College of Arts and Sciences
Stephen G. Spencer, Ph. D. – Dean

The table below summarizes the options for degrees, majors, minors, and certificates offered by the College of Arts and Sciences. Information about the minors listed below can be found in the Minors section of this catalog. Information about the certificate programs listed below can be found at the end of the College of Arts and Sciences catalog section.

Program Name	Degree(s) Available	Minor Available	Certificate Available
Application Design		Yes	
Art	BA	Yes	
Art – With Minor in Education	BA		
Art **(leading to Bachelor of Fine Arts degree – Concentration in Ceramics, Graphic Design, Painting & Drawing, or Multimedia Production required)**	BFA		
Art History		Yes	
Behavioral Science	BS	Yes	
Biblical Studies			Yes
Biology	BS	Yes	
Biology – Bioinformatics Option	BS		
Biology – Cellular and Developmental Option	BS		
Biology – Ecology and Organismal Option	BS		
Biology – With Minor in Education	BS		
Chemistry	BS	Yes	
Chemistry – With Minor in Education	BS		
Children's Advocacy Studies Training (CAST)			Yes
Computer Forensics		Yes	
Computer Networking		Yes	
Computer Science **(Concentration in Software and Systems, Cybersecurity, or Intelligent Systems required)**	BS	Yes	
Criminal Justice	BS	Yes	
Criminal Justice – Juvenile Justice Studies Option	BS		
Drama and Theatre Arts **(Concentration in Musical Theatre, Theatre Design and Technology, or Theatre General Studies required)**	BA	Yes	
English	BA	Yes	
English/Language Arts	BA		
English/Language Arts – With Minor in Education	BA		
Forensics and Investigation		Yes	
Forensic Psychology		Yes	
Gender/Multicultural Studies		Yes	
Gerontology		Yes	
Globalization		Yes	
Health Care Administration			Yes
Health Fitness		Yes	
Health Science	BS		
Health Science – Health Care Administration Option	BS		
Health and Wellness Management	BS		
History	BA	Yes	
History – Public History Option	BA		
History – With Minor in Education	BA		
Homeland Security and Administration		Yes	
Human Development		Yes	
Individualized Degree Program (formerly Liberal Studies)	BS		
Information Security			Yes
Information Technology **(Concentration in Applied Information Technology, Computer Networking, or Health Information Technology required)**	BS	Yes	

Program Name	Degree(s) Available	Minor Available	Certificate Available
Interactive Design			Yes
Marine Science		Yes	
Mathematics	BS	Yes	
Mathematics – With Minor in Education	BS		
Music (Vocal) or Music (Recording)		Yes	
Nursing	BSN		
Pastoral Leadership			Yes
Psychology	BA, BS	Yes	
Public Safety and Health Administration	BS	Yes	
Religion	BA	Yes	
Social Science	BS		
Social Science – Public History Option	BS		
Social Science – With Minor in Education	BS		
Sociology	BA, BS	Yes	
Technical Theatre		Yes	

The current listings of Faculty and Staff in the College of Arts and Sciences and Faculty and Staff in the University Library can be found on the Athens State University website.

College of Arts and Sciences – General Information

Programs in the College of Arts and Sciences prepare students for careers or for continuing education in graduate or professional school. Our mission in the College of Arts and Sciences is to assist 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.

Programs in the College of Arts and Sciences support the mission of Athens State by empowering students "to make valuable contributions in their professional, civic, educational, and economic endeavors."

The Department of Behavioral Sciences offers courses in seven areas of study: Behavioral Science, Psychology, Sociology, Criminal Justice, Health Science, Health & Wellness Management, and Public Safety and Health Administration. Programs in the Department employ an interdisciplinary approach aimed at developing a strong academic background to prepare students for employment in the areas of health, criminal justice, mental health, social work, counseling, substance abuse, sociology, and psychology. In addition, the programs prepare students for graduate or professional studies. Programs in Behavioral Sciences help students develop: (1) a knowledge base in psychology, sociology, criminal justice, or health fields; (2) scientific inquiry skills; (3) a sense of ethical and social responsibility in a diverse world; (4) communication skills; and (5) professional skills and goals.

The Department of Humanities and Social Sciences offers courses in four areas of study: English, History, Religion, and Social Science. Programs in the Department help students develop a strong academic background in preparation for careers, graduate or professional programs, or certification as secondary education teachers. Department programs: (1) enhance the student's understanding of the world, society, and community through a broad knowledge base in the humanities and social sciences; (2) foster respect and appreciation for diversity of people and opinions; (3) cultivate life-long learning through proficient use of technology and information; and (4) develop critical thinking, analytical, and communication skills. Students pursuing teaching certification or licensure will complete additional requirements from the College of Education.

