (3-0-3)
Politics of the Middle East examines contemporary sociopolitical and e conomic characteristics needed to understand regional culture in the many countries of the Middle East/North Africa. The role of Islam, the Gulf War, the quest for development, the Palestine issue, and democracy versus authoritarianism are themes that will be covered in the course. In addition, a "country profile" approach will also be used. Particular emphasis will be placed on analysis of the relations of these countries with the United States on selected issues of contemporary relevance. This course examines key countries and studies their political structure in detail.
Prerequisite(s): POLS 1101

POLS 4455 - Politics of Latin America (3-0-3)
Politics of Latin America is designed to acquaint students with political institutions and processes of nations in the region. Particular emphasis will be placed on analysis of the relations of these countries with the United States on selected issues of contemporary relevance. This course examines key countries and studies their political structure in detail.
Prerequisite(s): POLS 1101

POLS 4490 - Internship/Practicum in Political Science (3-0-3)
Internship/Practicum will constitute an independent (individual or small group) political science project applying social sciences methodology, research and analysis to actual political environments. The student will prepare and submit a significant political science paper and or project. This course may be successfully completed a maximum

of two times for a total of 6 credit hours. Requires the approval of the Political Science Program Coordinator.
Prerequisite(s): POLS 1101

POLS 4491 - Internship/Practicum in Political Science (3-0-3)
Internship/Practicum will constitute an independent (individual or small group) political science project applying social sciences methodology, research and analysis to actual political environments. The student will prepare and submit a significant political science paper and or project. Requires the approval of the Political Science Program Coordinator.
Prerequisite(s): POLS 1101

POLS 4500 - Senior Seminar in Political Science (3-0-3)
Senior Seminar is open only to political science majors in their senior year (i.e. 90+ hours in the program). The seminar will emphasize readings and discussion concerning political topics of broad significance. Students will complete a project requiring the application of social sciences research analysis and interpretation. Requires the approval of the Political Science Program Coordinator.
Prerequisite(s): POLS 1101

POLS 4501 Senior Thesis (3-0-3)
Senior Thesis is the second course in a two course political science program capstone learning experience required of all undergraduate political science majors. Political Science majors will research and compose a written senior thesis on an approved topic under the direction of the POLS 4500 Senior Seminar and POLS 4501 Senior Thesis course instructor/s. Requires the approval of the Political Science Program Coordinator.
Prerequisite(s): POLS 1101 and POLS 4500

POLS 4701 – Study Abroad (3-0-3)
Study Abroad students participating in a University sanctioned program for academic credit may receive academic credit towards their undergraduate degree in political science. Requires the approval of the Office of International Programs Director.
Prerequisite(s): POLS 1101

POLS 4702 – Study Abroad (3-0-3)
Study Abroad students participating in a University sanctioned program for academic credit may receive academic credit towards their undergraduate degree in political science. Requires the approval of the Office of International Programs Director.
Prerequisite(s): POLS 1101

POLS 4703 – Study Abroad (3-0-3)
Study Abroad students participating in a University sanctioned program for academic credit may receive academic credit towards their undergraduate degree in political science. Requires the approval of the Office of International Programs Director.
Prerequisite(s): POLS 1101

POLS 4800 - Selected Topics in Political Science (3-0-3)
Selected Topics in Government course will present significant topics in political science not covered by other courses in the curriculum.
Prerequisite(s): POLS 1101

POLS 4900 - Independent Study in Political Science with Directed Research and Readings (3-0-3)
Independent Study in Political Science may be arranged in consultation with a faculty member and approved by the department head. This course may be successfully completed a maximum of two times for a total of 6 credit hours. Requires the approval of the Political Science Program Coordinator.
Prerequisite(s): POLS 1101

Psychology (PSYC)

PSYC 1101- Introduction to General Psychology (3-0-3)
A broad survey of the major topics in psychology including, but not limited to, research methodology, biological and social factors influencing behavior, development, learning, memory, personality, and abnormal psychology. Applicability of theories and research findings across contemporary cultures is considered. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]

PSYC 2101- Psychology of Adjustment (3-0-3)
An introductory examination of the applied psychological theory and research concerning mental health and well-being. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]
Prerequisite(s): PSYC 1101.

PSYC 2103 - Introduction to Human Development (3-0-3)
An introductory, non-laboratory-based examination of human development across the lifespan with an emphasis on normal patterns of physical, cognitive, and social development. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]

PSYC 2105-Statistics for Psychology (3-0-3)
This course is designed to introduce students to basic statistical methods for the design and analysis of research in psychology. Subject areas include: measurement; organizing and displaying data (e.g. graphs and tables), descriptive statistics (e.g. mean, median, mode, variance, standard deviation), elementary probability, correlation and regression, hypothesis testing, sources of error, power, effect size, and an introduction to analysis of variance and factorial designs.
Prerequisite(s): PSYC 1101, MATH 1101, MATH 1111 or equivalent.

PSYC 3110 - Applied Psychology (3-0-3)
An overview of the application of psychology to practical problems in areas such as mental and physical health, business and industry, and education. Will emphasize application of computer technology as currently used in psychology-based careers.
Prerequisite(s): PSYC 1101.

PSYC 3120 - Introduction to Therapeutic Intervention (3-0-3)
An exploration into the strategies used in therapeutic situations. Approaches from a variety of perspectives such as psychodynamic, cognitive, behavioral, and humanistic will be examined and applied using a variety of strategies including modeling and role playing. Issues related to functioning effectively as a helping professional will also be explored.
Prerequisite(s): PSYC 1101.

PSYC 3130 - Social Psychology (3-0-3)
A survey of the major theories and research findings regarding social influences on human behavior. Areas explored will include attitudes, prejudice, gender roles, altruism, conformity, obedience, attraction, and aggression.
Prerequisite(s): PSYC 1101.

PSYC 3140 - Crisis Intervention (3-0-3)
This course is designed to provide a theoretical and applied foundation for working with people in crisis. Students will examine the dynamics of various situational and developmental crises, consider family and cultural influences on coping, and explore methods for intervening in crisis situations.
Prerequisite(s): PSYC 1101.

PSYC 3150-Group Dynamics (3-0-3)
This course will provide students with a foundation in the principles of group dynamics, with an emphasis on small-group dynamics. Research in the field of group dynamics will be discussed, and well-established principles of group functioning, such as group formation, conflict, and impression management, will be addressed. Application of these principles to the functioning of small groups in psychology and human services-related settings will also be addressed.
Prerequisite(s): PSYC 1101 and PSYC 2103.

PSYC 3160 - Educational Psychology (3-0-3)
Educational psychology is the study of the psychology of learning and how development and differences among individuals influence learning.
Prerequisite(s): PSYC 1101

PSYC 3170 - Psychology of the African American Experience (3-0-3)
This course will explore the experiences of people of African descent in America. It will examine their cultural and historical influences and will consider the core values, beliefs and behaviors found among African Americans.
Prerequisite(s): PSYC 1101

PSYC 3180 - Cross-Cultural Psychology (3-0-3)
This course includes studies of multicultural trends including characteristics and concerns of diverse groups; attitudes and behavior based on factors as age, gender, race, social class, sexual orientation, ethnicity and culture, etc. This course is meant to encourage students to reflect on the effect of culture on their own behavior, cognitions, and affect.
Prerequisite(s): PSYC 1101

PSYC 3210 - Abnormal Child Psychology (3-0-3)
Abnormal Child Psychology provides an introduction to the historical and contemporary perspectives, etiologies, research, and treatment modalities for atypical child development. By the end of the course, students should have a better understanding of the 1.) evolution of theories regarding atypical child development 2.) distinction between abnormal development and normal developmental deviance 3.) putative etiologies of childhood disorders 4.) symptoms of disorders commonly diagnosed during childhood and 5.) empirically-supported interventions to ameliorate maladjustment in children.
Prerequisite(s): PSYC 1101 and PSYC 2103.

PSYC 3300 - Ethics in Professional Issues (3-0-3)
This course is to stimulate students to think about major issues related to professional practice in human services and to challenge students to formulate positions on these issues. Students will become familiar with the various ethics codes and develop an ability to apply these codes to a variety of specific problem situations. The course also examines ethical and legal standards, risk management, professional credentialing, and standards for the helping profession.
Prerequisite(s): PSYC 1101.

PSYC 3350 - Abnormal Psychology (3-0-3)
A study of the scientific and cultural bases of various conceptions of undesirable behavior. Applications of principles derived from basic research will be emphasized.
Prerequisite(s): PSYC 1101.

PSYC 3510 - Psychological Testing and Measurement (2-2-3)
An overview of psychological evaluation with emphasis on uses of personality, ability, and achievement tests including basic descriptive statistics, item development, and critical issues in the field of testing.
Prerequisite(s): PSYC 1101 and MATH 1231 or PSYC 2105.

PSYC 3520 - Theories of Personality (3-0-3)
An introduction to the major theories of personality, including the psychoanalytic, humanistic, and trait approaches.

Prerequisite(s): PSYC 1101 and PSYC 2103.

PSYC 3530 - Health Psychology (3-0-3)
An examination of the psychological factors affecting wellness, including emotional, cognitive, social, and behavioral aspects. Biopsychological mechanisms underlying illness and methods for improving health will be included.
Prerequisite(s): PSYC 1101.

PSYC 3560-Research Methods in Psychology (3-0-3)
This course provides students with an introduction to research design and methods in psychology. Topics include learning to review the primary literature; developing a research idea and the development, execution, and interpretation of findings from common research designs; basic analysis of research results; and the basics of an effective written presentation of project and results. Upon completion of this course, students will have a solid foundation in the methods used to study psychological functioning.
Prerequisite(s): PSYC 1101, PSYC 2103, and MATH 1231 OR PSYC 2105.

