

College of Arts and Sciences

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General Information

The College of Arts and Sciences is composed of the following departments: Behavioral Sciences; Government and Public Administration; Humanities and Social Sciences; Mathematical, Computer, and Natural Sciences. The table below summarizes the degree options, majors, minors, and certification programs offered by the College of Arts and Sciences.

DEPARTMENT	MAJOR/MINOR PROGRAMS	BA	BS	LICENSURE/ CERTIFICATION TRACK	MINOR
Behavioral Sciences	Behavioral Science		X		X
	Gender/Multicultural Studies				X
	Gerontology				X
	Psychology	X	X		X
	Sociology	X	X		X
Government and Public Administration	Criminal Justice		X		X
	Health Science		X		
	Health & Wellness Management		X		
	Political Science (PO)	X	X		X
	PO - Government Administration and Social Policy Option		X		
Public Safety & Health Administration		X		X	
Humanities and Social Sciences	Art (AR)			X	X
	AR – Computer Graphics Option	X			
	AR – Studio Arts Option	X			
	Art History				X
	English	X		X	X
	Drama				X
	History	X		X	X
	Religion	X			X
	Church Finance				X
	Religious Education				X
Social Science		X	X		
Interdisciplinary	Liberal Studies		X		
Mathematical, Computer and Natural Sciences	Biology		X	X	X
	Marine Science				X
	Chemistry		X	X	X
	Computer Science (CS)		X		X
	CS-Computer Information Systems (CIS) Option		X		X
	CS-Computer Networking (CN) Option		X		X
	Mathematics		X	X	X

The College of Arts and Sciences also offers a certificate program in Children’s Advocacy Studies Training (CAST). For more information, see the College of Arts and Sciences minors and certificates sections later in this catalog.

The mission of the College of Arts and Sciences is to prepare students for entry into the job market, or for continuing education in graduate or professional school. Through its course offerings, the College seeks to engage the intellect, excite the imagination, improve the scholarship of its students, and assist its students in developing:

- Competencies in written and oral communication;
- Appreciation of their cultural heritage and understanding of their world;
- A knowledge base conducive to self-growth and enriched life experiences; and,
- Fundamental knowledge, research skills and computer literacy essential to lifelong learning.

The Department of Behavioral Sciences offers courses in three areas of study: Behavioral Science, Psychology, and Sociology. Programs in the Department employ an interdisciplinary approach aimed at developing a strong academic background to prepare students for employment in the areas of mental health, social work, counseling, substance abuse, sociology, and psychology. In addition, the program provides the student with the flexibility to seek employment immediately after graduation or pursue graduate or professional studies. The Department goals are aimed at: (1) enhancing the student's understanding of human services settings through a broad knowledge base of applied and clinical areas of human behavior; (2) instilling an appreciation for the ethical principles governing the fields of psychology, social work, and counseling; (3) cultivating life-long learning through proficient use of technology and information; (4) developing reasoning and analytical skills; and (5) communicating effectively orally and in writing.

The Department of Government and Public Administration offers the following majors: Criminal Justice, Health and Wellness Management, Health Science, Political Science, and Public Safety and Health Administration. Programs in the Department are designed to provide students with a knowledge-base and skill set that will allow them to pursue a graduate school education and enhance career opportunities. The Department goals are aimed at: (1) enhancing the student's knowledge of issues dealing with government and public administration, including political science and public policy; health and health policy; public safety and emergency response; and criminal justice and criminal law process; (2) fostering strong ethical standards; (3) developing research and analytical skills to collect and analyze data using scientific methodology; (4) enhancing proficiency in the use of technology and information; and (5) communicating effectively orally and in writing.

The Department of Humanities and Social Sciences offers courses in seven areas of study: Art, English, History, Political Science, Religion, and Social Science. Programs in the Department employ an interdisciplinary approach aimed at developing a strong academic background to prepare students for entry-level employment, admission into graduate or professional programs, or certification as secondary education teachers. The Department goals are aimed at: (1) enhancing the student's understanding of the world, society, and community through a broad knowledge base in the humanities and social sciences; (2) fostering respect and appreciation for diversity of people and opinions; (3) cultivating life-long learning through proficient use of technology and information; (4) developing critical thinking and analytical skills; and (5) communicating effectively orally and in writing. Students pursuing teaching certification or licensure will complete additional requirements from the College of Education.

The Department of Mathematical, Computer and Natural Sciences is committed to providing students with a strong academic background on the fundamentals of mathematics, computer science or natural sciences within the context of an increasingly technology-driven society. The mathematics and computer science programs allow students the flexibility to explore a wide range of applied and theoretical areas of mathematics, computing, and logic suitable for different employment environments in business, industry, and government or for further studies. The curriculum is designed to include an interdisciplinary approach where students can combine mathematics and/or computer science courses with other disciplines, as well as gain certification for teaching mathematics at the secondary school level. The mathematics and computer science program goals are aimed at: (1) enhancing the student's knowledge of mathematics and computer science; (2) cultivating analytical and problem-solving skills; (3) instilling an appreciation for ethical principles to face the challenges posed by the development and uses of new technology and advanced scientific inquiry; and (4) communicating ideas clearly orally and in writing.

The natural sciences program offers coursework in biology and chemistry. The biology and chemistry programs of study employ an interdisciplinary approach to the natural sciences providing a comprehensive science education background obtained through rigorous coursework, laboratory, and field experience. Structured to prepare students for career opportunities in science, in government, industry, and education, or for pursuing post-graduate studies, the natural sciences program goals are aimed at: (1) enhancing the student's knowledge of the fundamental principles of biology, chemistry, and related life sciences and their interrelationships; (2) cultivating analytical and problem solving skills through the active teaching of the scientific method; (3) instilling an appreciation for ethical principles in the conduct of scientific inquiry and use of new technology; and (4) communicating scientific findings and ideas clearly orally and in writing. Students pursuing secondary teaching licensure in mathematics, biology or chemistry will complete additional requirements mandated by the College of Education.

Majors leading to a Bachelor of Arts degree are in the disciplines of Art, English, History, Political Science, Psychology, Religious Studies, and Sociology. Majors leading to a Bachelor of Science degree are in the disciplines of Biology, Chemistry, Computer Science, Criminal Justice, Health and Wellness Management, Mathematics, Political Science, Psychology, and Sociology. The disciplines of Psychology and Sociology sponsor an interdisciplinary major in Behavioral Science leading to a Bachelor of Science degree. The College of Arts and Sciences, in cooperation with the College of Education, offers Licensure and Certification Track majors in Biology, Chemistry,

English, History, Mathematics, and Social Science for those students who are interested in teaching in Middle School or High School. Completion of these track requirements will lead to Class B Certification in High School Education. Completion of the Bachelor of Arts Licensure and Certification Track will lead to Class B Certification in grades P-12. In cooperation with the College of Business and the College of Education, the College sponsors interdisciplinary majors in Health Science and Public Safety and Health Administration leading to the Bachelor of Science degree. Pre-medical, pre-dental, and paramedical students are advised to major in either Biology or Chemistry; a program of study tailored to meet specific recommendations of a particular professional school, and leading to a Bachelor of Science degree, will be worked out for the student in consultation with his or her faculty advisor.

Certain College of Arts and Sciences curricula require courses to be completed in a particular sequence. Therefore, it is important that Arts and Sciences students meet with their Faculty Advisor, to be assigned by the Transfer Advising Center Counselor for the College of Arts and Sciences, as soon as possible. It must be noted, however, that the student bears individual responsibility to schedule and complete all requirements for the degree and a particular program of study. To fit specific student need, a special program of study may be devised which varies from published requirements. However, under no circumstances are alterations to a particular curriculum permitted without prior approval of the student's faculty advisor and completion of a Petition for Adjustment of Curriculum form.

Distance Education

The College of Arts and Sciences offers online degree programs in the following majors: Computer Science (Computer Information Systems Option), Religion, and Liberal Studies. All coursework for these majors may be completed via distance learning. For additional information on distance education, refer to the Academic Policies section in the Introduction and General Information portion of the catalog or the University website.

Interdisciplinary Programs

Forensic Science

Forensic Science is the application of the natural sciences in the investigation and prosecution of crime. Although Athens State University has no specific Forensic Science degree program, a plan of study has been developed in consultation with the Alabama Department of Forensic Sciences. The recommended curriculum is a major in Chemistry, along with a minor in Criminal Justice, which includes the following courses:

- CJ 301 Criminal Justice Process (3 semester hours)
- CJ 302 Criminal Law (3 semester hours)
- CJ 400 Law Enforcement in America (3 semester hours)
- CJ 452 Advanced Criminology (3 semester hours)
- Criminal Justice electives (6 semester hours)

Students are encouraged to take CH 302, Introduction to Forensic Science (3 semester hours), as one of their general electives. Student should consult their faculty advisor about remaining electives for the completion of the bachelor's degree.

Pre-Law Program

Many Athens State University students express an interest in attending law school after graduation. Many ASU students have attended law school at The University of Alabama, The Cumberland School of Law at Samford University, The University of Tennessee, The University of Florida, George Washington University, Memphis State University, and Southern Illinois University.

In most cases, a student must have a bachelor's degree, an acceptable score on the Law School Admission Test (LSAT), and meet certain GPA requirements to be admitted to an accredited law school. Although no law school requires a specific major, political science and criminal justice have been popular undergraduate majors for many students because of the opportunity to take courses in American government, constitutional law, civil liberties, criminal law, criminal justice process, public administration, and the American legal system. Methods of Behavioral Science Research and the Senior Research Project courses are designed to improve the student's research and writing skills.

Students should consider electives that will enhance skills needed in law school. Courses in the English department can improve oral and written communication, which are essential skills for success in law school. In the College of Business, courses in accounting, business law, and real estate are helpful. A student entering law school should also have basic computer skills. **Admission to law school is very competitive and no specific program can guarantee admission.**

Students interested in choosing political science and/or criminal justice as a pre-law major should contact the secretary in the Department of Humanities and Social Sciences (256) 233-6533.

Pre-Health Programs

Students interested in the pre-health programs should contact the chief Pre-Health programs advisor, Dr. Bruce Thomas (1-800-522-0272 Ext. 513 or 256-233-6513 or at bruce.thomas@athens.edu). Pre-health programs may include:

Pre-medicine (osteopathic and allopathic)	Pre-veterinary	Pre-podiatry
Pre-dentistry	Pre-pharmacy	Pre-naturopathic
Pre-optometry	Pre-chiropractic	Pre-physician assistant
Pre-occupational therapy	Pre-physical therapy	

Athens State University offers courses in several undergraduate academic programs designed to prepare students for further study in the fields of medicine, dentistry, optometry, veterinary medicine, pharmacy, chiropractic medicine, physical therapy, and other related disciplines. Students receive guidance in planning individual academic programs according to university and major requirements. Though many students pursue biology or chemistry degrees, medical schools generally do not require or recommend any particular field of study as long as the following courses are completed:

- English composition and literature(12 hours)
- General chemistry with laboratory (8 hours)
- Organic chemistry with laboratory (8 hours)
- Biochemistry (recommended) (3 hours)
- General biology with laboratory (8 hours)
- General physics with laboratory (8 hours)
- Mathematics (calculus recommended) (6 hours)
- Additional biology electives (recommended): genetics, embryology, cell biology, and physiology

Degree Programs in the College of Arts and Sciences

General University Requirements

Every student planning on completing a degree/major program at Athens State University must satisfy all University requirements and meet all financial obligations before a degree is awarded.

To be eligible to receive a degree, a student must:

- Complete 33 of the last 39 semester hours of study or 25 percent of the degree requirements, whichever is larger, at Athens State University.
- Apply no more than 64 semester hours of non-traditional/non-graded college credit toward the degree.
- Complete a minimum of 60 semester hours of upper level college/university credit (300-400 level).
- Complete a minimum of 15 semester hours of upper level (300-400 level) coursework in the major at Athens State University, not including courses taken by reciprocal or visiting arrangements. **College or departmental regulations may require completion of more than 15 semester hours of coursework in the major at Athens State University. These degree-specific requirements are published in the appropriate degree/major section of the catalog.**
- Complete all of the general education and pre-professional courses (Areas I-V) required for the degree or major(s).
- Complete all course requirements for the degree or major(s), comprised of a minimum of 124 semester hours.
- Complete all course requirements for the minor (when applicable).
- Complete the requirements for teacher certification (when applicable).
- Attain an institutional grade point average of 2.0 on all coursework attempted at Athens State University, and at least a 2.0 in the major field. **College or departmental regulations may require grade point averages higher than 2.0. These degree-specific requirements are published in the appropriate degree/major section of the catalog.**

The rules, regulations, policies, fees and other charges, courses, programs of study, and academic requirements that appear in this catalog were in effect at the time of its publication and every effort has been made to ensure the accuracy of all information. The contents are published for informational purposes only, and do not constitute a contract between the University and any student, applicant for admission or other person. Statements regarding courses, programs of study, fees, and conditions are subject to change without advance notice.