PSYC 3800 - Selected Topics in Psychology (3-0-3)
An exploration of various topics and issues in the fields of psychology & human services. May be repeated for credit up to two times, when topic varies
Prerequisite(s): PSYC 1101

PSYC 4110 - The Psychology of Gender (3-0-3)
A study of the social construct of "gender" and its impact on individuals and societies; its interactions with biological aspects and determinants of sex; its variations across cultures; and various aspects of human sexual behavior, including their relationship to conceptualizations of gender.
Prerequisite(s): PSYC 1101 and PSYC 2103.

PSYC 4120 - Physiological Psychology (3-0-3)
An introduction to the complex interrelationships between biological and mental processes with a particular emphasis on the impact of physiology (e.g., nervous and endocrine systems) on behavior. It is recommended that students complete at least one college-level biology course prior to taking this course.
Prerequisite(s): PSYC 1101 and BIOL 1111 or 1107.

PSYC 4130 - Introduction to Cognitive Psychology (3-0-3)
An examination of the major theories and research findings in areas of human cognition such as information processing and problem-solving.
Prerequisite(s): PSYC 1101.

PSYC 4160-Death and Dying (3-0-3)
This course is a senior-level seminar providing students with an examination of the psychological foundations and correlates of attitudes toward death, death anxiety and grief; cross-cultural perspectives; death education; stages of children's' awareness; coping with grief and fears; legal issues surrounding death; and attitudes towards the afterlife. The course maintains a focus on death and dying issues in the dynamic context of life and living.
Prerequisite(s): PSYC 1101 and PSYC 2103.

PSYC 4170-Advanced Theories: Psychoanalytic and Existential (3-0-3)
This course provides students with a thorough examination of two important theories that have been influential both in understanding personality development and in the practice of psychotherapy: psychoanalytic and existential theories. Both theories will be studied in depth and the student will read primary sources for some of the major theorists, including Freud and Yalom.
Prerequisite(s): PSYC 1101, PSYC 2103, and *either* PSYC 3120 *or* PSYC 3520.

PSYC 4190 - Adolescent Psychology (3-0-3)
The purpose of this course is to provide the student with an introduction to characteristics and theories of adolescent development. The course will cover

theoretical foundations and transitions of adolescence. This class also examines contexts that affect adolescent development, such as peers and the family. The final portion of the class will examines problems (e.g., depression and suicide, substance abuse, and delinquency) and opportunities (e.g., career development) encountered by adolescents.PSYC
Prerequisite(s): PSYC 1101 and PSYC 2103.

PSYC 4490 - Internship/Practicum in Psychology (0-V-3)
A directed and supervised internship or practicum. Students select an appropriate site, arrange an internship, prepare a learning agreement, work 150 hours (minimum) on-site, and prepare a log and presentation for fellow internship students. Requires permission of program coordinator and Director of Experiential Learning.
Prerequisite(s): PSYC 1101, PSYC 3110, and senior status.

PSYC 4500 - Senior Seminar and Internship/Practicum in Psychology II (0-V-3)
An optional second internship or practicum experience. Students select an appropriate site, arrange an internship, prepare a learning agreement, work 150 hours (minimum) on-site, produce a project for the site, and prepare a log and presentation for their fellow internship students.
Prerequisite(s): PSYC 1101, PSYC 3110, PSYC 4490 or HMSV 4490, and senior status.

PSYC 4540 - Introduction to Learning and Behavior (3-0-3)
An introductory examination of the major theories of learning with an emphasis on the application of these theories to the modification of complex human behavior. Ethical issues associated with the use of behavior change strategies will be a focus.
Prerequisite(s): PSYC 1101 and PSYC 3560.

PSYC 4560 – Infancy (3-0-3)
This course will introduce students to the current theroies and research about infant development. Topics include theories and methods of developmental psychology and cognitive, social-emotional, and biological during infancy. The course will end with an evaluation of social policies that impact infants and their parents.
Prerequisite(s): PSYC 1101, PSYC 2103, and PSYC 3560.

PSYC 4590 - Research Applications in Psych (3-0-3)
Designed to further student knowledge of the uses of research methodologies in psychology, topics for this course include research question design, literature review preparation, and research design selection, among others. The course will also require the application of course content to the design of a research project.
Prerequisites: PSYC 1101, PSYC 3560, and either PSYC 2105 OR MATH 1231.

PSYC 4600 - Applied Research Practicum II (3-0-3)
A student-driven research course that incorporates a “lab” component designed to provide an opportunity for students who would like to scientifically investigate specific questions in Psychology and gain research experience. Students enrolled in the course will spend the semester primarily focused on data collection, analysis, and writing and presenting their final research project. Course goals are as follows: (1) exploration and application of research methodology to topics exposed to in previous courses; (2) application of information learned in previous courses; (3) providing and encouraging faculty/student mentorship opportunities; (4) obtaining experience in addressing specific issues in Psychology that may lead to career advancement.
Prerequisite(s): PSYC 4590

PSYC 4800 - Advanced Selected Topics in Psychology (3-0-3)
An exploration of various topics and issues in the fields of psychology and human services. May be repeated up to two times for credit when topic varies.
Prerequisite(s): PSYC 1101.

PSYC 4900 - Directed Readings in Psychology (3-0-3)
An in-depth examination of an area of student interest outside the usual focus of the psychology curriculum closely directed by a faculty member.
Prerequisite(s): PSYC 1101 and approval of department head.

PSYC 4999A - Senior Evaluation
This course is designed to provide formal assistance for senior students as they prepare for employment and/or graduate school application and to provide data of use in assessing the Psychology & Human Services curriculum. Students are required to attend four class meetings that include the following components: seminars on job search strategies and application for graduate/professional school; completion of surveys assessing the quality of the psychology degree program; a standardized subject test in psychology to assess student's knowledge in comparison to national norms; a senior exit interview.
Approval of the Department Head is required for registration.

PSYC 4999B - Senior Evaluation
This course is designed to provide formal assistance for senior students as they prepare for employment and/or graduate school application and to provide data of use in assessing the Psychology & Human Services curriculum. Students are required to attend four class meetings that include the following components: seminars on job search strategies and application for graduate/professional school; completion of surveys assessing the quality of the psychology degree program; a standardized subject test in psychology to assess student's knowledge in comparison to national norms; a senior exit interview.
Approval of the Department Head is required for registration.

Reading (READ)

READ 0099 - Reading Skills (3-0-3)
See the Learning Support course listings.

Science (SCI)

SCI 1111 - Integrated Science I (3-0-3)
Integrated Science I provides an introduction to the scientific method and its application to historic experiments. This course includes instruction in the scientific method, the Earth's place in the Universe, the elementary nature of matter, fluids, the laws of thermodynamics, and electricity and magnetism.
Prerequisite(s): Exemption or exit from MATH 0099.
Corequisite(s): SCI 1111L.

SCI 1111L - Integrated Science Laboratory (0-2-1)
Laboratory accompanying SCI 1111.
Corequisite(s): SCI 1111.

SCI 1112 - Integrated Science II (3-0-3)
Integrated Science II applies the physical science topics introduced in Integrated Science I to life and environmental sciences. This course includes instruction in matter and energy resources, population dynamics, global problems, pollution, economics and the environment, and basic ecology.
Prerequisite(s): SCI 1111/1111L.

SCI 1901 - Selected Topics in Science (3-0-3)
A group of courses which examines a variety of topics in science disciplines presented at an introductory level. Descriptions of individual courses within the group are provided below.

SCI 1901A - Selected Topics in Science-Astronomy (3-0-3)
Provides an introduction to the Earth's place in the Universe. Topics include the origin of the Solar System, planets inside and outside of the Solar System, the life and death of stars, and the Big Bang. Students will also study the tools of astronomy and how they have shaped its progress. Topics will be covered from a historical as well as a contemporary point of view.

SCI 1901B - Selected Topics in Science-Plants and Society (3-0-3)
Emphasizes plants in everyday life. Topics include the basic structure and function of plants, identification of common plants, plant ecology, economic botany, backyard botany, medical plants and poisonous plants.

SCI 1901C - Selected Topics in Science-Extraordinary Chemistry (3-0-3)
Presents chemical science in a way that reflects both the excitement and concerns with the rapidly changing uses and needs of chemicals in the world. Topics include everyday chemicals to which we are exposed, the food we eat, ozone pollution, mind-altering drugs, batteries, and buckministerfullerenes. Emphasis will be placed on the development of skills that allow the student to affect policies that govern the access and use of chemicals in the future for the benefit of everyone.

SCI 1901D - Selected Topics in Science-Health and Disease (3-0-3)
A survey of the biology of diseases that currently impact society, including proposed prevention and cure. Examples include cardiovascular disorders, infectious diseases, cancer, and diabetes.

SCI 1901E - Selected Topics in Science-Energy (3-0-3)
Emphasizes topics involving energy and its transfer to the understanding of biological and physical systems by examining a variety of aspects of energy resources, including the principles involved, and the environmental and economic consequences of energy production and use.

SCI 1901F - Selected Topics in Science-Forensic Science (3-0-3)
Provides an introduction to the science of forensics. Topics will include various scientific principles and techniques used in solving crimes. Case studies will be presented.

SCI 1901G - Selected Topics in Science-Sex and Gender (3-0-3)
An interdisciplinary survey of human reproduction and gender development. Physiological, psychological, and cultural aspects of human sexuality will be addressed. Topics include female and male specific health problems, sexual development, the genetics and evolution of sexuality, and current research in reproductive medicine and gender.

SCI 1901H - Selected Topics in Science-Human Genetics (3-0-3)
A study of human genetics examining major breakthroughs and current issues in human heredity. The course will include the science of genetics, and the societal implications of topics such as the human genome project, DNA fingerprinting, genetics and intelligence, and genetic engineering.

SCI 2222 - Internship and/or Cooperative Education I (credit varies)
Internship program for selected students who perform science-based work in conjunction with faculty or off-campus professionals. Credit hours are determined by an agreement between faculty sponsor and internship supervisor (if appropriate).
Prerequisite(s): Completion of a science sequence from Area D of the Core Curriculum and consent of the Head of the Department of Natural Sciences.

SCI 3110 - Physical Science I (2-0-2)
A one-semester, activity based course that incorporates methods, content, central themes and technology for teaching physical science in the middle grades. The topics addressed include: energy and heat; science, society, and technology; machines and force; and matter. *This course is open only to Middle Level Teacher Education Students.*

Prerequisite(s): Completion of Area D of the Core Curriculum.
Corequisite(s): SCI 3110L.

SCI 3110L - Physical Science Laboratory (0-2-1)
Laboratory accompanying SCI 3110. Laboratory includes both physical science and pedagogy.
Corequisite(s): SCI 3110.

SCI 3110S - Physical Science (3-0-3)
An activity-based course that incorporates methods, content, central themes, and technology for teaching physical science in the middle grades. Topics addressed include chemistry, kinematics, dynamics, gravity, heat, wave motion, optics, and electricity and magnetism. The course includes laboratory experiences. This course is open only to in-service Georgia teachers.

SCI 3120 - Physical Science II (3-1-3)
A one-semester, activity based course that incorporates methods, content, central themes and technology for teaching optics, atomic physics, nuclear physics, inorganic chemistry, and organic chemistry in the middle grades. Includes laboratory. *This course is open only to Middle Level Teacher Education students.*
Prerequisite(s): SCI 3110 and 3110L.

SCI 3120S - Earth Science (3-0-3)
An activity-based course that incorporates methods, content, central themes, and technology for teaching earth science in the middle grades. Topics addressed include hydrology, meteorology, atomic theory, geology, solar system and stellar astronomy, cosmology, and the space program. The course includes laboratory experiences. This course is open only to in-service Georgia teachers.

SCI 3130-Integrated Science-Life Science (3-1-3)
A one-semester activity based course that incorporates content, central themes and technology for teaching life science in the middle grades. The topics addressed include: cells, tissues, animal behavior, classification, plant and animal systems, genetics, evolution, and ecology. This course is open only to Middle Level Teacher Education students.
Prerequisite(s): SCI 3110 with a grade of C or higher.

SCI 3140 - Physical Science III (3-0-3)
This course will examine Earth science and space science concepts encountered in the middle-grades curriculum. Topics will include Earth materials, geological structures and dynamics, hydrology, meteorology, planetary and stellar astronomy, and space exploration. *This course is open only to Middle Level Teacher Education students.*
Prerequisite(s): SCI 3120.

SCI 3222 - Off-campus Internship (credit varies)
Internship Program for selected students who perform scientific work in conjunction with off-campus professionals. Credit hours are determined by an agreement between faculty sponsor and internship supervisor (if appropriate).
Prerequisite(s): Completion of Area D of the Core Curriculum, consent of the Head of the Department of Natural Sciences, and Junior or Senior status.

Social Science (SOSC)

SOSC 3110 - Themes in World Geography (3-1-3)
Provides students with a comprehensive spatial view of the world and with the basic analytical and conceptual skills required to study the diverse regions of the world. The course focuses on the instructional themes of location, place, human/environment interaction, movement, and regions. It includes knowledge of geography tools, core content, analytical concepts and skills. Includes laboratory/practicum component.

Required for all middle level teacher education students with a major or minor concentration in social studies.

SOSC 4501 - Research Methods in the Social Sciences (3-0-3)
Provides students with the basic research and analytical skills for the comparative study and evaluation of social issues and human behavior. This is a required course for all middle level teacher education students with a major or minor concentration in social studies. An elective option for all students in baccalaureate programs.

SOSC 4800 - Selected Topics in Social Sciences (3-0-3)
Seminar in contemporary social issues. May be repeated for credit when topics vary.

SOSC 4900 - Independent Study (3-0-3)
Independent study in social sciences (credit varies).
Prerequisite(s): Permission of Social Sciences Department Head.

Sociology (SOCI)

SOCI 1101 - Introduction to Sociology (3-0-3)
A survey of the discipline of sociology. Topics will include sociological theory, methods, and selected substantive areas. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]

SOCI 2293 - Introduction to Marriage & the Family (3-0-3)
An introduction to the structure, processes, problems, and adjustments of contemporary marriage and family life. The course includes historical development, cross-cultural variations, and analysis of forces of change. It is recommended but not required that SOCI 1101 be taken prior to SOCI 2293. [Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.]

SOCI 2420 - Social Problems (3-0-3)
An in-depth study of major social problems, including population, hunger, drug use, science and technology, and poverty.

SOCI 3010 - Sociology Theory (3-0-3)
A comparative study and critique of social thought and sociological theories. Special study is made of major sociological theories of the 19th and 20th centuries and the role of theory in empirical social science.
Prerequisite(s): SOCI 1101.

SOCI 3130 - Drugs and Society (3-0-3)
This comprehensive course explores alcohol and illegal drug use and abuse in society. The primary goal of the course is to engage students in a process of critical thinking about the topic of drugs in American society. Included will be a historic overview, the role of culture in the use of drugs, legal and social implications of illegal drug use.
Prerequisite: SOCI 1101.

SOCI 3150 – Sports Sociology (3-0-3)
This course explores the deeper meanings and social significance of sports in the United States and globally. Particular attention to the relationship between sports and issues of race, gender, class, history, social mobility, education, and politics.
Prerequisite: SOCI 1101

SOCI 3310 - Race and Ethnicity (3-0-3)
Provides students with the basic conceptual and analytical skills for studying the nature and implications of racial and cultural diversity. Racial/ethnic groups selected from around the globe are examined in terms of their histories and cultures. The

complexity of functioning in the multicultural society of the contemporary United States is explored, and cultural concepts are applied to key social issues associated with diversity.
Prerequisite(s): SOCI 1101.

SOCI 3320 - Social Inequality and Stratification (3-0-3)
This course investigates the nature of inequality and stratification, including its forms, causes, and consequences. Literature will be examined from a number of perspectives, including economic inequality, racial inequality, sex and gender inequality, status inequality, and the inequality connected with social movements. A number of field research components are included to aid in the study of structural inequality from an experiential basis.
Prerequisite(s): SOCI 1101.

SOCI 3333 – Deviance (3-0-3)
This course explores the nature of social deviance at the individual, group, and organizational levels. Students will analyze definitions of deviance, causes of deviance, and societal reaction to deviance.
Prerequisite: SOCI 1101

SOCI 3410 - Sociology of Religion (3-0-3)
A study of the nature of religion, including the individual, societal and cultural dimensions of religion, the role of religion in social change, the status of religion in contemporary society.
Prerequisite: SOCI 1101.

SOCI 3430 – Media and Society (3-0-3)
This course offers a sociological analysis of historical and contemporary media. Students consider the influence of film, television, and other media as part of the process through which people develop an aw areness of social norms and values. Particular emphasis will be placed on the relationship between media and issues of race, class, gender, and sexuality.
Prerequisite: SOCI 1101

SOCI 3450 – Urban Sociology (3-0-3)
This course is designed to increase students understanding of the history, social relations, problems, and conflicts of the city. Through classical and theoretical readings, historical ethnographies, and current case studies, students will gain an in-depth understanding of how and why cities exist, how they have developed, and what impacts they have on individuals and their social relationships.
Prerequisite: SOCI 1101

SOCI 3510 - Social Statistics (3-0-3)
Introduction to statistics, including measures of central tendency and dispersion, probability, statistical inference and hypothesis testing, regression and correlation, and analysis of variance.
Prerequisite(s): SOCI 1101.

SOCI 3610 - Juvenile Delinquency (3-0-3)
This course will examine the most current theories on the causes and correlates of juvenile delinquency. The course will examine important individual, sociological, and developmental views of delinquency. Emphasis will be placed on the current research studies and policy issues concerning the field of juvenile delinquency.
Prerequisite(s): SOCI 1101.

SOCI 3650 – Social Movements, Social Protests, and Collective Behavior (3-0-3)
This course examines theoretical, historical, and empirical studies of social movements in recent history. Particular attention will be paid to U.S. social movements, which include but are not limited to: the civil rights and other racial/ethnic movements of the 60s/70s, the feminist and women's rights movement, the gay and lesbian rights movement, the student rights movement, the child labor rights

movement, the environmental and animal rights movement, the peace movement, and the Chicano rights movement.
Prerequisite: SOCI 1101

SOCI 3700 – Culture and Society (3-0-3)
This course explores the culture and social structures of select countries through a study abroad experience. The particular themes will vary depending on the destination country, but will commonly include topics related to the social institutions of religion, family, politics, education, the economy, and issues related to race, ethnicity, gender, and class. Each topic will be explored through a combination of lectures, tours, readings, community service-learning, and other experiential learning activities.

SOCI 4153 – Sociology of Aging (3-0-3)
This course is designed to explore the relationship of human aging, individual processes and American society. Though focusing on the sociological aspects of aging, this course also provides an interdisciplinary understanding of aging as a powerful process that reflects the growth and development that takes place later in life and the impact on society that increasingly includes adult populations that are living longer.
Prerequisite: SOCI 1101

SOCI 4501 - Research Methods (3-0-3)
This course is designed to introduce the assumptions, theories, and practices of qualitative research methods. The course places emphasis on developing specific qualitative research skills, including the application of theories, issues and problems encountered in doing qualitative research.
Prerequisite(s): SOCI 1101.

SOCI 4800 - Selected Topics in Sociology (3-0-3)
An exploration of contemporary topics and issues in the field of sociology. This course may be repeated for credit when the topic varies.
Prerequisite: SOCI 1101

SOCI 4901 - Sociology Practicum (3-0-3)
The practicum will constitute an independent (individual or small group) sociological research project. The student will prepare and submit a significant sociological paper and/or project. Requires the approval of the sociology experiential learning coordinator and the department head.
Prerequisite(s): Completion of the Upper-Division Sociology Core.