ART (AR)

The degree programs in Art provide students with a strong foundation on the visual arts centered on in-depth study in a number of studio and art history courses. Completion of a major study in the visual arts can be taken as an integral part of a general liberal arts degree program. The program's primary goal is the self-growth of the artist, while preparing students for graduate studies in visual arts or entry-level careers in art constitute other important goals. The curriculum is designed around the student's individual needs and a conscientious direction in planning an appropriate avenue of study within the program. The senior major exhibition culminates the study.

Bachelor of Arts - Art Major: Computer Graphics Option

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Arts degree with a major in Art – Computer Graphics Option:

Applicable General University Requirements

Students earning the Bachelor of Arts (BA) degree with a major in Art – Computer Graphics Option must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural sciences (lab-based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	HU 321 Research Sources and Skills or the equivalent	1
	General Electives	12
	A minimum of 6 semester hours from the following art areas: Photography, Computer Graphics, Illustration, Digital Design, Multimedia Production	6
	Total Major Prerequisite Requirement Hours:	22
	Total General Education and Major Prerequisite Requirement Hours:	63

Professional Course Requirements

	Course	Hours
	AR 300 Art Studio in Critique	3
	AR 331 Digital Photography	3
	AR 335 Topics in Adobe Photoshop	3
	AR 336 Advanced Microscopy and Digital Imaging	3
	AR 404 Art Studio in Photography	3
	AR 410 Adobe Illustrator Design	3
	AR 423 History of Modern Art	3
	AR 424 Late Modern Art History	3
	AR 426 Critical Theories of Today's Art	3
	AR 435 Computer Graphic Design	3
	AR 465 Portfolio, Exhibition and Art Research	3
	Art Electives	12
	Total Professional Requirement Hours:	45

NOTE: Students can take MK 334, Internet Marketing, and AR 405, Interface Design Management, and count them as one of their required professional courses and/or as one elective.

The Art major must complete a minimum of 45 semester hours of art coursework, at least 15 semester hours of which must be taken at Athens State University. At least 18 hours of coursework in the major must be upper-division coursework (300/400 level). All students will be required to exhibit their work on campus during their final term before graduation.

Minor (Required)

		Hours
	Required courses for minor A minor in Art History or Marketing is recommended. A minor is not required for students completing requirements for either a second degree in Art or a second major in Art.	18

		Hours
	Total Hours Required for Completion of Art Major – Computer Graphics Option	126

Bachelor of Arts - Art Major: Studio Arts Option

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Arts degree with a major in Art – Studio Arts Option:

Applicable General University Requirements

Students earning the Bachelor of Arts (BA) degree with a major in Art – Studio Arts Option must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural sciences (lab-based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	HU 321 Research Sources and Skills or the equivalent	1
	Art Electives	6
	General Electives	12
	Total Major Prerequisite Requirement Hours:	22
	Total General Education and Major Prerequisite Requirement Hours:	63

Professional Course Requirements

	Course	Hours
	AR 300 Art Studio in Critique	3
	AR 301 Painting	3
	AR 311 Landscape Painting and Drawing or AR 314 Topic in Watercolor	3
	AR 312 Figure Drawing	3
	AR 315 Topics in Ceramic or AR 317 Ceramic Sculpture	3
	AR 331 Digital Photography	3
	AR 408 Printmaking	3
	AR 420 Art Studio	3
	AR 423 History of Modern Art	3
	AR 424 Late Modern Art History	3
	AR 426 Critical Theories of Today's Art	3
	AR 430 Advanced Drawing and Design	3
	AR 461 Special Workshop in Sculpture	3
	AR 465 Portfolio, Exhibition and Art Research	3
	Art Elective	3
	Total Professional Requirement Hours:	45

The Art major must complete a minimum of 45 semester hours of art coursework, at least 15 semester hours of which must be taken at Athens State University. At least 18 hours of coursework in the major must be upper-division coursework (300/400 level). All students will be required to exhibit their work on campus during their final term before graduation.

Minor (Required)

		Hours
	Required courses for minor A minor in Art History is recommended. A minor is not required for students completing requirements for either a second degree in Art or a second major in Art.	18

		Hours
	Total Hours Required for Completion of Art Major – Studio Arts Option	126

Bachelor of Arts - Art Major: Licensure and Certification Track for Teaching Art in Grades P-12

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Arts degree with a major in Art – Licensure/Certification Track:

Applicable General University Requirements

Students earning the Bachelor of Arts (BA) degree with a major in Art – Licensure and Certification Track must satisfy all general university requirements and meet all financial obligations before a degree is awarded. **Additional requirements for this program are:**

- Students must maintain an institutional GPA of at least 2.50, **and** a minimum GPA of 2.50 in the Professional Courses. A minimum GPA of 2.75 is required in the Courses for Licensure/Certification. This is a requirement for student teaching and for graduation.
- Students must have a minimum grade of “C” in any required courses, regardless of whether GPA standards are fulfilled.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	Fine arts course	3
	Speech (SPH 106, 107) course	3
	At least one literature course*	3
	Other courses in humanities or fine arts	3
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural sciences (lab-based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	Human Growth and Development course or the equivalent	3
	At least one history course*	3
	Other courses in history or behavioral/social science	6
	*Students must complete a 6 hour sequence either in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	Art Electives	9
	General Electives	8
	Total Major Prerequisite Requirement Hours:	20
	Total General Education and Major Prerequisite Requirement Hours:	61

Professional Course Requirements

Course	Hours
AR 301 Painting	3
AR 310 Fine Arts Connection	3
AR 312 Figure Drawing	3
AR 315 Topics in Ceramic or AR 317 Ceramic Sculpture	3
AR 331 Digital Photography	3
AR 408 Printmaking	3
AR 423 History of Modern Art	3
AR 424 Late Modern Art History	3
<u>AR 465 Portfolio, Exhibition and Art Research</u>	3
Art Elective (300/400 level)	3
Total Professional Requirement Hours:	30

Required Courses for Licensure/Certification

Course	Hours
ED 301 Foundations of Education I	3
ED 302 Foundations of Education II	3
ED 305 Technology & Media in Education	3
ED 322 Basic Principles of ELL Education	3
<u>ED 359 Assessment/Evaluation Art</u>	3
<u>ED 360 Classroom Management P-12</u>	3
SE 301 Introduction to Exceptional Learners	3
<u>AR 455 Materials and Methods of Teaching Art in P-12</u>	3
<u>AR 451 Internship in Art P-12</u>	9
Total Licensure/Certification Requirement Hours:	33

Courses boldfaced and underlined in any of the tables above require admission to the Teacher Education Program (TEP) and may not be fulfilled by substituting courses completed at another college or university.

To submit a substitution request for other professional and certification courses completed at another college or university, students are required to provide an electronic copy of the course syllabus and/or description to their faculty advisor. This is an Alabama State Department of Education requirement. The Alabama State Department of Education ultimately decides whether or not a course will count as a substitution for an Athens State course after the syllabus and supporting documentation is evaluated.

	Hours
Total Hours Required for Completion of Art Major – Licensure/Certification Track	124

BEHAVIORAL SCIENCE

The degree program in Behavioral Science is a joint degree between the fields of Psychology and Sociology. Core courses in each discipline are taken to provide the student with the option of seeking employment after graduation or to pursue graduate training. The Department goals are aimed at: (1) enhancing the student's understanding of human services settings through a broad knowledge base of applied and clinical areas of human behavior; (2) instilling an appreciation for the ethical principles governing the fields of psychology, social work, and counseling; (3) cultivating life-long learning through proficient use of technology and information; (4) developing reasoning and analytical skills, and (5) communicating effectively orally and in writing.

Bachelor of Science - Behavioral Science Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Behavioral Science:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Behavioral Science must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural sciences (lab-based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
Total General Education Requirement Hours:		41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	HU 321 Research Sources and Skills or the equivalent	1
	General Electives	19
Total Major Prerequisite Requirement Hours:		23
Total General Education and Major Prerequisite Requirement Hours:		64

Professional Course Requirements

	Course	Hours
	PS 304 Drugs and Behavior	3
	PS 331 Social Psychology	3
	PS 332 Child Psychology <u>or</u> PS 334 Adolescent Psychology <u>or</u> PS 335 Adult Psychology	3
	PS 341 Statistics with Advanced Topics in Behavioral Science	3
	PS 352 Abnormal Psychology	3
	Psychology Elective	3
	SO 312 Majority/Minority Group Relations	3
	SO 342 Methods of Behavioral Science Research	3
	SO 360 Contemporary American Family	3
	SO 361 Social Analysis	3
	SO 362 Deviant Social Behavior	3
	PS/SO 499 Thinking, Writing, and Speaking in the Behavioral Sciences	3
	Sociology Elective	3
	Total Professional Requirement Hours:	39

A minor is not required.

Exit Exam: An exit exam is required for graduation and is administered in PS/SO 499. The departmental exit exam covers theories and concepts from all areas of the curriculum.

		Hours
	General Electives	21
	The behavioral science major is encouraged to select electives related to work in the human services field. Such electives would include additional psychology and sociology courses, but no more than 12 hours in these areas, and courses in Human Anatomy and Physiology, Human Sexuality, and Criminal Justice.	

		Hours
	Total Hours Required for Completion of Behavioral Science Major:	124

BIOLOGY (BI)

The degree programs in Biology prepare students for careers in research and technical areas requiring a baccalaureate degree and for pursuing graduate studies through comprehensive science education encompassing standard academic courses in biology, chemistry, mathematics, and computer science. Program graduates have the skills and competencies to gain employment in government and industry careers requiring a knowledge base in biology, including medical and other health-related fields, seek admission to graduate and/or professional programs, and teach science at the secondary school level. The Biology programs include majors leading to the Bachelor of Science degree and to the Bachelor of Science degree with teacher licensure (6-12). Biology and Marine Science minors also are offered.

Bachelor of Science - Biology Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Biology:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Biology must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Precalculus Algebra or higher mathematics course	3
	Principles of Biology I and II	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
Total General Education Requirement Hours:		41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	College Chemistry I	4
	College Chemistry II	4
	Biology <u>or</u> Chemistry Elective	4
	Elementary Statistics <u>or</u> Calculus I	3-4
	Fundamentals of Organic Chemistry <u>or</u> Organic Chemistry I	3-4
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	HU 321 Research Sources and Skills or the equivalent	1
Total Major Prerequisite Requirement Hours:		22-24
Total General Education and Major Prerequisite Requirement Hours:		63-65

Professional Course Requirements

	Course	Hours
	BI 301/BI 301L Cell Structure and Function	4
	BI 302/BI 302L Genetics	4
	BI 303/BI 303L General Ecology <u>or</u> BI 453/BI 453L Plant Ecology*	4
	BI 470 Biology Capstone	1
	Biology elective courses at the 300/400 level approved by faculty advisor	18
	*Students may take both ecology courses (BI 303/BI 303L and BI 453/BI 453L) and count one as a biology elective.	
	Total Professional Requirement Hours:	31

The Biology major must complete at least 12 semester hours of upper division coursework at Athens State University. The major who plans to attend graduate, medical, or other professional (e.g., veterinary, chiropractic, optometry, pharmacy) school, or who seeks special licensure or certification (e.g., physical therapist, wildlife biologist) should determine the specific recommendations or requirements of the particular school, licensing or certifying agency for science and mathematics coursework and complete the recommended or required coursework. A program of study tailored to meet specific recommendations and/or requirements for science and mathematics coursework then will be developed for the major in consultation with the faculty advisor. The following courses or their equivalents are frequently recommended or required: Calculus I, II (MA 303, 304); Organic Chemistry (CH 311, 312); and Biochemistry (BI 409 or CH 409).

Exit Exam: An exit exam is required for graduation and is administered in BI 470 Biology Capstone. The examination serves the following purposes:

- Establishes a benchmark for assessing knowledge gained as a result of completing the biology major at Athens State University;
- Assesses preparedness for graduate study or for admission to professional school; and
- Assesses preparedness for a career as a biologist.

There is no cost for taking the examinations, nor is it necessary to undertake any special preparation for the examination. Exit examination questions are drawn from the following areas: Cellular Biology, Ecology (including Field Ecology), Genetics, Vascular and Non-vascular Botany, and Invertebrate and Vertebrate Biology.

Minor (Required)

		Hours
	Required Courses for Minor	18

		Hours
	General Electives	12

		Hours
	Total Hours Required for Completion of Biology Major:	124-126

Marine Environmental Sciences Consortium

Athens State University is a member of the Marine Environmental Sciences Consortium (MESC), based at Dauphin Island, Alabama. This affiliation offers Athens State University students an opportunity to take courses and conduct research in estuarine and marine environments. Courses offered during the summer at Dauphin Island Sea Lab may be taken for credit at Athens State University toward a major or minor in biology or a minor in marine science. All programs of study that involve marine science courses must be approved by the MESC liaison. A Dauphin Island Sea Lab Information Bulletin listing summer school course offerings can be obtained early in the spring semester from an Athens State faculty member in Biology. Active courses of undergraduate instruction sponsored by the MESC include the following:

Coastal Birds of Alabama	Coral Reef Ecology	Marine Technical Methods
Marine Biology	Oceanology of the Gulf of Mexico	Coastal Geomorphology
Marine Invertebrate Zoology	Advanced Anatomy & Evolution of Marine Fishes	Coastal Climatology
Marine Botany	Marine Aquaculture	Marine Geology
Introduction to Neurobiology	Coastal Zone Management	Marine Ecology
Marine Fish Diseases	Dolphins and Whales	Marine Vertebrate Zoology
Introduction to Oceanography	Marine Behavioral Ecology	

Bachelor of Science - Biology Major: Licensure and Certification Track for Teaching in Secondary Education, Grades 6-12

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Biology – Licensure/Certification Track:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Biology – Licensure and Certification Track must satisfy all general University requirements and meet all financial obligations before a degree is awarded. **Additional requirements for this program are:**

- Students must maintain an institutional GPA of at least 2.50, **and** a minimum GPA of 2.50 in the Professional Courses. A minimum GPA of 2.75 is required in the Courses for Licensure/Certification. This is a requirement for student teaching and for graduation.
- Students must have a minimum grade of “C” in any required courses, regardless of whether GPA standards are fulfilled.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	Fine arts course	3
	Speech (SPH 106, 107) course	3
	At least one literature course*	3
	Other course in humanities or fine arts	3
III	Mathematics and Natural Sciences (11 hours total)	
	Precalculus Algebra or higher mathematics course	3
	Principles of Biology I and II	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	General psychology course	3
	At least one history course*	3
	Other courses in history or behavioral/social science	6
	*Students must complete a 6 hour sequence either in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

Discipline/Course	Hours
College Chemistry I	4
College Chemistry II	4
Biology or Chemistry Elective	4
Elementary Statistics or Calculus I	3-4
Fundamentals of Organic Chemistry or Organic Chemistry I	3-4
Electives	3-5
Total Major Prerequisite Requirement Hours:	21-25
Total General Education and Major Prerequisite Requirement Hours:	62-66

Professional Course Requirements

	Course	Hours
	BI 301/BI 301L Cell Structure and Function	4
	BI 302/BI 302L Genetics	4
	BI 303/BI 303L General Ecology	4
	Biology elective courses at the 300/400 level approved by faculty advisor	18
	Total Professional Requirement Hours:	30

The Biology major must complete at least 12 semester hours of upper division coursework at Athens State University.

Required Courses for Licensure/Certification

	Course	Hours
	ED 301 Foundations of Education I	3
	ED 302 Foundations of Education II	3
	ED 305 Technology & Media in Education	3
	<u>SC 331 Classroom Management in Secondary Education</u>	3
	<u>SC 333 Teaching Reading/Writing in the Content Areas</u>	3
	<u>SC 362 Assessment and Evaluation in Secondary Education</u>	3
	PS 334 Adolescent Psychology	3
	SE 301 Introduction to Exceptional Learners	3
	<u>BI 456 Materials/Methods of Teaching Biology in the Middle School/High School</u>	3
	<u>SC 486 Internship in High School Education</u>	9
	Total Licensure/Certification Requirement Hours:	36

Courses boldfaced and underlined in any of the tables above require admission to the Teacher Education Program (TEP) and may not be fulfilled by substituting courses completed at another college or university.

To submit a substitution request for other professional and certification courses completed at another college or university, students are required to provide an electronic copy of the course syllabus and/or description to their faculty advisor. This is an Alabama State Department of Education requirement. The Alabama State Department of Education ultimately decides whether or not a course will count as a substitution for an Athens State course after the syllabus and supporting documentation is evaluated.

	Hours
Total Hours Required for Completion of Biology Major – Licensure/Certification Track:	128-132

CHEMISTRY (CH)

The degree programs in Chemistry prepare students for careers in industry or government, graduate or professional study, or secondary school teaching. By means of a rigorous program of chemistry courses through formal classroom instruction, laboratory exercises involving wet chemistry, instrumentation, and computer software packages, directed study, and research, students obtain a strong academic background in chemistry and its applications. The curriculum offers flexibility for students to design and prepare for their chosen career or educational path by selecting appropriate electives based on their particular area of interest. The program's goals are aimed at: (1) providing a knowledge base of chemistry theory and concepts; (2) teaching a systematic, thoughtful approach to problem solving; and (3) having graduates communicate scientific information clearly and concisely.

Bachelor of Science - Chemistry Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Chemistry:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Chemistry must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (12 hours total)	
	Calculus I*	4
	College Chemistry I and II	8
	*Prerequisites: Precalculus Algebra and Precalculus Trigonometry	
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
	Total General Education Requirement Hours:	42

Major Prerequisite (Pre-Professional) Course Requirements

Discipline/Course	Hours
Calculus II	4
Calculus III	4
General Physics I (calculus-based)	4
General Physics II (calculus-based)	4
Microcomputer Applications course	3
HU 321 Research Sources and Skills or the equivalent	1
Electives	2
Total Major Prerequisite Requirement Hours:	22
Total General Education and Major Prerequisite Requirement Hours:	64

Professional Course Requirements

	Course	Hours
	CH 311/CH 311L Organic Chemistry I	5
	CH 312/CH 312L Organic Chemistry II	5
	CH 314 /CH 314L Polymer Science*	4
	CH 324/CH 324L Analytical Chemistry	4
	CH 330 Environmental Chemistry*	3
	CH 410/CH 410L Instrumental Analysis	4
	CH 420 Intermediate Inorganic Chemistry	3
	CH 430/CH 430L Physical Chemistry I	5
	CH 431/CH 431L Physical Chemistry II	4
	* Students who plan to attend medical school or health related professional (e.g., veterinary, chiropractic, osteopathic, pharmacy) schools may substitute CH 409 Biochemistry for either CH 314 or CH 330.	
	Total Professional Requirement Hours:	36-37

The chemistry major must complete a minimum of 24 semester hours of upper division 300/400 level chemistry coursework at Athens State University. For those students who plan to attend graduate, medical, or other professional school, the following courses are recommended: CH 409 Biochemistry; MA 321 Differential Equations.

Exit Exam: During the final term of enrollment at Athens State, the chemistry major must complete the major field achievement examination for chemistry.

A minor is not required.

		Hours
	General Electives	27

		Hours
	Total Hours Required for Completion of Chemistry Major:	127-128

Bachelor of Science - Chemistry Major: Licensure and Certification Track for Teaching in Secondary Education, Grades 6-12

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Chemistry – Licensure/Certification Track:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Chemistry – Licensure and Certification Track must satisfy all general University requirements and meet all financial obligations before a degree is awarded. **Additional requirements for this program are:**

- Students must maintain an institutional GPA of at least 2.50, **and** a minimum GPA of 2.50 in the Professional Courses. A minimum GPA of 2.75 is required in the Courses for Licensure/Certification. This is a requirement for student teaching and for graduation.
- Students must have a minimum grade of “C” in any required courses, regardless of whether GPA standards are fulfilled.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	Fine arts course	3
	Speech (SPH 106, 107) course	3
	At least one literature course*	3
	Other course in humanities or fine arts	3
III	Mathematics and Natural Sciences (11 hours total)	
	Calculus I**	4
	College Chemistry I and II	8
	**Prerequisites: Precalculus Algebra and Precalculus Trigonometry	
IV	History/Behavioral and Social Sciences (12 hours total)	
	General psychology course	3
	At least one history course*	3
	Other courses in history or behavioral/social science	6
	*Students must complete a 6 hour sequence either in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	42

Major Prerequisite (Pre-Professional) Course Requirements

Discipline/Course	Hours
Calculus II	4
Calculus III	4
General Physics I (Calculus based)	4
General Physics II (Calculus based)	4
Electives	6
Total Major Prerequisite Requirement Hours:	22
Total General Education and Major Prerequisite Requirement Hours:	64

Professional Course Requirements

Course	Hours
CH 311/CH 311L Organic Chemistry I	5
CH 312/CH 312L Organic Chemistry II	5
CH 324/CH 324L Analytical Chemistry	4
CH 330 Environmental Chemistry	3
CH 409 Biochemistry	3
CH 410/CH 410L Instrumental Analysis	4
CH 420 Intermediate Inorganic Chemistry	3
CH 430/CH 430L Physical Chemistry I	5
CH 431/CH 431L Physical Chemistry II	4
Total Professional Requirement Hours:	36

The chemistry major must complete a minimum, of 24 semester hours of upper division 300/400 level chemistry coursework at Athens State University.

Exit Exam: During the final term of enrollment at Athens State, the chemistry major must complete the major field achievement examination for chemistry.

Required Courses for Licensure/Certification

Course	Hours
ED 301 Foundations of Education I	3
ED 302 Foundations of Education II	3
ED 305 Technology & Media in Education	3
<u>SC 331 Classroom Management in Secondary Education</u>	3
<u>SC 333 Teaching Reading/Writing in the Content Areas</u>	3
<u>SC 362 Assessment and Evaluation in Secondary Education</u>	3
PS 334 Adolescent Psychology	3
SE 301 Introduction to Exceptional Learners	3
<u>CH 456 Materials/Methods of Teaching Chemistry in the Middle School/High School</u>	3
<u>SC 486 Internship in High School Education</u>	9
Total Licensure/Certification Requirement Hours:	36

Courses boldfaced and underlined in any of the tables above require admission to the Teacher Education Program (TEP) and may **not** be fulfilled by substituting courses completed at another college or university.

To submit a substitution request for other professional and certification courses completed at another college or university, students are required to provide an electronic copy of the course syllabus and/or description to their faculty advisor. This is an Alabama State Department of Education requirement. The Alabama State Department of Education ultimately decides whether or not a course will count as a substitution for an Athens State course after the syllabus and supporting documentation is evaluated.

	Hours
Total Hours Required for Completion of Chemistry Major – Licensure/Certification Track:	136

COMPUTER SCIENCE (CS)

The degree programs in Computer Science provide students with a strong foundation in programming, problem analysis, problem solving, and software engineering, significantly supplemented with practical experience using hardware and software resources available in contemporary computer laboratories maintained by the Department. There are three Computer Science degree options: Computer Science (CS option), Computer Information Systems (CIS Option) and Computer Networking (CN Option). The CS curriculum is designed to prepare students for business and industry or graduate school. The CIS option provides students with a foundation in business and information systems to complement the core requirements in problem solving and programming in a business environment. The goal of this curriculum is to prepare the student for industry as a technically oriented member of an information systems development team. The CN option focuses on the technical aspects of computer networking. The combination of the CN option and the structured programming features found in both the CS and CIS curricula should enable a student to be well prepared and competitive in business and industry.

The Computer Science Department adheres to the following requirements related to course substitutions for all three Computer Science options:

- No RPG or computer applications courses will substitute for any major pre-professional or professional computer science required coursework.
- Not more than 3 semester hours of FORTRAN will substitute for any major pre-professional or professional computer science required coursework.
- Introduction to Information Systems and BASIC Programming courses will not satisfy the Computer Science professional elective requirement.
- "System Analysis and Design" courses cannot be substituted for CS 451 or CS 452.
- "Work-based" credit cannot be substituted for CS 451 or CS 452 or CN courses.
- Computer certification examinations will not substitute for any required or elective coursework.

Bachelor of Science - Computer Science Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Computer Science:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Computer Science must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Precalculus Algebra or Precalculus Algebra and Trigonometry	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
Total General Education Requirement Hours:		41

Major Prerequisite (Pre-Professional) Course Requirements

Discipline/Course	Hours
Precalculus Trigonometry*	3
Calculus I	4
Calculus II	4
Calculus III	4
Microcomputer Applications	3
Computer Programming Course	3
HU 321 Research Sources and Skills <u>or</u> the equivalent	1
General Electives*	0-1
*If Precalculus Algebra (3 hours) is completed to satisfy the Area III mathematics requirement, the student should complete Precalculus Trigonometry (3 hours) in addition to Precalculus Algebra. Completion of Precalculus Algebra and Trigonometry (4 hours) will satisfy both the Area III mathematics requirement and the Area V requirement for Trigonometry. If the 4 hour Precalculus course has been taken, additional general electives may be required.	
Total Major Prerequisite Requirement Hours:	22-23
Total General Education and Major Prerequisite Requirement Hours: 63-64	

Professional Course Requirements

Course	Hours
MA 308 Discrete Mathematics	3
MA 331 Applied Probability and Statistics	3
CIS 440 Database Systems	3
CN 301 Networking Fundamentals	2
CN 302 Local Area Networks	2
CS 309 Introduction to Digital Logic Design	3
CS 309L Digital Design Lab	1
CS 317 Computer Science I	3
CS 318 Computer Science II	3
CS 340 Introduction to Assembly Language	3
CS 372 Data Structures	3
CS 414 Programming Language	3
CS 415 Operating Systems	3
CS 417 Topics in Object Oriented Programming	3
CS 451 Software Engineering	3
CS 452 Senior Software Engineering Project	3
CS 452L Senior Software Engineering Project Lab	1
CS 472 Algorithm Analysis	3
Upper Level 300/400 Computer Science Electives approved by faculty advisor	6
Upper Level 300/400 Computer Science and Mathematics Electives (MA 310, MA 316, MA 320 or 400 level MA courses except MA 454) approved by faculty advisor	6
Total Professional Requirement Hours:	60

The computer science major must complete a minimum of 24 semester hours of upper division 300/400 level coursework in computer science (CS), Computer Information Systems (CIS), or Computer Networking (CN) at Athens State University. At least 6 semester hours of CS, CIS, or CN electives must be completed at Athens State University.