Spanish (SPAN)

SPAN 1001 - Elementary Spanish I (3-0-3)
Introduction to listening, speaking, reading and writing in Spanish and to the culture of Spanish-speaking regions. Open to native speakers of Spanish only by permission of the Department of Humanities.

SPAN 1002 - Elementary Spanish II (3-0-3)
Continued listening, speaking, reading and writing in Spanish with further study of the culture of Spanish-speaking regions. Open to native speakers of Spanish only by permission of the Department of Humanities.
Prerequisite(s): SPAN 1001 or two years of high school Spanish.

SPAN 2001 - Intermediate Spanish I (3-0-3)
Grammar review and continued development of the student's reading, conversation, and composition skills with readings from literary sources in Spanish. Open to native speakers of Spanish only by permission of the Department of Humanities.
Prerequisite(s): SPAN 1002 or SPAN 1999 or permission of the Department of Humanities.

SPAN 2002 - Intermediate Spanish II (3-0-3)
Grammar review and continued development of the student's reading, conversation and composition skills, with readings of a more difficult nature than those previously encountered by the student. Open to native speakers of Spanish only by permission of the Department of Humanities.
Prerequisite(s): SPAN 2001 or permission of the Department of Humanities.

SPAN 3131 - Advanced Grammar & Composition (3-0-3)
This course will improve the student's command of the Spanish language through an advanced study of grammar, syntax, and vocabulary via the consideration of a variety of texts and styles, with refinement of writing skills through the composition of multiple drafts of essays ranging in subject and length from a descriptive paragraph to a literary research paper. Conducted in Spanish.
Prerequisite: Spanish 2002 with a minimum grade of C, or by permission of the instructor.

SPAN 3529 - Spanish for Medical Professionals (3-0-3)
This course is designed to provide a working knowledge of Spanish for personnel in the healthcare industry by reviewing basic Spanish grammatical structures, emphasizing medical terminology (semi-technical vocabulary and idiomatic expressions used by patients and doctors), and anatomy. The acquisition and comprehension of medical terminology will enable students to communicate with patients and co-workers at a basic level. Conducted in Spanish.
Prerequisite: Spanish 2002 with a minimum grade of C, or by permission of the instructor.

SPAN 3530 - Spanish for Business Professionals (3-0-3)
This course is an introduction to the vocabulary and business practices of the Hispanic world. This course is designed to give students a solid foundation in the cultural concepts that inform the business world in Spanish-speaking societies. Conducted in Spanish.
Prerequisite: Spanish 2002 with a minimum grade of C, or by permission of the instructor.

SPAN 4231 - Introduction to Spanish-American Literature (3-0-3)
The course will introduce students to significant trends in Spanish American literature from colonial times to the present and will acquaint students with the major social, historical, and literary influences on the development of that literature, with an emphasis on teaching students to read critically and develop their analytical writing ability. Conducted in Spanish.
Prerequisite: Spanish 2002 with a minimum grade of C, or by permission of the instructor.

SPAN 4234 - Introduction to Contemporary Spanish Literature (3-0-3)
This course will introduce students to selected, thematic readings of the literature of Spain from the 17th century and afterwards, in its social, historical, and linguistic context, with an emphasis in teaching students to read critically and develop their analytical writing ability. Conducted in Spanish.
Prerequisite: Spanish 2002 with a minimum grade of C, or by permission of the instructor.

SPAN 4334 - Contemporary Spanish Culture & Civilization (3-0-3)
This course will study the development and construction of Spanish culture and civilization from pre-Roman times to the present, focusing on history, geography, art, literature, and other cultural manifestations. Conducted in Spanish.
Prerequisite: Spanish 2002 with a minimum grade of C, or by permission of the instructor.

SPAN 4335 - Latin American Culture & Civilization (3-0-3)
This course will introduce students to the diverse cultures of Spanish America from their inception in the Conquista to the present in a study of the political, social and

artistic components that contributed to the unique cultural development of Spanish America. Conducted in Spanish
Prerequisite: Spanish 2002 with a minimum grade of C, or by permission of the instructor.

SPAN 3999-4999 Study-Abroad (up to 9 hours).
An intensive study of Spanish language and culture in the native environment. Designed for students who participate in University System-approved programs, in-house study-abroad programs, or in any other comparable program for which approval has been given prior to the study abroad.
Prerequisite: Spanish 2002 with a minimum grade of C, or by permission of the instructor.

SPAN 4800-Special Topics in Spanish (3-0-3)
This course studies particular topics or themes in Spanish language, literature, culture or civilization not covered in other upper-division Spanish classes. May be repeated for credit when topic varies. Conducted in Spanish.
Prerequisite: Spanish 2002 with a minimum grade of C, or by permission of the instructor.

Supply Chain Management (SCML)

SCML 3105 - Introduction to Transportation and Logistics (3-0-3)
The goal of this course is for students to understand the basic modes of transportation, the economic fundamentals underlying each, and ways in which today's supply chain manager can use them to achieve improved efficiency and effectiveness in the logistics processes and improved value for consumers. Prerequisite: ECON 2106 (C).

SCML 3106 - Principles of Supply Chain Management (3-0-3)
This course covers basic principles of supply chain management and provides techniques used to analyze various aspects of logistics systems. Key concepts such as transportation, warehousing, inventory management, facility location and use of third-part logistics providers are examined.
Prerequisites: MKTG 3101 (C) and MGMT 3101 (C).

SCML 3580 - Operations and Warehouse Management (3-0-3)
The goal of this course is to present a broad and practical introduction to the field of operations management in a realistic and practical manner and to understand how warehousing and operational decisions impact the performance of a company and add value to a firm's entire supply chain.
Prerequisites: SCML 3105 (C) or SCML 3106 (C).

SCML 4105: Global Sourcing in Supply Chain Management (3-0-3)
This course covers the roles and activities of strategic sourcing and operational purchasing, US Customs requirements, and importation practices and documentation. Students will complete a project in global sourcing.
Prerequisites: MKTG 3105 (C) and MGMT 3106 (C).

SCML 4170 Financial Issues in Supply Chain Management (3-0-3)
This course covers the general structure and use of business financial models, reviews approaches to logistical and supply chain financial analysis and describes the roles and relationships of internal business functions in creating profit. The course examines key industry initiatives that are driving improved financial performance across supply chains.
Prerequisites: Senior Standing, SCML 3580 (C) and SCML 4105 (C).

SCML 4260 – Freight Management and Costing (3-0-3)
This course will focus on modes of transportation that make-up the intermodal transportation network. Students will study and learn the different strategies used by

these modes along with the different costing/pricing methodologies used by each to generate revenue.
Prerequisite: SCML 3105 (C) or SCML 3106 (C).

SCML 4750 – Performance Measurement in Supply Chain Management (3-0-3)
This course covers planning and control systems used by organizations in supply chain management. V arious approaches related to performance measurement for activities, functions and processes will be examined.
Prerequisites: Senior Standing, SCML 3580 (C) and SCML 4105 (C).

Technology (TECH)

TECH 1102 - Impact of Technology (3-0-3)
This course traces the development of technology from the beginning of time to the present and beyond. The students will develop the analytical and problem-solving skills to be able to envision the past with or without a certain technological happening. They will also be able to make sound predictions about the future with the knowledge and skills acquired. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.

TECH 2333 - Special Topics/Problems in Technology (varies from 1-3 credit hours)
A study of selected topics or problems under the guidance and supervision of a faculty member. R equires approval of dean or department head. T his course can be repeated for credit. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.

TECH 3101 - Supervision for the Workplace (3-0-3)
Supervision has become a complex undertaking because of a growing body of law relating to employee rights, safety, and health; a national trend toward more conflict and tolerance in the work place; the persistent problems associated with substance abuse; and the demands from the public for ethical business practices. This survey course will provide knowledge and skills needed for managers, team leaders, coaches, and administrators to be successful supervisors. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.

TECH 3102 - Quality Issues in Technology (3-0-3)
This course provides a background of production and performance quality management for technology managers. Selected topics of production, operation and quality management, team building, work simplification, statistical control, work measurement, and others are included in this course. This course is not open to BBA students and will not count toward a BBA. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.
Prerequisite: TECH 3113 (C)

TECH 3104 - Ethics for Administrative and Technology Managers (3-0-3)
This course will use case studies in which ethical decisions were made. Each case will be examined from the point of view of each stakeholder (ex. consumers, employees, and members of society). Ethical conduct will be defined and discussed so that students will be conscious of the complexities of the concept of ethics, the consequences of making decisions, and the importance of ethics in business and society. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.
Prerequisite: CRIT 1101 (C) and (MGMT 3101 or TECH 3101).

TECH 3111 - Applied Economics (3-0-3)
This course is a study of commerce and economics and their impact on society, technology, and business. This course will cover basic commerce and economics terminology and concepts important to managers. This course is not open to BBA

students and will not count toward a BBA. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.
Prerequisite: Math 1101 or higher; Junior Status (This course will also serve as a prerequisite for Mgmt 3101)

TECH 3112 - Applied Accounting (3-0-3)
This course is a survey of basic financial and managerial accounting for skilled workers and technicians moving into managerial roles. It covers theory, concepts, terminology, and generally accepted accounting principles. Emphasis is on preparing and interpreting accounting information for business decisions. This course is not open to BBA students and will not count toward a BBA. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.
Prerequisite: Junior Status

TECH 3113 - Survey of Statistical Methods in Technology (3-0-3)
This is an investigation of management decision making and the role that research plays in this process. This course uses a hands-on computer approach to teach the values of data in technology and managerial decisions. This course is not open to BBA students and will not count toward a BBA. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.
Prerequisite: MATH 1101 or higher.