Exit Exam: An exit exam is required for graduation. The departmental exit exam will be taken while enrolled in CS 452 Senior Software Engineering Project.

A minor is not required.

		Hours
	General Electives	1-4

		Hours
	Total Hours Required for Completion of Computer Science Major:	124-128

Bachelor of Science - Computer Science Major: Computer Information Systems Option

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Computer Science - Computer Information Systems Option:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Computer Science – Computer Information Systems Option must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Precalculus Algebra or higher mathematics course	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Economics (ECO 231 Principles of Economics) or the equivalent	3
	Other courses in history or behavioral/social science	6
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	Business Calculus	3
	Principles of Accounting	3
	Statistical Methods of Business I	3
	Microcomputer Applications	3
	Web Programming or Web Development course	3
	Computer Programming Courses (any language)	6
	HU 321 Research Sources and Skills or the equivalent	1
	General Electives	0-1
	Total Major Prerequisite Requirement Hours:	22-23
	Total General Education and Major Prerequisite Requirement Hours:	63-64

Professional Course Requirements

	Course	Hours
	CIS 325 The Digital Enterprise	3
	CIS 365 Visual Application Development	3
	CIS 440 Database Systems	3
	CIS 450 Human-Computer Interaction	3
	CS 309 Introduction to Digital Logic Design	3
	CS 309L Digital Design Lab	1
	CS 317 Computer Science I	3
	CS 318 Computer Science II	3
	CS 372 Data Structures	3
	CS 451 Software Engineering	3
	CS 452 Senior Software Engineering Project	3
	CS 452L Senior Software Engineering Project Lab	1
	MA 308 Discrete Mathematics	3
	MG 346 Principles of Management and Leadership	3
	MG 350 Financial Management	3
	MG 353 Project Management	3
	MK 331 Marketing Principles	3
	Upper Level 300/400 Computer Science Electives (CS, CIS, CN) approved by faculty advisor	6
	Total Professional Requirement Hours:	53

The Computer Information Systems major must complete a minimum of 24 semester hours of upper division 300/400 level coursework in Computer Science (CS), Computer Information Systems (CIS), or Computer Networking (CN) at Athens State. At least 6 semester hours of CS, CIS, or CN electives must be completed at Athens State University.

Exit Exam: An exit exam is required for graduation. The departmental exit exam shall be taken while enrolled in CS 452, Senior Software Engineering Project.

A minor is not required.

		Hours
	General Electives	8-11

		Hours
	Total Hours Required for Completion of Computer Science Major - Computer Information Systems Option	124-128

Bachelor of Science - Computer Science Major: Computer Networking Option

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Computer Science - Computer Networking Option:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Computer Science – Computer Networking Option must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Precalculus Algebra or higher mathematics course	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
Total General Education Requirement Hours:		41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	Calculus I or Business Calculus	3-4
	Principles of Accounting	3
	Statistical Methods of Business I	3
	Microcomputer Applications	3
	Computer Programming Courses (any language)	6
	HU 321 Research Sources and Skills or the equivalent	1
	General Electives	0-3
Total Major Prerequisite Requirement Hours:		19-23
Total General Education and Major Prerequisite Requirement Hours:		60-64

Professional Course Requirements

	Course	Hours
	CN 301 Network Fundamentals	2
	CN 302 Local Area Networks	2
	CN 303 Wide Area Networks	2
	CN 304 Network Architectures	2
	CN 401 Internetworking Devices	2
	CN 402 The Internet	2
	CN 403 Network Processes and Protocols	2
	CN 404 Enterprise Network Design and Management	2
	CS 309 Introduction to Digital Logic Design	3
	CS 309L Digital Design Lab	1
	CS 317 Computer Science I	3
	CS 318 Computer Science II	3
	CS 340 Introduction to Assembly Language	3
	CS 372 Data Structures	3
	CS 409 Computer Organization and Architecture	3
	CS 415 Operating Systems	3
	CS 451 Software Engineering	3
	CS 452 Senior Software Engineering Project	3
	CS 452L Senior Software Engineering Project Lab	1
	MA 308 Discrete Mathematics	3
	Upper Level 300/400 Computer Science Elective (CS, CIS, CN) approved by faculty advisor	3
	Upper Level 300/400 Computer Science or Mathematics Elective (MA 310, MA 316, MA 320 or 400 level MA courses except MA 454) approved by faculty advisor	3
	Total Professional Requirement Hours:	54

The Computer Networking major must complete a minimum of 24 semester hours of upper division 300/400 level coursework in Computer Science (CS), Computer Information Systems (CIS), or Computer Networking (CN) at Athens State University. At least 6 semester hours of CS, CIS, CN or Math electives must be completed at Athens State University.

Exit Exam: An exit exam is required for graduation. The departmental exit exam shall be taken while enrolled in CS 452, Senior Software Engineering Project.

A minor is not required.

		Hours
	General Electives	10

		Hours
	Total Hours Required for Completion of Computer Science Major - Computer Networking Option	124-128

CRIMINAL JUSTICE (CJ)

The degree program in Criminal Justice provides students with a knowledge base of the criminal law process, theoretical concepts of crime causation and control, and policymaking and management practices within criminal justice agencies. Program graduates have the skills and competencies to pursue graduate studies in the criminal justice field or gain employment in positions in law enforcement, correctional administration, judicial administration, probation/parole, and security in government and private sectors.

Bachelor of Science – Criminal Justice Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components of the Bachelor of Science degree with a major in Criminal Justice:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Criminal Justice must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
Total General Education Requirement Hours:		41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	Introduction to Criminal Justice	3
	Law Enforcement or Policing or Corrections or Security	3
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	HU 321 Research Sources and Skills or the equivalent	1
	General Electives	13
Total Major Prerequisite Requirement Hours:		23
Total General Education and Major Prerequisite Requirement Hours:		64

Professional Course Requirements

	Course	Hours
	CJ 301 Criminal Justice Process	3
	CJ/PO 302 Criminal Law	3
	CJ 400 Law Enforcement in America	3
	CJ/SO 401 Adult Corrections	3
	CJ/SO 452 Advanced Criminology	3
	PO 303 Comparative State and Local Government	3
	PO/PS/SO 342 Methods of Behavioral Science Research or PSHA 401 Measurement and Evaluation	3
	MG/PSHA/PO 377 Public Administration	3
	CJ/PO/PSHA 455 Public Administration Ethics	3
	CJ 464 Internship in Criminal Justice	3
	CJ 465 Senior Research Project	4
	Criminal Justice Electives	6
	Total Professional Requirement Hours:	40

A minimum of 27 semester hours of upper division CJ/PO/PSHA coursework must be completed at Athens State University.

A minor is not required.

	Hours
General Electives	24

	Hours
Total Hours Required for Completion of Criminal Justice Major	128

ENGLISH (EH)

The degree programs in English aspire to foster life-long learning through expanding literacy and opportunities and an ever-widening understanding of ideas, people, cultures, and histories that shape humanity. The program emphasizes the varied language arts, particularly drama, literature, speech, and writing, and promotes critical reading of literature from a wide range of diverse authors and genres, as well as through analytic and creative writing. Through rigorous coursework, English majors develop their abilities to think clearly, reach well-reasoned decisions, improve self-esteem, and take active and responsible roles in their communities. Program graduates have the skills and competencies to pursue further studies, teach English/Language Arts at the secondary school level, or enter a wide range of career fields.

Bachelor of Arts - English Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Arts degree with a major in English:

Applicable General University Requirements

Students earning the Bachelor of Arts (BA) degree with a major in English must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	HU 321 Research Sources and Skills or the equivalent	1
	General Electives	15
	Total Major Prerequisite Requirement Hours:	19
	Total General Education and Major Prerequisite Requirement Hours:	60

Professional Course Requirements

	Course	Hours
	EH 312 Dramatic Literature	3
	EH 325 Myth: Ritual and Culture	3
	EH 330 Literary and Critical Theory	3
	EH 414 History of the English Language	3
	EH 425 Shakespeare	3
	EH 431 Poetry and Poetics	3
	EH 433 Fiction	3
	EH 452 Chaucer and Medieval Literature	3
	EH 469 English Capstone Seminar (must be taken during semester in which student graduates)	1
	Electives in English approved by faculty advisor	15
	Total Professional Requirement Hours:	40

Exit Exam: All B.A. English majors must take an exit exam, which will be administered in the EH 469 English Capstone Seminar.

Minor (Required)

		Hours
	Required courses for minor	18

		Hours
	General Electives	6

		Hours
	Total Hours Required for Completion of English Major	124

Bachelor of Arts - English Major: Licensure and Certification Track for Teaching in Secondary Education, Grades 6-12

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in English – Licensure/Certification Track:

Applicable General University Requirements

Students earning the Bachelor of Arts (BA) degree with a major in English – Licensure and Certification Track must satisfy all general University requirements and meet all financial obligations before a degree is awarded. **Additional requirements for this program are:**

- Students must maintain an institutional GPA of at least 2.50, **and** a minimum GPA of 2.50 in the Professional Courses. A minimum GPA of 2.75 is required in the Courses for Licensure/Certification. This is a requirement for student teaching and for graduation.
- Students must have a minimum grade of “C” in any required courses, regardless of whether GPA standards are fulfilled.
- Students must complete the 18 semester hours in Literature sequences as required in the General Education and Major Prerequisite Requirements before being admitted to the Teacher Education Program.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	ENG 261 English Literature I	3
	ENG 262 English Literature II	3
	Speech (SPH 106, 107) course	3
	THR120 Theatre Appreciation or THR 126 Introduction to Theatre	3
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural sciences (lab-based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	General psychology course	3
	History course	3
	Other courses in social/behavioral science	6
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	ENG 251 American Literature I	3
	ENG 252 American Literature II	3
	ENG 271 World Literature I	3
	ENG 272 World Literature II	3
	General Electives	9
	Total Major Prerequisite Requirement Hours:	21
	Total General Education and Major Prerequisite Requirement Hours:	62

Professional Course Requirements

	Course	Hours
	EH 303 Journalism	3
	EH 311 Drama Production	3
	EH 312 Dramatic Literature	3
	EH 320 Grammar for Teachers	3
	EH 325 Myth: Ritual and Culture or EH 454 Young Adult Literature	3
	EH 401 Speech: Conflict Management	3
	EH 414 History of the English Language	3
	EH 425 Shakespeare	3
	EH 431 Poetry and Poetics	3
	EH 433 Fiction or EH 316 American Masterpieces	3
	EH 452 Chaucer and Medieval Literature	3
	Total Professional Requirement Hours:	33

Required Courses for Licensure/Certification

	Course	Hours
	ED 301 Foundations of Education I	3
	ED 302 Foundations of Education II	3
	ED 305 Technology & Media in Education	3
	<u>SC 331 Classroom Management in Secondary Education</u>	3
	<u>SC 333 Teaching Reading/Writing in the Content Areas</u>	3
	<u>SC 362 Assessment and Evaluation in Secondary Education</u>	3
	PS 334 Adolescent Psychology	3
	SE 301 Introduction to Exceptional Learners	3
	<u>EH 457 Materials/Methods of Teaching English/Language Arts in the Middle School/High School</u>	3
	<u>SC 486 Internship in High School Education</u>	9
	Total Licensure/Certification Requirement Hours:	36

Courses boldfaced and underlined in any of the tables above require admission to the Teacher Education Program (TEP) and may **not** be fulfilled by substituting courses completed at another college or university.

To submit a substitution request for other professional and certification courses completed at another college or university, students are required to provide an electronic copy of the course syllabus and/or description to their faculty advisor. This is an Alabama State Department of Education requirement. The Alabama State Department of Education ultimately decides whether or not a course will count as a substitution for an Athens State course after the syllabus and supporting documentation is evaluated.

	Hours
Total Hours Required for Completion of English Major – Licensure/Certification Track	131

HEALTH SCIENCE (HS)

The Health Science program culminates in a baccalaureate degree for nursing professionals or for students certified in allied health fields, including, but not limited to dental hygiene, medical records, medical technology, health physics or animal health technology. Program graduates will possess the skills and competencies necessary to analyze core elements of health care policies and develop effective strategies to ensure that quality health care is provided.

Bachelor of Science - Health Science Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Health Science:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Health Science must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Precalculus Algebra or higher mathematics course	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
Total General Education Requirement Hours:		41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	Biology, Chemistry, and/or Physics courses	16
	HU 321 Research Sources and Skills or the equivalent	1
	General Electives	3
Total Major Prerequisite Requirement Hours:		23
Total General Education and Major Prerequisite Requirement Hours:		64

Professional Course Requirements

	Course	Hours
	HCM 340 Introduction to Health Care Systems	3
	HCM 345 Management of Health Care Organizations	3
	HCM 355 Survey of Issues in Health Care Management	3
	GS 320/320L or HPE 320 Nutrition	4
	HS 320 Biomedical Ethics	3
	HS 400 Public Safety and Health Education	3
	HS 447 Public Health Concepts and Systems	3
	HS 450 Introduction to Epidemiology	3
	HS 451 Environmental Health and Safety Systems	3
	PO 355 Health Policy in the United States	3
	PSHA 401 Measurement and Evaluation	3
	PSHA 465 Senior Research Project	4
	Total Professional Requirement Hours:	38

A minor is not required.

		Hours
	General Electives	26

		Hours
	Total Hours Required for Completion of Health Science Major	128

HEALTH AND WELLNESS MANAGEMENT (HWM)

The Bachelor of Science degree in Health and Wellness Management provides students with a strong foundation on the basic biomechanical and physiological principles associated with human movement and the basic wellness concepts conducive to healthy lifestyles. Program graduates will have the skills and competencies necessary to pursue graduate studies, gain employment in a variety of health, fitness, sports medicine, and public safety career fields.

Bachelor of Science - Health and Wellness Management Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Health and Wellness Management:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Health and Wellness Management must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or higher mathematics course	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
Total General Education Requirement Hours:		41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	Foundations of Physical Education or HPE 326 History and Principles of Physical Education	3
	Personal or Community Health	3
	Safety & First Aid or HPE 323 Aquatics and Advanced Lifesaving	3
	Anatomy and Physiology	4
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	Treatment of Athletic Injuries or HPE 333 Care and Prevention of Athletic Injuries	3
	HU 321 Research Sources and Skills or the equivalent	1
	General Electives	3
Total Major Prerequisite Requirement Hours:		23
Total General Education and Major Prerequisite Requirement Hours:		64

Professional Course Requirements

	Course	Hours
	GS 320/320L or HPE 320 Nutrition	4
	HPE 325 Kinesiology	3
	HPE 327 Physiology of Exercise	3
	HPE 355 Health Related Fitness and Nutrition	3
	HPE 356 Health Promotions	3
	HS 450 Introduction to Epidemiology	3
	HS 451 Environmental Health and Safety Systems	3
	MG 349 Human Resources Management	3
	PSHA 354 Contemporary Health and Physical Education Activities	3
	PSHA 401 Measurement and Evaluation	3
	PSHA 447 Public Health Concepts and Systems	3
	PSHA 465 Senior Research Project	4
	Total Professional Requirement Hours:	38

A minor is not required.

		Hours
	General Electives	26

		Hours
	Total Hours Required for Completion of Health and Wellness Management Major	128

HISTORY (HY)

The degree programs in History aim to develop in its students an appreciation of our cultural heritage and an understanding of the world in which we live. Through rigorous coursework, students acquire an understanding of the chief personalities, events, and historical forces that have shaped American history, European history, and various areas of the non-Western world. Program graduates have the skills and competencies to pursue graduate studies, gain employment in positions open to a liberal studies orientation, or teach history at the secondary school level.

Bachelor of Arts - History Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Arts degree with a major in History:

Applicable General University Requirements

Students earning the Bachelor of Arts (BA) degree with a major in History must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
Total General Education Requirement Hours:		41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	The history major should complete a 6 hour sequence in history (Western Civilization, World History, or United States History) in addition to satisfying the Area IV requirement	6
	Electives in History	6
	HU 321 Research Sources and Skills or the equivalent	1
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	General Electives	7
Total Major Prerequisite Requirement Hours:		23
Total General Education and Major Prerequisite Requirement Hours:		64

Professional Course Requirements

	Course	Hours
	American History (300/400 level)	12
	European History (300/400 level)	12
	Non-Western History (300/400 level)	6
	HY 451 Senior History Seminar	3
	Total Professional Requirement Hours:	33

Students majoring in History should be aware that graduate programs in History generally require a reading knowledge of one or two languages.

Minor (Required)

		Hours
	Required courses for minor	18

		Hours
	General Electives	12

		Hours
	Total Hours Required for Completion of History Major	127

Bachelor of Arts - History Major: Licensure and Certification Track for Teaching in Secondary Education, Grades 6-12

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Arts degree with a major in History – Licensure/Certification Track:

Applicable General University Requirements

Students earning the Bachelor of Arts (BA) degree with a major in History – Licensure and Certification Track must satisfy all general University requirements and meet all financial obligations before a degree is awarded. **Additional requirements for this program are:**

- Students must maintain an institutional GPA of at least 2.50, **and** a minimum GPA of 2.50 in the Professional Courses. A minimum GPA of 2.75 is required in the Courses for Licensure/Certification. This is a requirement for student teaching and for graduation.
- Students must have a minimum grade of “C” in any required courses, regardless of whether GPA standards are fulfilled.
- Students must complete the 12 semester hours in History sequences as required in the General Education and Major Prerequisite Requirements before being admitted to the Teacher Education Program.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	Fine arts course	3
	Literature course	3
	Speech (SPH 106, 107) course	3
	Humanities/Fine Arts Elective	3
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or higher mathematics course	3
	Natural sciences (lab-based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	U.S. History I and II	6
	General psychology course	3
	Behavioral Science or Social Science Elective	3
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	History of Western Civilization I and II or World History I and II (must be taken as a sequence)	6
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	General Electives	12
	Total Major Prerequisite Requirement Hours:	21
	Total General Education and Major Prerequisite Requirement Hours:	62

Professional Course Requirements

	Course	Hours
	American History (300/400 level)	12
	European History (300/400 level)	12
	Non-Western History (300/400 level, neither American nor European)	6
	HY 451 Senior History Seminar	3
	Total Professional Requirement Hours:	33

Required Courses for Licensure/Certification

	Course	Hours
	ED 301 Foundations of Education I	3
	ED 302 Foundations of Education II	3
	ED 305 Technology & Media in Education	3
	<u>SC 331 Classroom Management in Secondary Education</u>	3
	<u>SC 333 Teaching Reading/Writing in the Content Areas</u>	3
	<u>SC 362 Assessment and Evaluation in Secondary Education</u>	3
	PS 334 Adolescent Psychology	3
	SE 301 Introduction to Exceptional Learners	3
	HY 302 Alabama History	3
	<u>HY 450 Materials/Methods of Teaching History and Social Sciences in Middle School/High School</u>	3
	<u>SC 486 Internship in High School Education</u>	9
	Total Licensure/Certification Requirement Hours:	39

Courses boldfaced and underlined in any of the tables above require admission to the Teacher Education Program (TEP) and may not be fulfilled by substituting courses completed at another college or university.

To submit a substitution request for other professional and certification courses completed at another college or university, students are required to provide an electronic copy of the course syllabus and/or description to their faculty advisor. This is an Alabama State Department of Education requirement. The Alabama State Department of Education ultimately decides whether or not a course will count as a substitution for an Athens State course after the syllabus and supporting documentation is evaluated.

	Hours
Total Hours Required for Completion of History Major – Licensure/Certification Track	134

LIBERAL STUDIES

The Liberal Studies major is offered through the College of Arts and Sciences but does not fall under any specific academic department. The program is based on an interdisciplinary approach that allows students the flexibility to develop their own unique program of study by taking courses from any one of the Colleges of Arts and Sciences, Business, or Education. Primarily, the program serves the needs of those students seeking to enrich and to satisfy their personal educational goals through non-specialized collegiate study. The curriculum is structured to produce graduates who possess a diverse range of coursework appropriate to any career that demands a college education but is not closely linked to any particular field of study. Program graduates have the skills and competencies to pursue further studies or seek employment.

While generally no specified major courses are required for the Liberal Studies major, the student must comply with all requirements for the Bachelor of Science degree and applicable university requirements (See General University Requirements). Students will be required to select and pass a capstone course of their choice from one of the disciplines offered by the University. Students should make this decision based on advice from the Liberal Studies advisor.

The following limitations apply to the Bachelor of Science in Liberal Studies:

- A minor is not permitted in the Liberal Studies program.
- Liberal Studies may not be considered as a minor to any other degree program.
- Liberal Studies may not be considered as a second major with any other degree program.
- The Bachelor of Science in Liberal Studies degree will be awarded only to students who have not declared a major in another program of study.
- The Bachelor of Science in Liberal Studies degree will not be awarded concurrently with any other major.

Bachelor of Science - Liberal Studies Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Liberal Studies:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Liberal Studies must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	HU 321 Research Sources and Skills or the equivalent	1
	General Electives	19
	Total Major Prerequisite Requirement Hours:	23
	Total General Education and Major Prerequisite Requirement Hours:	64

Professional Course Requirements

	Course	Hours
	General Electives (300/400 level)	59
	HU 450 Liberal Studies Capstone Seminar	1
	Total Professional Requirement Hours:	60

		Hours
	Total Hours Required for Completion of Liberal Studies Major	124

MATHEMATICS (MA)

The degree programs in Mathematics prepare students for careers in government, business, and industry or for pursuing graduate studies. There are two program tracks. Track I is designed to more appropriately prepare students for employment in business and industry or for students who seek a mathematical foundation for graduate study in mathematics. Track II prepares the student to teach mathematics at the secondary school level. Either track qualifies students to pursue graduate studies or assists students to meet the goal of becoming highly qualified in mathematics for certification.

Bachelor of Science - Mathematics Major (Track 1)

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Mathematics (Track 1):

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Mathematics must satisfy all general University requirements and meet all financial obligations before a degree is awarded. **Additional requirements for this program are:**

- Students must maintain a GPA of at least 2.5 in mathematics courses taken at Athens State University.
- To be used towards requirements for the Mathematics major at Athens State, any transfer mathematics courses completed at another college or university must have a grade of "C" or higher.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Precalculus Algebra	3
	Natural Sciences (lab based) (calculus-based Physics I and II recommended)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
Total General Education Requirement Hours:		41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	Precalculus Trigonometry	3
	Calculus I, II, and III	12
	HU 321 Research Sources and Skills or the equivalent	1
Total Major Prerequisite Requirement Hours:		19
Total General Education and Major Prerequisite Requirement Hours:		60

Professional Course Requirements

	Course	Hours
	CS 317 Computer Science I or the equivalent (If a programming course has not been taken prior to CS 317, CS 305 Concepts of Computer Programming should be taken as a general elective before taking CS 317)	3
	MA 308 Discrete Mathematics	3
	MA 310 Matrices and Linear Algebra or the equivalent	3
	MA 320 Introduction to Abstract Algebra	3
	MA 321 Differential Equations	3
	MA 330 Advanced Mathematical Software	3
	MA 431 Introduction to Mathematical Statistics or MA 331 Applied Probability and Statistics (When one of these statistics courses has been taken to satisfy the professional requirements, the other may be taken as a math elective)	3
	MA 470 Senior Mathematics Seminar	3
	300/400 level mathematics electives approved by faculty advisor, including a sequence in either MA 401 Complex Variables and MA 452 Introductory Real Analysis, or MA 423 Numerical Analysis and MA 445 Math Modeling. MA 401 and MA 452 are recommended for those majors planning on attending graduate school.	9
	Total Professional Requirement Hours:	33

MA 314 College Geometry should be taken as a general elective by students seeking Alternative B certification.

The Mathematics major must complete a minimum of 12 semester hours of upper division 300/400 level mathematics coursework at Athens State University.

Exit Exam: An exit exam is required for graduation. The Track I major may choose the PRAXIS II Mathematics Content Test 0061 as their exit exam, or the departmental exit exam may be taken in the MA 470 course. **It is the student's responsibility to register for the exit exam.** If the PRAXIS II exam is chosen, the student should report the results to their advisor.