TECH 3115 - Legal Issues for Administrative and Technology Managers (3-0-3)
Managers are called on daily to make decisions that have legal implications. Some of the topics that this survey course will cover are basic legal concepts, legal implications of contracts, ethics, partnerships, corporations, employment law, legal rights and liabilities in the business environment. This course is not open to BBA students and will not count toward a BBA. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.
Prerequisite: Junior Status

TECH 3160 - Technology Entrepreneurship (3-0-3)
This is a course focusing on the fundamentals of entrepreneurship and technology for both technical and applied business-minded students from all majors. This course explores the key theoretical and empirical perspectives on entrepreneurship relevant to the current global technology world. This course also provides students with the tools necessary to create and grow a successful, innovative technology enterprise. Topics covered include discovering and analyzing new opportunities, preparing strategies of engagement and organizational implementation within an evolving technological environment.

TECH 4115 - Global Technology (3-0-3)
This course examines the impact of globalization in a technological environment. Using a systems approach, students will consider the challenges and opportunities that globalization creates and will explore how international forces shape decisions of organizations operating domestically and trans-nationally.

TECH 3900 - Professional Organizational Communications (3-0-3)
Includes oral, written, and interpersonal communications and the impact of each in a professional environment. Students will also learn strategies of managing conflicts in organizations by using effective communication techniques. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.
Prerequisite(s): ENGL 1102 and OFFC 2205.

TECH 4098 - Internship (1-10-3)
Students secure employment in supervised and approved work situations to further management and occupational skills. A minimum of 150 hours of work experience related to Technology Management is required. Requires advisor approval. A grade

of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.
Prerequisite(s): MGMT 3101 and TECH 3104 or MGMT 3101 and TECH 3110.

TECH 4101 - Human Resources for Administrative and Technology Managers (3-0-3)
This course covers principles and practices of human resource management. This course contains topics such as recruiting, hiring, evaluating, training and developing employees with legal implications for each of these areas. This course is not open to BBA students and will not count toward a BBA. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.
Prerequisite: MGMT 3101 or TECH 3101.

TECH 4111 - Leadership for Administrative and Technology Managers (3-0-3)
This course will study leadership styles and the impact of these styles in organizations. Some of the topics will include leadership in a changing environment, qualities of successful leadership styles, developing an appropriate leadership style, and others. This course is not open to BBA students and will not count toward a BBA. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.
Prerequisite: MGMT 3101 or TECH 3101.

TECH 4800 - Selected Topics in Technology Management (Varies 1-3 credit hours)
A study of selected topics/problems under the guidance and supervision of a faculty member. Requires approval of dean or department head. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.

TECH 4850 - Seminar in Administration and Technology Management (1-0-1)
This is a "capstone" course designed to be taken in a student's senior year. Relevant topics in today's workforce will be examined for their impact on Administrative and Technology Mgmt. A grade of C or higher is required for this course to count toward graduation in a College of Professional Studies certificate or degree program.
Prerequisite(s): CRIT 1101 (C) and MGMT 3101 (C).

Theater (THEA)

THEA 1100 - Introduction to Theatre (3-0-3):
Taking a historical approach, this introductory course in Theatre will develop in the student a basic understanding of the world of Theatre. The student will develop a respect for the artists involved in the process of Theatre, a greater understanding of the position of Theatre in the world and in the student's life. (Note: Learning Support students who are required to take ENGL 0099 and/or READ 0099 must exit the requirement(s) before they can enroll in this course.)

THEA 1700 - Introduction to Theatre Design (3-0-3)
A study of the history of design in theatre. Emphasis will be placed on the theatre design process from inception to performance and the application of the principles and elements of design.

THEA 1880 - Introduction to Acting (3-0-3)
An introduction to basic acting techniques. The course includes an exercise regimen as well as skill development in stage combat, mime, voice production, and role preparation.

THEA 1990 - Play Development (3-0-3)
A practical application in the creation and development of a theatrical production from inception to completed presentation.

THEA 2100 - Stagecraft (3-0-3)
Practical work in theatre crafts, including carpentry, properties, costumes, scene painting, and sound. Special emphasis on safety and risk management will be included with each area.

THEA 2900 - Directing (3-0-3)
A foundational study of the principles of directing contemporary theatre with an emphasis on current trends in theatrical production.

THEA 2990 – Intermediate Play Development (3-0-3)
Intermediate application in the creation and development of a theatrical production from inception to completed presentation.
Pre-requisite(s): THEA 1100 and 1880

THEA 3101 - Theatre, Cinema, and Society (3-0-3)
A topical or thematic approach to the study of the networks of relationship between the dramatic arts (including both live performance and film) and the social structures in which those works are created and interpreted, considering both historical and contemporary perspectives.
Prerequisite: THEA 1100

THEA 3700 – Improvisational Theatre (3-0-3)
An introduction to the theory and practice of improvisation in a theatrical context.
Prerequisite: THEA 1110 or THEA 1880

THEA 3800 - Play writing (3-0-3)
A study in the basic mechanics of writing theatrical work with an emphasis on plot and dialog. (The student will be required to purchase play writing software for the laptop and will be instructed in its use.)
Prerequisite: THEA 1100

THEA 3820 – Screenwriting (3-0-3)
In this course, students will study the mechanics of screenwriting. The course explores dramatic structure including film language, story, and character development.
Students will analyze and apply various techniques in writing for the screen.
Prerequisites: CMS 2100, ENGL 1102

THEA 3880 - Acting II (3-0-3)
Acting II is an in-depth exploration of the ideas and practical application of contemporary acting in the world of theatrical realism.
Prerequisite: THEA 1100, THEA 1880

THEA 3900 - Directing Project (3-0-3)
A concentrated exploration of the principles and practices of directing contemporary theatre with an emphasis in directing a project for presentation.
Prerequisite: THEA 2900

THEA 3901- Practicum/Internship (3-0-3)
A practical internship with a professional theatre company in the Atlanta area one of three areas: artistic, technical, or management.
Prerequisite: Admission to the Theatre Program

THEA 3991 – Advanced Play Development (3-0-3)
Advanced application in the creation and development of a theatrical production from inception to completed presentation.
Prerequisite: THEA 1990

THEA 4101 - Theatre Concepts (3-0-3)
A directed discussion class concerned with the collaborative overview of the professional Theatre with an emphasis on experience in Equity Theatres.
Prerequisite: Junior Standing and THEA 1100

THEA 4102 - Lighting Design (3-0-3)
A study of design principles and practices, history of design, and practical applications in lighting.
Prerequisite: THEA 1700 and THEA 2100

THEA 4103 - Set Design (3-0-3)
A study of principles and practices, history, and practical applications in set design.
Prerequisite: THEA 1700 and THEA 2100

THEA 4104 - Costume Design (3-0-3)
A study principles and practices, history, and practical applications in costume design.
Prerequisite: THEA 1700

THEA 4460 – Voiceover (3-0-3)
In this course, students will study and apply their performance skills in voiceovers for radio, animation, commercials, film, and other media. Students will learn techniques for developing characters and accents that they can access on demand. Students will create and analyze their vocal recordings for use on professional voiceover demo recordings or in other media.
Prerequisite: THEA 1880

THEA 4511 - World Theatre (3-0-3)
A study of nonwestern Theatre styles and concepts as they relate to contemporary American Theatre.
Prerequisite: Junior Standing and THEA 1100

THEA 4520 - African American Theatre (3-0-3)
A study of the history and contributions of African Americans to American theatre.
Prerequisite: Junior Standing and THEA 1100

THEA 4530 - Music Theatre (3-0-3)
A study of New Music Theatre forms including but not limited to the American Musical.
Prerequisite: Junior Standing and THEA 1100

THEA 4500 - Capstone project (3-0-3)
A theatre major's final Theatre project, particular to the major's interest in either acting, directing, play writing, or design; presented in the Theatre for the general public.
Prerequisite: Admission to the Theatre Program and THEA 1100

THEA 4800 - Selected Topics (3-0-3)
A seminar in Theatre topics. May be repeated when topics vary.
Prerequisite: Junior Standing and THEA 1100

THEA 4860 – Audition Techniques (3-0-3)
For Juniors/Seniors. This course prepares students for their transition into the professional community. Students learn techniques for auditioning using monologues, scenes, and cold readings.
Prerequisite: THEA 3880 with a minimum grade of C

THEA 4861 – Acting for the Camera (3-0-3)
An advanced acting course in which students explore performance techniques for the camera.
Prerequisite: THEA 3880 with a minimum grade of C

THEA 4880 – Acting Styles (3-0-3)
An in-depth exploration of the ideas and practical applications of contemporary acting.
Pre-requisite: THEA 3880

THEA 4901 - Theatre Collaboration (3-0-3)
A class in creating new work for the theatre in collaboration with a professional Equity Theatre.
Prerequisite: Admission to the Theatre Program and THEA 1100

University Foundation (CSU)

CSU 1000 - First Year Student Seminar: Success in Clayton State (1-0-1)
The seminar is an integrated experience which is designed to enhance learning. Clayton State 1000 is designed for students who are in their first semester at Clayton State University. (Open to students with up to 30 hours.) As a result of completing assignments and actively participating in all class activities, students will improve skills needed for academic success, including study skills, time management, note-taking, active listening, test taking, and knowing how to access and use campus resources. Students will develop an academic plan and determine or reinforce an academic major. Emphasis will be placed on understanding policies and procedures. Attention will be given to increasing student awareness of an appreciation for cultural diversity, visual and performing arts, and challenging points of view. Students will be encouraged to increase their involvement in campus life through leadership activities, membership in clubs and organizations, and service on campus committees. (Not normally appropriate for students who have taken CSOR 0098.) (Institutional credit only; counts in GPA.)