Minor (Required – must be approved by Mathematics Faculty Advisor)

		Hours
	Required courses for minor	18-24

		Hours
	General Electives (as needed)	13

		Hours
	Total Hours Required for Completion of Mathematics Major (Track 1)	124-130

Bachelor of Science - Mathematics Major (Track 2): Licensure and Certification Track for Teaching in Secondary Education, Grades 6-12

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Mathematics (Track 2) Licensure and Certification Track:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Mathematics – Licensure and Certification Track must satisfy all general University requirements and meet all financial obligations before a degree is awarded. **Additional requirements for this program are:**

- Students must maintain an institutional GPA of at least 2.50, **and** a minimum GPA of 2.50 in the Professional Courses. A minimum GPA of 2.75 is required in the Courses for Licensure/Certification. This is a requirement for student teaching and for graduation.
- Students must have a minimum grade of “C” in any required courses, regardless of whether GPA standards are fulfilled.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	Fine arts course	3
	Speech (SPH 106, 107) course	3
	At least one literature course*	3
	Other courses in humanities or fine arts	3
III	Mathematics and Natural Sciences (11 hours total)	
	Precalculus Algebra	3
	Natural sciences (lab-based) (calculus-based Physics I and II recommended)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	General psychology course	3
	At least one history course*	3
	Other courses in history or behavioral/social science	6
	*Students must complete a 6 hour sequence either in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

Discipline/Course	Hours
CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
Precalculus Trigonometry	3
Calculus I, II, and III	12
General Electives	1-5
Total Major Prerequisite Requirement Hours:	19-23
Total General Education and Major Prerequisite Requirement Hours:	60-64

Professional Course Requirements

	Course	Hours
	Computer programming (CS 317 Computer Science recommended; if a programming course has not been taken prior to CS 317, CS 305 Concepts of Computer Programming should be taken as a general elective before taking CS 317)	3
	MA 308 Discrete Mathematics	3
	MA 310 Matrices and Linear Algebra <u>or</u> the equivalent	3
	MA 314 College Geometry	3
	MA 320 Introduction to Abstract Algebra	3
	MA 330 Advanced Mathematical Software	3
	MA 331 Applied Probability and Statistics	3
	MA 470 Senior Mathematics Seminar	3
	300/400 level mathematics electives approved by faculty advisor (the MA 401/MA 452 sequence is an option encouraged for Track I majors to adequately prepare for graduate level work; Track II majors should strongly consider either one or both of these courses)	9
	Total Professional Requirement Hours:	33

Required Courses for Licensure/Certification

	Course	Hours
	ED 301 Foundations of Education I	3
	ED 302 Foundations of Education II	3
	ED 305 Technology & Media in Education	3
	<u>SC 331 Classroom Management in Secondary Education</u>	3
	<u>SC 333 Teaching Reading/Writing in the Content Areas</u>	3
	<u>SC 362 Assessment and Evaluation in Secondary Education</u>	3
	PS 334 Adolescent Psychology	3
	SE 301 Introduction to Exceptional Learners	3
	<u>MA 454 Materials/Methods of Teaching Mathematics in Middle School/High School</u>	3
	<u>SC 486 Internship in High School Education</u>	9
	Total Licensure/Certification Requirement Hours:	36

Courses boldfaced and underlined in any of the tables above require admission to the Teacher Education Program (TEP) and may not be fulfilled by substituting courses completed at another college or university.

To submit a substitution request for other professional and certification courses completed at another college or university, students are required to provide an electronic copy of the course syllabus and/or description to their faculty advisor. This is an Alabama State Department of Education requirement. The Alabama State Department of Education ultimately decides whether or not a course will count as a substitution for an Athens State course after the syllabus and supporting documentation is evaluated.

If a student, at any time, changes from Track II to Track I, the student must meet the mathematics requirements for Track I; therefore mathematics electives should be chosen carefully. A student may not earn a double major in mathematics by completing requirements of both tracks of study. Students desiring a strong preparation for graduate school should take MA 321, MA 401 and MA 452.

Exit Exam: An exit exam is required for graduation. The mathematics exit exam for Track II is the PRAXIS II Math content exam required by the State of Alabama for certification in mathematics. This PRAXIS II exam is administered by ETS. It is the student's responsibility to schedule and take the exit exam. It is required by the College of Education that the Math Content PRAXIS II (online-0061) is passed with a score of 126 (as of April 2007) prior to internship. Students ARE REQUIRED to submit a copy of their PRAXIS II score to their Mathematics advisor to complete their graduation file.

		Hours
	Total Hours Required for Completion of Mathematics Major – Licensure and Certification (Track 2)	129-133

POLITICAL SCIENCE (PO)

The degree programs in Political Science provide students with a foundation in American and non-American politics through rigorous coursework across seven areas of political science: American national government, American state and local government, public policy, constitutional law, public administration, international relations, and foreign policy. In addition, students are provided a foundation on research methodology and undertake a discipline-related observational experience. The curriculum is structured to provide students with a background appropriate for a prelaw school experience. Program graduates have the skills and competencies necessary for entry into a graduate program in Public Administration, or pursue career opportunities in law-related fields, public administration, or teaching government and politics at the secondary school level. **Note: The Bachelor of Arts degree requires a minor in another field.**

Bachelor of Arts - Political Science Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Arts degree with a major in Political Science:

Applicable General University Requirements

Students earning the Bachelor of Arts (BA) degree with a major in Political Science must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	Western Civilization or World History	3
	American National Government or PO 304 Problems of American Government	3
	State and Local Government or PO 303 Comparative State and Local Government or Foreign National Government	3
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	HU 321 Research Sources and Skills or the equivalent	1
	General Electives	10
	Total Major Prerequisite Requirement Hours:	23
	Total General Education and Major Prerequisite Requirement Hours:	64

Professional Course Requirements

	Course	Hours
	PO 303 Comparative State and Local Government	3
	PO 304 Problems of American Government	3
	PO 307 American Constitutional Law <u>or</u> PO 364 Civil Liberties	3
	PO 308 America and the World	3
	PO 342 Methods of Behavioral Science Research	3
	PO 351 American Public Policy	3
	PO 377 Public Administration	3
	PO 453 International Relations	3
	PO 465 Senior Research Project	4
	Electives in Political Science	9
	Total Professional Requirement Hours:	37

A minimum of 27 semester hours of upper division CJ/PO/PSHA coursework should be completed at Athens State University.

Minor (Required – must be approved by Faculty Advisor)

		Hours
	Required courses for minor	18

		Hours
	General Electives	9

		Hours
	Total Hours Required for Completion of Political Science Major	128

Bachelor of Science - Political Science Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Political Science:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Political Science must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	Western Civilization or World History	3
	American National Government or PO 304 Problems of American Government	3
	State and Local Government or PO 303 Comparative State and Local Government or Foreign National Government	3
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	HU 321 Research Sources and Skills or the equivalent	1
	General Electives	10
	Total Major Prerequisite Requirement Hours:	23
	Total General Education and Major Prerequisite Requirement Hours:	64

Professional Course Requirements

	Course	Hours
	PO 303 Comparative State and Local Government	3
	PO 304 Problems of American Government	3
	PO 307 American Constitutional Law <u>or</u> PO 364 Civil Liberties	3
	PO 308 America and the World	3
	PO 342 Methods of Behavioral Science Research	3
	PO 351 American Public Policy	3
	PO 377 Public Administration	3
	PO 453 International Relations	3
	PO 465 Senior Research Project	4
	Electives in Political Science	9
	Total Professional Requirement Hours:	37

A minimum of 27 semester hours of upper division CJ/PO/PSHA coursework should be completed at Athens State University.

A minor is not required.

		Hours
	General Electives	27

		Hours
	Total Hours Required for Completion of Political Science Major	128

Bachelor of Science - Political Science Major: Government Administration and Social Policy Option

The Government Administration and Social Policy Option is offered to accommodate those students who are already employed in the public sector or contemplates employment within government agencies other than those performing public safety and health roles. Current entry-level, public sector personnel providing general administrative support services may find this degree option to be appropriate for students who believe they will remain for a career in public sector bureaucracies. It is designed to accommodate the needs of students seeking an undergraduate degree who envision graduate work in the field of Public Administration with subsequent advancement and a future leadership role in public sector administration.

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Political Science – Government Administration and Social Policy Option:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Political Science - Government Administration and Social Policy Option must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
Total General Education Requirement Hours:		41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	Western Civilization or World History	3
	American National Government or PO 304 Problems of American Government	3
	State and Local Government or PO 303 Comparative State and Local Government	3
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	HU 321 Research Sources and Skills or the equivalent	1
	General Electives	10
Total Major Prerequisite Requirement Hours:		23
Total General Education and Major Prerequisite Requirement Hours:		64

Professional Course Requirements

	Course	Hours
	PO 308 America and the World	3
	PO 341 Statistics with Advanced Topics in Behavioral Science	3
	PO 342 Methods of Behavioral Science Research	3
	PO 350 Introduction to the American Legal System	3
	PO 351 American Public Policy	3
	PO 377 Public Administration	3
	PO 380 Public Finance	3
	PO 455 Public Administration Ethics	3
	PO 465 Senior Research Project	4
	PSHA 349 Human Resources Management	3
	SO 361 Social Analysis	3
	Total Professional Requirement Hours:	34

A minimum of 24 semester hours of upper division CJ/PO/PSHA coursework should be completed at Athens State University.

A minor is not required.

		Hours
	General Electives	30

		Hours
	Total Hours Required for Completion of Political Science Major - Government Administration and Social Policy Option	128

PSYCHOLOGY (PS)

The degree programs in Psychology aspire to assist students in planning for their careers. The Bachelor of Arts degree is recommended for those seeking to enter graduate school. The Bachelor of Science degree is for those who wish to seek employment after graduation. These degrees are offered through the Department of Behavioral Sciences. The program goals are aimed at: (1) enhancing the student's understanding of human services settings through a broad knowledge base of applied and clinical areas of human behavior; (2) instilling an appreciation for the ethical principles governing the fields of psychology, social work, and counseling; (3) cultivating life-long learning through proficient use of technology and information; (4) developing reasoning and analytical skills; and (5) communicating effectively orally and in writing.

Bachelor of Arts - Psychology Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Arts degree with a major in Psychology:

Applicable General University Requirements

Students earning the Bachelor of Arts (BA) degree with a major in Psychology must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	General Psychology	3
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	HU 321 Research Sources and Skills or the equivalent	1
	Electives in Psychology	6
	General Electives	10
	Total Major Prerequisite Requirement Hours:	23
	Total General Education and Major Prerequisite Requirement Hours:	64

Professional Course Requirements

	Course	Hours
	PS 331 Social Psychology	3
	PS 332 Child Psychology or PS 334 Adolescent Psychology	3
	PS 336 Psychology of Learning or PS 410 History and Systems of Psychology	3
	PS 341 Statistics with Advanced Topics in Behavioral Sciences	3
	PS 352 Abnormal Psychology	3
	PS 380/PS 380L Experimental Psychology	4
	PS 406 Physiological Psychology	3
	PS 420 Cognitive Psychology	3
	PS 499 Thinking, Writing, and Speaking in the Behavioral Sciences	3
	Psychology electives (300/400 level) approved by Faculty Advisor	12
	Total Professional Requirement Hours:	40

A minimum of 24 semester hours of upper division psychology coursework must be completed at Athens State University.

Exit Exam: An exit exam is required for graduation and is administered in PS 499. The departmental exit exam covers theories and concepts from all areas of the curriculum.

Minor (Required – must be approved by Faculty Advisor)

		Hours
	Required courses for minor	18

		Hours
	General Electives	2

Students are encouraged to select electives which will prepare them to obtain the highest possible score on the Graduate Record Examination (GRE). Such courses would include geometry, additional literature courses, and science courses.

		Hours
	Total Hours Required for Completion of Psychology Major	124

Bachelor of Science - Psychology Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Psychology:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Psychology must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	General Psychology	3
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	HU 321 Research Sources and Skills or the equivalent	1
	Electives in Psychology	6
	General Electives	10
	Total Major Prerequisite Requirement Hours:	23
	Total General Education and Major Prerequisite Requirement Hours:	64

Professional Course Requirements

	Course	Hours
	PS 331 Social Psychology	3
	PS 332 Child Psychology or PS 334 Adolescent Psychology	3
	PS 336 Psychology of Learning or PS 410 History and Systems of Psychology	3
	PS 341 Statistics with Advanced Topics in Behavioral Sciences	3
	PS 352 Abnormal Psychology	3
	PS 380/PS 380L Experimental Psychology	4
	PS 406 Physiological Psychology	3
	PS 420 Cognitive Psychology	3
	PS 499 Thinking, Writing, and Speaking in the Behavioral Sciences	3
	Psychology electives (300/400 level) approved by Faculty Advisor	12
	Total Professional Requirement Hours:	40

A minimum of 24 semester hours of upper division psychology coursework must be completed at Athens State University.

Exit Exam: An exit exam is required for graduation and is administered in PS 499. The departmental exit exam covers theories and concepts from all areas of the curriculum.

A minor is not required.

		Hours
	General Electives	20

		Hours
	Total Hours Required for Completion of Psychology Major	124

PUBLIC SAFETY AND HEALTH ADMINISTRATION (PSHA)

The Bachelor of Science degree in Public Safety and Health Administration provides students an educational background focused in the administration of public agencies at all levels of government, which promotes community health and safety. The program is mostly aimed at students with working experience in preventing, responding, managing, and reducing the consequences of public emergencies. Through rigorous coursework, the program prepares professionals in emergency response and allied health agencies for increased management and administration responsibilities, thus enhancing career opportunities.