CSU 1022 - University Foundations (2-0-2)
University Foundations helps new students make a successful transition to Clayton State University and prepares them to meet the challenges of higher level learning and the demands of their chosen field. The course connects students and faculty who share a common interest by building a community of learners committed to achieving excellence. University Foundations refines academic goals, encourages a greater sense of personal responsibility, creates intentional learners, and provides the information and support that students need to earn a college degree. This discussion-based seminar helps students to learn how to improve their basic skills in areas such as written communication, oral communication and critical thinking. (Institutional credit only; counts in GPA)

CSU 2500 - Essentials of Peer Tutoring (1-2-2)
A training program and practicum in one-on-one tutoring of students taking remedial and college-level courses. Readings, workshops, video instruction, and systematic supervision will address goal-setting, active listening, study skills, effective communication, and critical thinking, with the goal of helping tutored students become independent learners. Course follows guidelines set by the International Tutor Certification Program established by the College Reading and Learning Association. Enrollment is contingent on recommendation of faculty member and approval of referring department. Students must have at least an A or B average in the subject they wish to tutor.

WebBSIT (WBIT)

WBIT 1100 - Introduction to Information Technology (3-0-3)
This course is an introductory course in information technology. Topics include foundations in hardware, software, data and an overview of the use of information technology in organizations. Topics include structured programming techniques, systems development, database design and networking, with an emphasis on appropriate business ethics, interpersonal skills and team building.
Prerequisites: none.

WBIT 1310 - Programming and Problem Solving I (3-0-3)
This course helps students to develop basic problem-solving skills using the Java programming language. Students are introduced to fundamentals of Java programming language with emphasis on primitive data types, control structures, methods, arrays, classes, objects, abstraction, inheritance and polymorphism. Students learn basic techniques of good programming style, design, coding,

debugging, and documentation. Students are able to create programs to solve basic practical problems.
Prerequisites: C or better in an Area A mathematics course and in WBIT 1100.

WBIT 2000 - The Enterprise and Information Technology (3-0-3)
This course will look at the structure and management of an information technology infrastructure. From the management aspect the course will touch on principles and practices of managing both people and technology to support an organization. The course will emphasize how to make an information technology infrastructure effective, efficient, and productive. The management of hardware, software, data, networks and other supporting IT functions will be studied.

WBIT 2300 - Discrete Math for Information Technology (3-0-3)
Discrete (as opposed to continuous) mathematics is of direct importance to the fields of Computer Science and Information Technology. This branch of mathematics includes studying areas such as set theory, logic, relations, graph theory, and analysis of algorithms. This course is intended to provide students with an understanding of these areas and their use in the fields of Computer Science and Information Technology.
Prerequisite(s): MATH 1113 (C), MATH 1241 (C), MATH 1221 (C), or equivalent.

WBIT 2311 - Programming and Problem Solving II (3-0-3)
The emphasis of this course is on advanced programming techniques in Java including GUI's, software reuse through component libraries, recursion, event-driven programming, database processing, file processing, and exception handling. Students are able to create event-driven, graphical programs or text-based programs solving practical problems incorporating databases and external files.
Prerequisite(s): WBIT 1310 (C), WBIT 2300 (C).

WBIT 3010 - Technical Communication (3-0-3)
This course covers workplace communication at the intermediate level. Topics include audience analysis, research proposal and report writing, document and visual design, editing and presentation design.
Prerequisite(s): ENGL 1102 (C).

WBIT 3110 - Systems Analysis and Design (3-0-3)
This course introduces the fundamental principles of the design and analysis of IT applications. In this course, students will learn to apply the tools and techniques commonly used by systems analysts to build and document IT applications. Classical and structured tools for describing data flow, data structure, process flow, file design, input and output design, and program specification will be studied, as will object-oriented techniques.
Prerequisites: WBIT 1310 (C) Programming and Problem Solving I, WBIT 2000 The Enterprise and IT (C).

WBIT 3111 - Information Technology Project Management (3-0-3)
Project management techniques and tools as applied to information systems projects including resource and personnel management and allocation, product testing, scheduling, and project management software. Students will study examples of both successful and unsuccessful projects and apply lessons learned to a class project.
Prerequisite(s): WBIT 3110 (C), WBIT 3010 (C), MATH 1231 (C).

WBIT 3200 - Database Design, Development and Deployment (3-0-3)
An advanced course in database design, development and deployment. Course emphasizes database design drawing distinctions between data modeling and process modeling using various modeling techniques including Entity-Relationship Modeling, Object Modeling and Data Flow Diagramming; database development using the relational model, normalization, and SQL; database deployment including control mechanisms, forms, reports, menus and web interfaces. Additional topics include procedures, functions, packages and triggers. Students will design, create and process a database to demonstrate competency in the course content. Note: If a

student is taking WBIT 2311 as a co-requisite and subsequently withdraws from WBIT 2311, the student must also withdraw from WBIT 3200.
Prerequisite(s): WBIT 1310 (C).
Pre or Co-requisite: WBIT 2311 (C).

WBIT 3400 - Introduction to Digital Media (3-0-3)
This course covers the basic design principles and tools for creating and editing digital media elements. Examples of these elements include graphics, animation, audio, video, virtual space and simulation.
Prerequisites: WBIT 1100 (C).

WBIT 3410 - Web Applications Development (3-0-3)
The course provides a survey of techniques and tools for developing basic web pages for delivery of text and graphic information; focus on page markup languages, client-side scripting, page design principles, page layout techniques, markup language syntax, and page styling methods.
Prerequisite(s): WBIT 1310 (C).

WBIT 3500 - Architecture and Operating Systems (3-0-3)
This course introduces students to the architectures of computer systems and the operating systems that run on them. It explores and gives experience with some common computer designs and operating systems. Topics include basic computer architecture, instruction set architecture, memory, memory management, processes, and file systems.
Prerequisite(s): WBIT 1310 (C).

WBIT 3510 - Data Communications and Networking (3-0-3)
This course covers computer network and communications concepts, principles, components, and practices; coverage of common networking standards, topologies, architectures, and protocols; design and operational issues surrounding network planning, configuration, monitoring, troubleshooting, and management.
Prerequisite: WBIT 3500 (C).

WBIT 3600 - Introduction to E-Commerce (3-0-3)
The emphasis of this course is on basic principles and practices of E-business and E-commerce. Topics include infrastructures and applications of Ecommerce, E-Tailing, E-Marketing, advertisement, B2B, B2C, C2C, E-Government, M-Commerce, E-Learning, electronic payment systems, security, and legal issues. Students also learn to build simple dynamic Ecommerce sites using server-side scripting.
Prerequisite(s): WBIT 3110 (C), WBIT 3410 (C).

WBIT 4020 - Professional Practices and Ethics (3-0-3)
This course covers historical, social, economic and legal considerations of information technology. It includes studies of professional codes of ethical conduct, philosophy of ethics, risk analysis, liability, responsibility, security, privacy, intellectual property, the internet and various laws that affect an information technology infrastructure.
Prerequisite(s): Senior standing

WBIT 4030 - Senior Project & Portfolio (3-0-3)
A capstone course for BSIT majors that includes completion of a digital portfolio, an electronic resume representing skills acquired and projects completed. The portfolio will be introduced in an earlier course and students will be expected to add to the portfolio selected assignments during their last few semesters. Faculty will include Portfolio comments and students will be expected to record reflections on accomplishments. Finally, in cooperation with the IT industry, students will be expected to secure an internship and document internship hours, objectives and supervisor evaluations in the Portfolio.
Prerequisite(s): Senior Standing.

WBIT 4112 - Systems Acquisition, Integration and Implementation (3-0-3)
Most IT applications used by organizations are configured from components that have been purchased from third-party vendors. This includes both hardware components

and, increasingly, software components. In this course, students will study the component acquisition process, and methods and techniques for integrating these components into an existing IT infrastructure.
Prerequisite(s): WBIT 4520 (C), WBIT 3510 (C), WBIT 3200 (C), WBIT 3110 (C), WBIT 2311 (C).

WBIT 4120 - Human-Computer Interaction (3-0-3)
The emphasis of this course is on fundamentals of human-machine interfaces, both cognitive and physical. Learning styles and effects of short-term memory on cognition and reaction will affect hardware and software development. Students will design a prototype interface.
Prerequisites: WBIT 2311 (C) and WBIT 3400 (C).

WBIT 4520 - Information Assurance and Security (3-0-3)
This course is an introduction to information assurance and security in computing. Topics include computer, network (distributed) system and cyber security, digital assets protection, data backup and disaster recovery, encryption, cryptography, computer virus, firewalls, terrorism and cyber crimes, legal, ethical and professional issues, risk management, information security design, implementation and maintenance. Note: If a student is taking WBIT 3510 as a co-requisite and subsequently withdraws from WBIT 3510, the student must also withdraw from WBIT 4520.
Prerequisite: WBIT 3500 (C).
Pre or Co-requisite: WBIT 3510 (C).

WBIT 4601 - Customer Relationship Management (3-0-3)
The use of IT applications has allowed many organizations to collect large amounts of data on their clients and to apply such data to improve the relationships with their customers. In this course, students will study customer relationship management systems, including the reasons for their emergence, the functionalities that they provide and the issues one would have to face to successfully introduce a Customer Relationship Management System into an organization.
Prerequisite(s): WBIT 3600 (C), WBIT 3200 (C), WBIT 2311 (C).

WBIT 4602 - IT Strategy, Design and Development (3-0-3)
Students will gain an understanding of the complexities of IT systems development and will demonstrate effective strategies commonly used by IT professionals. The course will include surveys of security issues, Internet technologies, web development software, e-commerce models, purchase and payment systems, interfaces with business systems, legal issues, international issues, and marketing and promotion of information technology systems. Students will develop prototypical systems.
Prerequisites: WBIT 4120, WBIT 3600 (C), WBIT 3200 (C), WBIT 3111 (C), WBIT 2311 (C).