Bachelor of Science - Public Safety and Health Administration Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components of the Bachelor of Science degree with a major in Public Safety and Health Administration:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Public Safety and Health Administration must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
Total General Education Requirement Hours:		41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	HU 321 Research Sources and Skills or the equivalent	1
	The remaining major prerequisite hours must be completed in Fire Sciences, Nursing, Fire Services Management (FCS), Criminal Justice (CJ), Emergency Medical Services (EMS), Allied Health, or Environmental Technology (EVT)	19
Total Major Prerequisite Requirement Hours:		23
Total General Education and Major Prerequisite Requirement Hours:		64

Professional Course Requirements

	Course	Hours
	PO 303 Comparative State and Local Government	3
	PO 342 Methods of Behavioral Science Research or PSHA 401 Measurement and Evaluation	3
	PSHA 349 Human Resources Management	3
	PSHA 350 Introduction to the American Legal System or PO 355 Health Policy in the U.S	3
	PSHA 354 Contemporary Health and Physical Education Activities	3
	PO 377 Public Administration	3
	PO/PSHA 380 Public Finance	3
	PSHA 446 Public Safety Concepts and Systems	3
	PSHA 447 Public Health Concepts and Systems	3
	PSHA 448 Managing the Public Safety and Health Emergency	3
	PSHA 451 Environmental Health and Safety Systems	3
	PSHA 455 Public Administration Ethics	3
	PSHA 465 Senior Research Project	4
	Total Professional Requirement Hours:	40

A minimum of 27 semester hours of upper division CJ/PO/PSHA coursework must be completed at Athens State University.

A minor is **not** required.

		Hours
	General Electives	20

		Hours
	Total Hours Required for Completion of Public Safety and Health Administration Major	124

RELIGION (RE)

The degree program in Religion provides students with a broad based knowledge in religion. The degree's core contains rigorous coursework in four major areas of study: (1) world religion including the history of religion, (2) moral values and theology, (3) biblical studies, and (4) sociology of religion. The curriculum focuses on ideas and practices of ancient and modern religions. The program covers these ideas and practices on several levels. It looks at the sacred texts of different religious traditions, the relationship between religion and culture, the historical and literary aspects of the religion, and the sociological research methods needed for understanding the evolution of religious thought throughout history. Program graduates will possess the knowledge, skills, and competencies to engage in ongoing discussion and research of the world's religions and their writings. The program also prepares students to pursue a religious vocation, further education at a graduate level, or enter careers in ministry or teaching.

Bachelor of Arts - Religion Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Arts with a major in Religion:

Applicable General University Requirements

Students earning the Bachelor of Arts (BA) degree with a major in Religion must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	Survey of the Old Testament or Survey of the New Testament or RE 308 Essentials of Biblical Studies	3
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	HU 321 Research Sources and Skills or the equivalent	1
	General Electives	16
	Total Major Prerequisite Requirement Hours:	23
	Total General Education and Major Prerequisite Requirement Hours:	64

Professional Course Requirements

	Course	Hours
	Comparative Religion <u>or</u> History of World Religions <u>or</u> RE 301 Religions That Shaped the World	3
	PH 300 Moral Values in Today's Society <u>or</u> RE 403 Religion in Life	3
	Survey of Church History I <u>or</u> Survey of Church History II <u>or</u> RE 312 History of Judaism <u>or</u> RE 314 History of Islam <u>or</u> HY 310 History of American Religion	3
	RE 409 Christian Thought in Early Centuries <u>or</u> RE 412 The Hebrew Prophets <u>or</u> RE 413 Psalms and Wisdom Literature	3
	RE 327 Sociology of Religion	3
	RE 351 Introduction to Christian Thought	3
	RE 416 Interpreting the Text	3
	RE 464 Religious Studies Capstone Course	1
	Electives from the Area of Religion <u>or</u> Philosophy at the 300/400 level	9
	Total Professional Requirement Hours:	31

Exit Exam: All religion majors must take an exit exam which will be administered in RE 464, Religious Studies Capstone course.

It is recommended that religion and philosophy students planning to attend graduate school or seminary take at least 6 semester hours of foreign languages. The most common languages used in these disciplines are French, German, Greek, and Hebrew.

A minor is not required, but is recommended. Minors are offered in Church Finance and Religious Education.

	Hours
General Electives (with 18 semester hour minor)	12

	Hours
General Electives (without a minor)	30

	Hours
Total Hours Required for Completion of Religion Major	125

SOCIAL SCIENCE (SS)

The Social Science degree has a major concentration in history combined with a variety of courses in political science, economics, geography, and the behavioral sciences. This interdisciplinary approach is aimed at enhancing a student's understanding of history, society, government, and world affairs. Social science graduates have the skills and competencies to pursue graduate studies, gain employment in a variety of career fields in government and the private sector, or teach social sciences at the secondary school level.

Bachelor of Science - Social Science Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science with a major in Social Science:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Social Science must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	Speech (SPH 106 or 107) course	3
	At least one literature course	3
	Other course in humanities or fine arts	3
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	US History I and II	6
	General psychology course	3
	Introduction to Sociology or an approved Social and Behavioral Science Elective	3
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	Western Civilization I and II or World History I and II	6
	Introduction to American National Government or PO 304 Problems of American Government	3
	Macroeconomics and Microeconomics courses	6
	Geography 100 or GO 300 World Regional Geography	3
	HU 321 Research Sources and Skills or the equivalent	1
	General Elective	1
	Total Major Prerequisite Requirement Hours:	23
	Total General Education and Major Prerequisite Requirement Hours:	64

Professional Course Requirements

	Course	Hours
	HY 302 Alabama History	3
	HY 307 American Constitutional Law	3
	HY 308 America and the World	3
	HY 451 Senior History Seminar	3
	300/400 level American History courses	6
	300/400 level Non-American History courses	6
	PO 303 Comparative State and Local Government or PO 305 Alabama Government	3
	PO 351 American Public Policy	3
	PO 453 International Relations	3
	HY/GO 340 South America, Africa and Asia	3
	Total Professional Requirement Hours:	36

A minor is **not** required.

		Hours
	General Electives	27

		Hours
	Total Hours Required for Completion of Social Science Major	127

Bachelor of Science - Social Science Major: Licensure and Certification Track for Teaching in Secondary Education, Grades 6-12

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science with a major in Social Science – Licensure/Certification Track:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Social Science – Licensure and Certification Track must satisfy all general University requirements and meet all financial obligations before a degree is awarded. **Additional requirements for this program are:**

- Students must maintain an institutional GPA of at least 2.50, **and** a minimum GPA of 2.50 in the Professional Courses. A minimum GPA of 2.75 is required in the Courses for Licensure/Certification. This is a requirement for student teaching and for graduation.
- Students must have a minimum grade of “C” in any required courses, regardless of whether GPA standards are fulfilled.
- Students must complete the 12 semester hours in History sequences and the courses in Macroeconomics and Microeconomics as required in the General Education and Major Prerequisite Requirements before being admitted to the Teacher Education Program.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	Fine arts course	3
	Literature course	3
	Speech (SPH 106, 107) course	3
	Humanities/Fine Arts Elective	3
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or higher mathematics course	3
	Natural sciences (lab-based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	U.S. History I and II	6
	General psychology course	3
	Introduction to Sociology or an approved Social and Behavioral Science Elective	3
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	Western Civilization I and II or World History I and II	6
	Introduction to American National Government or PO 304 Problems of American Government	3
	Macroeconomics and Microeconomics courses	6
	Geography 100 or GO 300 World Regional Geography	3
	Total Major Prerequisite Requirement Hours:	21
	Total General Education and Major Prerequisite Requirement Hours:	62

Professional Course Requirements

	Course	Hours
	HY 302 Alabama History	3
	HY 307 American Constitutional Law	3
	HY 308 America and the World	3
	HY 451 Senior History Seminar	3
	300/400 level American History courses	6
	300/400 level Non-American History courses	6
	PO 303 Comparative State and Local Government or PO 305 Alabama Government	3
	PO 351 American Public Policy	3
	PO 453 International Relations	3
	HY/GO 340 South America, Africa and Asia	3
	EC 310 Modern Economics or EC 320 Introduction to International Commerce	3
	Total Professional Requirement Hours:	39

Required Courses for Licensure/Certification

	Course	Hours
	ED 301 Foundations of Education I	3
	ED 302 Foundations of Education II	3
	ED 305 Technology & Media in Education	3
	<u>SC 331 Classroom Management in Secondary Education</u>	3
	<u>SC 333 Teaching Reading/Writing in the Content Areas</u>	3
	<u>SC 362 Assessment and Evaluation in Secondary Education</u>	3
	PS 334 Adolescent Psychology	3
	SE 301 Introduction to Exceptional Learners	3
	<u>SS 450 Materials/Methods of Teaching History and Social Sciences in Middle School/High School</u>	3
	<u>SC 486 Internship in High School Education</u>	9
	Total Licensure/Certification Requirement Hours:	36

Courses boldfaced and underlined in any of the tables above require admission to the Teacher Education Program (TEP) and may **not** be fulfilled by substituting courses completed at another college or university.

To submit a substitution request for other professional and certification courses completed at another college or university, students are required to provide an electronic copy of the course syllabus and/or description to their faculty advisor. This is an Alabama State Department of Education requirement. The Alabama State Department of Education ultimately decides whether or not a course will count as a substitution for an Athens State course after the syllabus and supporting documentation is evaluated.

	Hours
Total Hours Required for Completion of Social Science Major – Licensure/Certification Track	137

SOCIOLOGY (SO)

The degree programs in Sociology aspire to assist students in planning for their careers. The Bachelor of Arts degree is for those who wish to pursue further graduate training. The Bachelor of Science degree is for those who wish to seek employment after graduation. The Department goals are aimed at: (1) enhancing the student's understanding of human services settings through a broad knowledge base of applied and clinical areas of human behavior; (2) instilling an appreciation for the ethical principles governing the fields of psychology, social work, and counseling; (3) cultivating life-long learning through proficient use of technology and information; (4) developing reasoning and analytical skills; and (5) communicating effectively orally and in writing.

Bachelor of Arts - Sociology Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Arts degree with a major in Sociology:

Applicable General University Requirements

Students earning the Bachelor of Arts (BA) degree with a major in Sociology must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	HU 321 Research Sources and Skills or the equivalent	1
	Electives in Sociology	6
	General Electives	13
	Total Major Prerequisite Requirement Hours:	23
	Total General Education and Major Prerequisite Requirement Hours:	64

Professional Course Requirements

	Course	Hours
	SO 312 Majority/Minority Group Relations	3
	SO 314 Population Study	3
	SO 341 Statistics with Advanced Topics in Behavioral Science	3
	SO 342 Methods of Behavioral Science Research	3
	SO 360 Contemporary American Family	3
	SO 361 Social Analysis	3
	SO 362 Deviant Social Behavior	3
	SO 460 Sociological Theories	3
	SO 499 Thinking, Writing, and Speaking in the Behavioral Sciences	3
	Sociology electives (300/400 level) approved by Faculty Advisor	9
	Total Professional Requirement Hours:	36

Exit Exam: An exit exam is required for graduation and is administered in SO 499. The departmental exit exam covers theories and concepts from all areas of the curriculum.

Minor (Required)

		Hours
	Required courses for minor	18

		Hours
	General Electives	6

		Hours
	Total Hours Required for Completion of Sociology Major	124

Bachelor of Science - Sociology Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Sociology:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Sociology must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course	3
	Other courses in history or behavioral/social science	9
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications or CIS 301 Problem Solving with Computers	3
	HU 321 Research Sources and Skills or the equivalent	1
	Electives in Sociology	6
	General Electives	13
	Total Major Prerequisite Requirement Hours:	23
	Total General Education and Major Prerequisite Requirement Hours:	64

Professional Course Requirements

	Course	Hours
	SO 312 Majority/Minority Group Relations	3
	SO 314 Population Study	3
	SO 341 Statistics with Advanced Topics in Behavioral Science	3
	SO 342 Methods of Behavioral Science Research	3
	SO 360 Contemporary American Family	3
	SO 361 Social Analysis	3
	SO 362 Deviant Social Behavior	3
	SO 460 Sociological Theories	3
	SO 499 Thinking, Writing, and Speaking in the Behavioral Sciences	3
	Sociology electives (300/400 level) approved by Faculty Advisor	9
	Total Professional Requirement Hours:	36

Exit Exam: An exit exam is required for graduation and is administered in SO 499. The departmental exit exam covers theories and concepts from all areas of the curriculum.

A minor is not required.

		Hours
	General Electives	24

		Hours
	Total Hours Required for Completion of Sociology Major	124

College of Arts and Sciences Minors

Art Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.** Art minors should notify a member of the art faculty of their intentions as soon as the art minor is declared.

	Course	Hours
	AR 312 Figure Drawing	3
	AR 423 History of Modern Art	3
	AR 424 Late Modern Art History	3
	AR 430 Advanced Drawing and Design <u>or</u> AR 410 Adobe Illustrator Design	3
	Art Electives	6
	Total Required Hours for Art Minor:	18

Art Minor for Art Majors Only

	Course	Hours
	AR 314 Water Color III	3
	AR 317 Ceramic Sculpture	3
	AR 331 Digital Photography	3
	AR 343 Renaissance Art History	3
	AR 401 Advanced Figure Drawing, AR 313 Portrait Drawing or Art Electives in concentration areas	6
	Total Required Hours for Art Minor (Art Majors Only):	18

Art History Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

The Art History minor will teach students to analyze the visual history, art theory, and art criticism of visual traditions in the world. A minor in Art History is particularly suited for students pursuing careers in art, art education, history, anthropology, archaeology, classics, English, foreign literature, cultural studies, international business, and arts administration. The study of art history improves a student's visual perception and enhances their critical understanding of human expression. Students learn to understand art within the contexts of time, place, religion, politics, philosophy, culture, technology, society, and gender. This minor is designed for completion entirely on-line in web-based education.