WBIT 4610 - IT Policy and Law
This course will focus on the legal implications of conducting business in the information technology age. Topics will include current understanding of Internet contracts, copyright, trademark and patent law. Further, this course will examine cutting-edge cases relating to security, e-commerce, and emerging ethical issues and trends. Prerequisite(s): WBIT 3600 (C).

Writing Lab (WLAB)

WLAB 1999 - Writing Skills Laboratory I (1-0-1)
A structured and graded laboratory administered by the Department of English and designed to enhance writing skills needed in the disciplines and other contexts. Enrollment is restricted to students referred by the Department of Language and Literature. (Institutional credit only; does not count toward a degree.)

WLAB 2999 - Writing Skills Laboratory II (1-0-1)
A structured and graded laboratory administered by the Department of English and designed to enhance writing skills in major disciplines. Any student whose official major field writing assessment profile fails to meet the established standard must enroll in WLAB 2999 each subsequent term until the student has earned a grade of C or better in the course. Students required to take WLAB 2999 who do not register for it are subject to having their registration for other courses cancelled. This course is open only to students who are referred by the school/college of their major. (Institutional credit only; does not count toward a degree.)

Women's Studies (WST)

WST 2500 - Introduction to Women's Studies (3-0-3)
In this course we will examine women and gender from an interdisciplinary perspective, borrowing from Humanities and Social Science fields such as English, psychology, philosophy, art history, sociology, film studies, women's health, and cultural studies. At the same time, we will consider the ways that gender roles vary across time and in different cultural contexts, paying particular attention to analysis of interrelated gender, race, sexuality, and class oppressions.
Prerequisite(s): CRIT 1101 (C) and ENGL 1102 (C).

WST 3300 - Women and Sport (3-0-3)
This course provides an introduction to current debates and scholarship in the field of women and sport. The course examines the cultural production of the female athlete and explores the underpinning historical, social, economic and political implications of women in sports. Topics include: media representations of female athletes, media coverage of women's sport, women's sporting bodies, female physicality, and the iconic image of the athlete in U.S. culture.

WST 3400 - Gender, Culture, and Globalization (3-0-3)
This course will review recent scholarship on globalization, gender and culture in several advanced and d eveloping countries. Putting gender at the center of globalization discourses highlights the historical and cultural variability of gender relations intersecting with class, race and nationality, and highlights the impact of restructuring on w orkers, organizations and institutions at the local, national and regional levels. Topics for the course will include: ERSAP (Economic Reform and Structural Adjustment Programs), transnational families, migration, global gender gap, sex segregated employment, the service economy, and cultural flow of commodities, capital, information, technology, and labor.

WST 3410 - U.S. Women of Colors (3-0-3)
This course provides students with a better understanding of the unique positionalities and standpoints of women of colors living in the U.S. and focuses on Native American, African American, Latina and Asian American women. The historical and contemporary experiences of U.S. women of colors will be at the center of the course, and students will use critical theories of race, class, gender and sexuality to examine these experiences in terms of the contributions U.S. women of colors have made in shaping the nation. Course content and class discussions will focus on visual representations, ethnographies and writings of U.S. women of colors.

WST 3500 - Feminist Theory (3-0-3)
This course is designed to provide students with an ov erview of western and n on-western feminist thinkers from a variety of disciplines. Students will be trained to use theory as a tool of analysis. Through the lens of interdisciplinary feminist theory students will critically examine and explore global, social, and cultural issues.
Prerequisite(s): WST 2500 (C) or PHIL 2010 (C) or PHIL 2040 (C).

WST 4010 - Feminist Media Studies (3-0-3)
This course explores the intersection of media culture (i.e., production, representation, reception, and identity), commercial media imperatives, feminism, and gender,

examining the development, direction and contributions of scholarly/research approaches to these areas. Topics include: feminist media histories, gender roles in the media, feminist cultural studies, women and advertising, cultivation theory, the culture industry, agency through consumption and decades of women on television.

WST 4800 - Special Topics in Women's Studies (3-0-3)

This course will be conducted as a revolving- topics seminar that may be repeated when topics vary. Topics will address relevant themes in Women's Studies; for example, possible themes might include major historical and/or cultural movements, women's work, women's creative works, representations of women, or women in cross- cultural perspectives, as facilitated by the direction and expertise of the instructor.

Prerequisite(s): WST 2500 (C).

UNIVERSITY SYSTEM OF GEORGIA

Thirty-five public colleges and universities of the University System of Georgia offer almost unlimited opportunities for citizens of the state to attend college. Programs of study and degrees are offered in almost every field available anywhere in the world. Students can choose programs to fit their talents and interests, ranging from one-year certificate programs to doctoral programs.

Fifteen two-year colleges offer the first two years of studies leading to bachelor degrees and professional degrees, as well as one- and two-year career programs designed to prepare students for immediate employment. Career programs are available in fields such as accounting, computer science, agricultural equipment technology, electronics, drafting, dental hygiene, nursing, secretarial studies, and over fifty other fields.

The 13 state colleges and universities offer bachelor degrees and, in many cases, some graduate degrees. Degree programs include hundreds of fields of interest including business administration, teacher education, mathematics, sciences, history and other social sciences, engineering, art, and music.

Some of these institutions also offer many of the two-year career programs offered by community colleges.

The six regional and research universities offer graduate programs leading to master's and doctor's degrees, four-year programs leading to bachelor degrees, and some two-year programs. Offerings include programs ranging from aerospace and nuclear engineering at the Georgia Institute of Technology; economics and health administration at Georgia State University; medicine and dentistry at the Medical College of Georgia; to forestry, law, pharmacy, and veterinary medicine at the University of Georgia. Students may begin their freshman year of studies leading to these graduate and professional degrees at any of the 35 colleges and universities of the University System of Georgia.

One or more of these public colleges and universities is located in every section of the state, from Brunswick in the Southeast and Bainbridge in the Southwest, to Dalton and Rome in the Northwest and Dahlonega and Gainesville in the Northeast. In fact, most Georgians live within commuting distance of one or more colleges.

All colleges and universities are accredited and offer quality courses. Freshman and sophomore credits toward bachelor degrees which are earned with satisfactory grades at any of these colleges are accepted by all other University System institutions. Fees charged residents of Georgia for attending college, exclusive of living expenses, are low by most standards.

In addition to college courses and programs, non-credit offerings are made available in almost every area of human interest. Many courses and programs are designed to improve job skills, while others provide opportunities for self-improvement in areas unrelated to work. The four universities also conduct extensive programs of research directed primarily toward improving the economic and human welfare of the people of Georgia.

The thirty-five institutions of the University System of Georgia stand ready to encourage and assist citizens interested in college studies.

A 16-member constitutional Board of Regents governs the University System, which has been in operation since 1932. Appointments of Board members are made by the Governor, subject to confirmation by the State

Senate. Regular terms of Board members are seven years.

Members of the Board of Regents

			Current Term
C. Dean Alford, P.E.	Conyers	Fourth District	2012-2019
Kenneth R. Bernard, Jr.	Douglasville	Thirteenth District	2007-2014
Lori Durden	Statesboro	Twelfth District	2013-2020
Larry R. Ellis	Atlanta	Fifth District	2013-2017
Rutledge A. (Rusty) Griffin, Jr.	Valdosta	Eighth District	2013-2018
George Hooks	Americus	At-Large	2013-2016
C. Thomas Hopkins, Jr. MD	Griffin	Third District	2010-2017
Donald M. Leebern, Jr.	McDonough	At-Large	2012-2019
William “Dink” H. NeSmith, Jr. (Chair)	Athens	At-Large	
Doreen Stiles Poitevint	Bainbridge	Second District	2011-2018
Neil L. Pruitt, Jr.	Norcross	Eleventh District	2013-2017
Scott Smith	Ringgold	Fourteenth District	2013-2020
Kessel Stelling, Jr.	Columbus	Sixth District	2008-2015
Benjamin “Ben” J. Tarbutton III	Sandersville	Tenth District	2013-2020
Richard L. Tucker	Duluth	Seventh District	2012-2019
Thomas Rogers Wade	Atlanta	At-Large	2013-2020
Larry Walker	Perry	At-Large	2009-2016
Don L. Waters	Savannah	First District	2013-2018
Philip A. Wiheit, Sr. (Vice Chair)	Gainesville	Ninth District	2013-2015

Colleges and Universities

COMPREHENSIVE AND SPECIAL PURPOSE UNIVERSITIES

Georgia Institute of Technology
225 North Avenue, N.W.
Atlanta, Georgia 30332
(404) 894-2000—GIST 222-5051

Georgia Regents University
1120 Fifteenth Street
Augusta, Georgia 30912
(706) 721-0211—GIST 331-2301

Georgia State University
P.O. Box 3965
Atlanta, Georgia 30303-3083
(404) 413-2000—GIST 223-2560

University of Georgia
Athens, Georgia 30602
(706) 542-3000—GIST 241-1214

REGIONAL UNIVERSITIES

Georgia Southern University
P.O. Box 8055
Statesboro, Georgia 30460
(912) 478-4636—GIST 364-5211

Valdosta State University
1500 North Patterson Street
Valdosta, Georgia 31698
(229) 333-5800—GIST 343-5952

STATE UNIVERSITIES

Albany State University
504 College Drive
Albany, Georgia 31705-2717
(229) 430-4600—GIST 341-4604

Armstrong Atlantic State University
11935 Abercorn Street Ext.
Savannah, Georgia 31419-1997
(912) 344-2503—GIST 369-5258

Clayton State University
2000 Clayton State Boulevard
Morrow, Georgia 30260-0285
(678) 466-4000—GIST 220-3531

Columbus State University
4225 University Avenue
Columbus, Georgia 31907-5645
(706) 507-8800—GIST 251-2211