Stipulations for the Art History minor:

- No more than one independent study course may count toward the minor in Art History.
- No more than two courses may be applied toward both this minor and a major or minor. By petition, two upper division courses with substantial art historical content and methodology applied toward the students' majors may also be applied toward this minor. These courses do not have to be in the distance learning (DL) format.
- Courses to be counted in the minor must be taken for a grade (may not be taken pass/fail).

	Course	Hours
	AR 342 Art of the Ancient Americas	3
	AR 343 Renaissance Art History	3
	AR 421/RE421 Sacred Art in History	3
	AR 423 History of Modern Art	3
	AR 424 Late Modern Art History	3
	AR 426 Critical Theories in Art	3
	Total Required Hours for Art History Minor:	18

Behavioral Science Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	PS 334 Adolescent Psychology	3
	PS 335 Adult Psychology	3
	SO 312 Majority/Minority Relations	3
	SO 362 Deviant Social Behavior	3
	One course from this group: PS 304 Drugs and Behavior PS 352 Abnormal Psychology PS 406 Physiological Psychology	3
	One course from this group: PS 331 Social Psychology PS 332 Child Psychology PS 402 Introduction to Clinical Psychology SO 360 Contemporary American Family SO 471 Aging in a Mass Society	3
	Total Required Hours for Behavioral Science Minor:	18

Biology Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

A minor in Biology requires completion of a minimum of 18 semester hours of biology coursework, including a minimum of 6 semester hours of upper division coursework which must be taken at Athens State University.

	Course	Hours
	Principles of Biology I, II or the equivalent	8
	Biology Electives	10
	Total Required Hours for Biology Minor:	18

Chemistry Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

A minor in Chemistry requires 20 semester hours of chemistry coursework including a minimum of 9 semester hours of upper division coursework which must be completed at Athens State University.

	Course	Hours
	College Chemistry I, II <u>or</u> CH 303, 304, 305	8-9
	CH 324 /CH 324L Analytical Chemistry	4
	Upper Level 300/400 Chemistry courses approved by Chemistry Faculty Advisor	7-8
	Total Required Hours for Chemistry Minor:	20

Church Finance Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	AC 300 Principles of Accounting	3
	EC 310 Modern Economics	3
	MG 350 Financial Management	3
	GBA311 Legal Environment of Business	3
	MG 346 Principles of Management and Leadership	3
	One course from this group: MG 303 Management Decision Support Systems MG 349 Human Resources Management MG 353 Project Management MG 375 Organizational Behavior and Team Building MK 331 Marketing Principles	3
	Total Required Hours for Church Finance Minor:	18

Computer Information Systems Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	MA 308 Discrete Mathematics	3
	Web Programming or Web Development course	3
	CS 317 Computer Science I	3
	CS 318 Computer Science II	3
	CIS 325 The Digital Enterprise	3
	CIS 365 Visual Application Development	3
	Computer Science or Computer Information Systems upper level elective	3
	Total Required Hours for Computer Information Systems Minor:	21

Computer Networking Minor

Students in majors other than Computer Science must complete the following courses for a minor in Computer Networking:

	Course	Hours
	CS 309/309L Introduction to Digital Logic Design	4
	CN 301 Networking Fundamentals	2
	CN 302 Local Area Networks	2
	CN 303 Wide Area Networks	2
	CN 304 Network Architecture	2
	CN 401 Internetworking Devices	2
	CN 402 The Internet	2
	CN 403 Network Processes and Protocols	2
	CN 404 Enterprise Network Design and Management	2
	CN 405/405L Network Security	4
	Total Required Hours for Computer Networking Minor (non-CS majors):	24

Students majoring in Computer Science or Computer Information Systems must complete the following courses for a minor in Computer Networking:

	Course	Hours
	CN 301 Networking Fundamentals	2
	CN 302 Local Area Networks	2
	CN 303 Wide Area Networks	2
	CN 304 Network Architecture	2
	CN 401 Internetworking Devices	2
	CN 402 The Internet	2
	CN 403 Network Processes and Protocols	2
	CN 404 Enterprise Network Design and Management	2
	CN 405/405L Network Security	4
	Total Required Hours for Computer Networking Minor (CS and CIS majors):	20

Computer Science Minor

This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.

	Course	Hours
	MA 308 Discrete Mathematics	3
	Microcomputer Applications	3
	CS 309/CS309L Introduction to Digital Logic Design	4
	CS 317 Computer Science I	3
	CS 318 Computer Science II	3
	CS 372 Data Structures	3
	CS 472 Algorithm Analysis	3
	Total Required Hours for Computer Science Minor:	22

Criminal Justice Minor

This minor is open to students in all majors. Please consult course descriptions for possible prerequisites.

	Course	Hours
	CJ 301 Criminal Justice Process	3
	CJ 302 Criminal Law	3
	CJ 452 Advanced Criminology	3
	Criminal Justice electives	9
	Total Required Hours for Criminal Justice Minor:	18

Drama Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

Students must choose six (6) of the below listed courses and are required to take at least one class from each category (unless they receive prior approval from the English Department faculty member).

	Course	Hours
	<u>Dramatic Literature & Criticism (at least one course from this category):</u> EH 313 Modern American Drama EH 331 Dramatic Theory & Criticism EH 426 Renaissance Drama EH 455 Theatre for Young Audiences	3
	<u>Performance: (at least one course from this category):</u> EH 333 Acting I EH 334 Acting II: Scene Study and Acting Shakespeare EH 335 Movement and Stage Combat	3
	<u>Production (at least one course from this category):</u> EH 311 Drama Production EH 319 Technical Theater EH 466 Practicum in Production	3
	<u>Other (at least one course from this category):</u> EH 310 Film: History, Development, and Evaluation EH 332 Adaptation and the Arts EH 405 Playwriting	3
	Two additional courses from the above categories	6
	Total Required Hours for Drama Minor:	18

English Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

At least 12 semester hours of the requirements for the English minor must be taken at Athens State University.

	Course	Hours
	EH 321 Dramatic Literature	3
	EH 425 Shakespeare	3
	EH 431 Poetry and Poetics	3
	Four courses from the following: EH 304 Southern Literature EH 307 Major Authors I EH 308 Major Authors II EH 314 19 th Century British Studies EH 316 American Masterpieces EH 325 Myth: Ritual and Culture EH 330 Literary and Critical Theory EH 413 Composition for Teachers EH/RE 416 Interpreting the Text EH 433 Fiction EH 440 African-American Studies EH 450 Renaissance Literature 1550-1680 EH 451 The British Novel EH 452 Chaucer and Medieval Literature EH 454 Young Adult Literature	12
	Total Required Hours for English Minor:	21

Gender and Multicultural Studies Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

To fulfill the requirements for the Gender and Multicultural Studies minor, students must take at least 15 semester hours that do not overlap with their major or another program of study.

	Course	Hours
	PS/SO 301 Introduction to Gender and Multicultural Studies	3
	<u>Humanities (choose one course from this category):</u> AR 423 History of Modern Art AR 424 Late Modern Art History EH 325 Myth: Ritual and Culture EH 401 Speech: Conflict Management EH/RE 416 Interpreting the Text EH 440 African-American Studies EL 320 Children's Literature HU 330 Landmarks of Civilization RE 301 Religions that Shaped the World RE 312 History of Judaism RE 314 History of Islam	3
	<u>Social & Behavioral Science: (choose one course from this category):</u> CJ/SO 452 Advanced Criminology ED 312 Educating Teachers for Diversity GO 309 North America and Europe GO 340 South America, Africa and Asia PH/SO 300 Moral Values in Today's Society PO/SO 351 American Public Policy/Political Sociology PS 331 Social Psychology SE 301 Introduction to Exceptional Learners SO 312 Majority/Minority Group Relations SO 360 Contemporary American Family	3
	<u>Business (choose one course from this category):</u> EC/GO 311 Economic Geography EC/PO 320 Introduction to International Commerce EC 348 Labor Economics MG 352 International Business GBA/PS 368 Industrial and Personnel Psychology	3
	Three additional courses from the above categories	9
	Total Required Hours for Gender and Multicultural Studies Minor:	21

Gerontology Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	PS 335 Adult Psychology	3
	PS 406 Physiological Psychology	3
	SO 471 Aging in a Mass Society	3
	<u>Three courses from the following:</u> GS 320/320L Nutrition* HCM 340 Health Care Systems (Prerequisite: MG 346) HCM 355 Survey of Issues in Health Care Management (Prerequisite: MG 346) HCM 356 Legal and Ethical Issues in Health Care Management (Prerequisite: HCM 340) HCM 430 Principles of Long-term Care (Prerequisite: MG 346) HCM 450 Managed Care (Prerequisite: HCM 340) HPE 325 Kinesiology (Prerequisite: Anatomy and Physiology) HPE 327 Physiology and Exercise (Prerequisite: Anatomy & Physiology) HPE 355 Health Related Fitness and Nutrition PH 320 Biomedical Ethics PO 355 Health Policy in the US PS/SO 443 Special Topics (Related to Gerontology) PS/SO 463 Directed Study (Related to Gerontology) PS/SO 497 Practicum (Related to Gerontology) SO 352 Sociology of Health and Illness SO 353 Sociology of Death and Dying *GS 320 Nutrition has a co-requisite one-hour lab for a total of 4 semester hours	9
	Total Required Hours for Gerontology Minor:	18

History Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	American History	6
	European History	6
	Non-Western History	3
	History Elective	3
	Total Required Hours for History Minor:	18

Marine Science Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

A Marine Science minor requires completion of 20 semester hours of marine science and/or biology coursework, at least 12 semester hours of which must be taken at Dauphin Island Sea Lab.

	Course	Hours
	Principles of Biology I, II or the equivalent	8
	Courses at Dauphin Island Sea Lab	12
	Total Required Hours for Marine Science Minor:	20

Mathematics Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

A minor in Mathematics requires 24 semester hours of mathematics including 9 semester hours of upper division coursework, at least 9 semester hours of which must be taken at Athens State University.

	Course	Hours
	Calculus Sequence	12
	MA 310 Linear Algebra	3
	MA 321 Differential Equations	3
	Upper Division Mathematics Electives (Approved Mathematics courses above the calculus sequence)	6
	Total Required Hours for Mathematics Minor:	24

Political Science Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	American Government or PO 304 Problems of American Government	3
	PO 303 Comparative State and Local Government or PO 305 Alabama Government	3
	PO 308 World Government or PO 453 International Relations	3
	Political Science Electives	9
	Total Required Hours for Political Science Minor:	18

Psychology Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	PS 331 Social Psychology	3
	PS 332 Child Psychology or PS 334 Adolescent Psychology	3
	PS 352 Abnormal Psychology	3
	PS 406 Physiological Psychology	3
	PS 420 Cognitive Psychology or PS 336 Psychology of Learning	3
	Psychology Elective	3
	Total Required Hours for Psychology Minor:	18

Public Safety and Health Administration

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	PO 303 Comparative State and Local Government	3
	PSHA 377 Public Administration	3
	PSHA 380 Public Finance	3
	PSHA 446 Public Safety Concepts and Systems	3
	PSHA 447 Public Health Concepts and Systems	3
	PSHA 455 Public Administration Ethics	3
	Total Required Hours for Public Safety and Health Administration Minor:	18

Religion Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	Three courses in Religion	9
	Three courses in Philosophy or Religion	9
	Total Required Hours for Religion Minor:	18

Religion courses accepted from non-regionally accredited schools will serve only as general electives, will not apply toward humanities or social science elective requirements, and will not apply toward the minor.

Religious Education Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	ER 310 Principles of Early Childhood Education	3
	RE 305 Survey of Religious Education	3
	RE 405 Religious Education of Adults (Students who plan to work with children may substitute ER 350 Administering and Managing Early Childhood Programs)	3
	RE 417 Senior Research Project in Religious Education	4
	Electives in Education (Electives may not be selected from courses that require admission to the Teacher Education Program)	6
	Total Required Hours for Religious Education Minor:	19

Sociology Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	SO 312 Majority/Minority Group Relations	3
	SO 362 Deviant Social Behavior	3
	SO 460 Sociological Theories	3
	Sociology Electives	9
	Total Required Hours for Sociology Minor:	18

College of Arts and Sciences Certificate Program

Children's Advocacy Studies Training (CAST)

Requirements for the Certificate in Children's Advocacy Studies Training (a grade of "C" or better must be achieved on all required courses):

	Course	Hours
	CA 301 Perspectives on Child Maltreatment & Child Advocacy	3
	CA 302 Global Child Advocacy Issues	3
	CA 401 Child Advocacy II: Professional and System Responses to Child Maltreatment (CA 301 must be taken as a prerequisite to CA 401)	4
	Total Required Hours:	10