Fort Valley State University
1005 State University Drive
Fort Valley, Georgia 31030-4313
(478) 825-6211—GIST 327-6315

Georgia College & State University
P.O. Box 23
Milledgeville, Georgia 31061
(478) 445-5004—GIST 324-5269

Georgia Southwestern State University
800 Georgia Southwestern State Univ. Drive
Americus, Georgia 31709-4693
(800) 338-0082—GIST 345-1360

Kennesaw State University
1000 Chastain Road
Marietta, Georgia 30144-5591
(770) 423-6000—GIST 228-6033

Savannah State University
3219 College Avenue
Savannah, Georgia 31404
(912) 358-4778—GIST 362-2240

Southern Polytechnic State University
1100 S. Marietta Parkway
Marietta, Georgia 30060-2896
(678) 915-7778—GIST 224-7230

University of North Georgia
82 College Circle
Dahlonega, Georgia 30597
(706) 864-1400—GIST 244-1993

University of West Georgia
1601 Maple Street
Carrollton, Georgia 30118
(678) 839-5000—GIST 232-6442

STATE COLLEGES

Abraham Baldwin Agricultural College
2802 Moore Highway
Tifton, Georgia 31793
(229) 391-5000—GIST 342-3242

Atlanta Metropolitan State College
1630 Metropolitan Parkway, S.W.
Atlanta, Georgia 30310-4498
(404) 756-4000--GIST 279-4441

Bainbridge State College
2500 East Shotwell Street
Bainbridge, GA 39819.
(229) 248-2500

College of Coastal Georgia
One College Direve
Brunswick, GA 31520
(912) 279-5700

Dalton State College
650 College Drive
Dalton, Georgia 30720
(706) 272-4436—GIST 235-4438

Darton State College
2400 Gillionville Road
Albany, Georgia 31707-3098
(229) 317-6000—GIST 341-6705

East Georgia State College
131 College Circle
Swainsboro, Georgia 30401-2699
(478) 289-2017—GIST 333-4200

Georgia Gwinnett College
1000 University Center Lane
Lawrenceville, GA 30043
(678) 407-5000

Georgia Highlands College
3175 Cedartown Highway, SE
Rome, GA 30161
(706) 802-5000

Georgia Perimeter College
3251 Panthersville Road
Decatur, Georgia 30034-3897
(678) 891-2300—GIST 275-2364

Gordon State College
419 College Drive
Barnesville, Georgia 30204-1762
(800) 282-6504—GIST 258-5015

South Georgia State College
100 West College Park Drive
Douglas, Georgia 31533-5098
(912) 260-4200--GIST 347-4202

Middle Georgia College
1100 Second Street, SE
Cochran, Georgia 31014-1599
(478) 934-6211—GIST 325-3011

INDEPENDENT RESEARCH INSTITUE

Skidaway Institute of Oceanography
10 Ocean Science Circle
Savannah, GA 31411
Phone: (912) 598-2400

GEORGIA PUBLIC LIBRARY SERVICES

Georgia Public Library Service
1800 Centry Place, Suite 150
Atlanta, GA 30345-4304
Phone: (404) 235-7200

UNIVERSITY PERSONNEL

Administrative Offices and Staff

PRESIDENT'S OFFICE

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ACADEMIC AFFAIRS

John M. Crafton., Provost and VP for Academic Affairs
Robert A. Vaughan, Jr., Associate Vice President for Academic Affairs
Kevin Demmitt, Associate Vice President of Academic Outreach
Jill Lane, Dean of Assessment and Instructional Development
Narem Reddy, Director of Institutional Research and Planning
Vacant, Director of International Programs
Alexander Hall, Director of the Honors Program

COLLEGE OF ARTS AND SCIENCES

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John Campbell, Associate Dean
R.B. Rosenburg, Assistant Dean

COLLEGE OF BUSINESS

Michael H. Deis, Interim Dean
Louis F. Jourdan, Interim Associate Dean
Ali Dadpay, Assistant Dean and MBA Director

COLLEGE OF HEALTH

Lisa Wright Eichelberger, Dean

COLLEGE OF INFORMATION AND MATHEMATICAL SCIENCES

Lila F. Roberts, Dean
Jarrett L. Terry, Assistant Dean and Advisor

SCHOOL OF GRADUATE STUDIES

Robert Vaughan, Graduate Dean

ENROLLMENT SERVICES AND ACADEMIC SUCCESS

Mark Daddona, Associate Vice President for Enrollment Management & Academic Success
Patricia Barton, Director of Financial Aid
Kathy Garrison, Director of Center for Academic Success
Rebecca Gmeiner, Registrar
DeLandra Hunter, Director of First-Year Advising and Retention Center
Sharon Long, Director of Testing Center
Celena Milner, Director of Orientation & New Student Programs
Betty Momayezi, Director of Recruitment and Admissions

CENTER FOR INSTRUCTIONAL DEVELOPMENT

Jill Lane, Dean

LIBRARY SERVICES

Gordon Baker, Dean

Cathy B. Jeffrey, Associate Dean

ATHLETICS
Carl McAloose, Athletic Director

STUDENT AFFAIRS
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Angelyn Hayes, Assistant Vice President
Jeff Jacobs, Associate Dean of Students and D irector of Housing, Residence Life and Community Standards
Natasha Hutson, Director of Campus Life and the Student Activities Center
Bridgette McDonald, Interim Director of Career Services
Christine Smith, Director of Counseling and Psychological Services
Lou Bedrossian, Director of Disability Resource Center
Cindy Lauer, Director of Recreation and Wellness
Vacant, Director of Health Services

INFORMATION TECHNOLOGY AND SERVICES
John Bryan, Executive Director

OPERATIONS, PLANNING, AND BUDGETING
Corlis Cummings, Vice President
Vacant, Assistant Vice President

SMALL BUSINESS DEVELOPMENT CENTER
Alisa Kirk, Director

SPIVEY HALL
Sam Dixon, Executive Director

EXTERNAL RELATIONS
Kate Troelstra, Vice President
Terri Taylor-Hamrick, Director of Advancement Services
Leila Tatum, Director of Alumni Relations
Tom Griffin, Director of Development
Dolores Cox, Director of Marketing & Communications
John Shiffert, Director of University Relations

Corps of Instruction -- Faculty with Academic Rank and Librarians

Augustine O. Agyeman, Associate Professor of Chemistry
B.Sc., University of Science and Technology, 1999; Ph.D., Loyola University, 2007.

Shakil Akhtar, Professor of Information Technology
B.S., University of Peshawar, 1980; M.S., University of Petroleum and Minerals, 1982; Ph.D., Wayne State University, 1986.

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B.A., Wake Forest University, 1986; M.S., Georgia Institute of Technology, 1989; Ph.D., Georgia Institute of Technology, 1993.

H. Lari Arjomand, Lecturer of Economics
B.S., National University of Iran, 1966; M.S., Southern Illinois University, 1971; Ph.D., The University of Oklahoma, 1980

Susan A. Ashford, Associate Professor of Nursing
B.S.N., Medical College of Georgia, 1977; M.N., Emory University, 1979; PH.D., Emory University, 2005.

Dennis G. Attick, Assistant Professor of Teacher Education
B.S., Southern Connecticut State University, 1992; M.Ed., Georgia State University, 2000; Ph.D., Georgia State University, 2008.

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BBA, Georgia College and State University, 1990; M.P.A., Georgia College and State University, 1991; Ph.D., Clark Atlanta University, 2001.

Gordon Baker, Dean of Library Services and Librarian
B.S., Valdosta State University, 1975; M.L.S., Atlanta University, 1978; Ed.D., Nova Southeastern University, 1997.

Scott M. Bailey, Assistant Professor of Mathematics
B.A., Cornell University, 2002; Ph.D., Northwestern University, 2008.

Harold R. Banke, Senior Lecturer of Science Education
B.A., University of Georgia, 1971; M.Ed., Georgia State University, 1980.

W. Gail Barnes, Assistant Professor of Dental Hygiene
B.S., The University of North Carolina at Chapel Hill, 1985; M.S., The University of North Carolina at Chapel Hill, 1987; M.A., The Ohio State University, 1987; Ph.D., The Ohio State University, 1999.

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Licentiate in Mathematics, Catholic University of Valparaiso, Chile, 1990; M.Sc. University of Puerto Rico, 1997; Doctor of 3rd Cycle, Polytechnic University of Catalonia, Spain, 2004.

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B.S., University of Georgia, 1976; M.S., Georgia Southwestern State University, 1991; Ed.S., Columbus State University, 1994.

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A.B., The College of William and Mary, 1966; M.A., University of Memphis, 1968; Ph.D., University of Delaware, 1976.

Richard E. Bell, Assistant Professor of Music and Director of Instrumental Studies
B.M., Florida State University, 1980; B.M., Florida State University, 1981; M.M., Florida State University, 1981; M.M., Florida State University, 1982; D.M.A., University of Georgia, 1991.

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B.S.N., Jacksonville State University, 1985; M.S.N., Walden University, 2012.

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B.Sc., The University of Jordan, 1979; M.Acc., University of Georgia, 1986; Ph.D., The University of Mississippi, 1989.

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Benie A. Colvin, Lecturer of English
B.A., Emory University, 1966; M.A., Georgia State University, 1972; Ph.D., Indiana University of Pennsylvania, 2008, Composition and TESOL.

Susan E. Copeland, Associate Professor of English and Assistant Department Chair
B.A., University of Georgia, 1979; M.Ed., Virginia State University, 1986; Ph.D., The Catholic University of America, 2000.

Matthew S. Cornick, Assistant Professor of Legal Studies and Coordinator of the Legal Studies Program
B.A., State University of New York at Buffalo, 1979; J.D., Emory University, 1982.

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B.A. University of Pittsburgh, 1994; M.A., Temple University, 1996; Ph.D., Temple University, 2004.

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