The Department of Fine and Performing Arts offers courses in three areas of study: Art, Drama and Theatre Arts, and Music. Programs in the Department emphasize individual commitment to creating art and provide students with the opportunity to shape the future of the art community, emphasizing the importance of art in society. Graduates of the program find themselves with a deepened artistic appreciation, knowledge-base, and skill-set that will allow them to pursue a graduate school education and/or that will enhance career opportunities. Department programs: (1) enhance the student's understanding of the world, society, and community through broad knowledge in fine and/or performing arts; (2) foster respect and appreciation for a diversity of people and opinions; (3) develop critical thinking, analytical, and communication skills; and (4) instill strong ethical standards.

The Department of Mathematical, Computer and Natural Sciences is committed to providing students with a strong academic background within the context of an increasingly technology-driven society. The mathematics, computer science, and information technology programs allow students the flexibility to explore a wide range of applied and theoretical areas of mathematics, computing, and logic suitable for diverse 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, information technology, and/or computer science courses with other disciplines, as well as gain certification for teaching mathematics at the secondary school level. The mathematics, information technology, and computer science programs: (1) enhance the student's knowledge of mathematics and computer science; (2) cultivate analytical and problem-solving skills; (3) instill an appreciation for ethical principles to face the challenges posed by the development and uses of new technology and advanced scientific inquiry; and (4) develop critical thinking, analytical, and communication skills.

The natural science programs include biology and chemistry. The biology and chemistry programs employ an interdisciplinary approach to the natural sciences, providing a comprehensive science education background obtained through rigorous coursework, laboratories, and field experiences. Structured to prepare students for career opportunities in science, government, industry, and education or for pursuing graduate studies, the natural sciences: (1) enhance the student's knowledge of the fundamental principles of biology, chemistry, and related life sciences and their interrelationships; (2) cultivate analytical and problem solving skills through the active teaching of the scientific method; (3) instill an appreciation for ethical principles in the conduct of scientific inquiry and use of new technology; and (4) develop critical thinking, analytical, and communication skills. 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 offered in the disciplines of Art, Drama & Theatre Arts, English, English/Language Arts, History, Psychology, Religious Studies, and Sociology. Majors leading to a Bachelor of Science degree are offered in the disciplines of Biology, Chemistry, Computer Science, Criminal Justice, Health and Wellness Management, Information Technology, Mathematics, 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 majors with a minor in

Education in Biology, Chemistry, English/Language Arts, History, Mathematics, and Social Science for those students who are interested in teaching grades 6-12. Completion of these programs will lead to Class B Certification in middle and high school education. Completion of the Bachelor of Arts Art Major with a minor in Education 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.

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, as assigned by the Transfer Student Success 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 a specific student's 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 Curriculum Adjustment Form.

Distance Education
The College of Arts and Sciences offers online degree programs in the following majors: Religion, Psychology, and Individualized Degree Program. 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

Pre-Law Program
Many Athens State University students express an interest in attending law school after graduation. Athens State graduates 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.

To be admitted to an accredited law school, students typically must have a bachelor's degree, an acceptable score on the Law School Admission Test (LSAT), and certain GPA requirements. Although no law school requires a specific major, the American Bar Association recommends degrees in English and history as preparation for law school.

Pre-Health Programs
Students interested in pre-health programs should contact the chief Pre-Health programs advisor, Dr. Sara Cline (sara.cline@athens.edu). Pre-health programs 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	

Students receive guidance in planning individual academic programs that will help prepare them for graduate programs in health and medicine. 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 for Graduation

Every student planning on completing an undergraduate 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 an undergraduate degree, a student must:
- Complete a minimum of 124 semester hours with at least 25 percent of the degree requirements earned at Athens State University.
- Complete all of the general education and pre-professional courses (Areas I-V) required for the degree or major(s).
- Apply no more than 64 semester hours from a community college, excluding remedial courses (all courses taken will be transferred in but only 64 semester hours from a community college will be applicable toward an undergraduate degree).
- Complete all course requirements for the degree or major(s).
- 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 University catalog.**
- Attain a minimum 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 University catalog.**
- When applicable, complete all course requirements for a minor with a minimum of six (6) semester hours of upper-level coursework in the minor from Athens State University. College or departmental regulations may require completion of more than six (6) semester hours of coursework in the minor at Athens State University. These specific requirements are published in the appropriate Minors section of the University catalog.
- Apply no more than 64 semester hours of non-traditional/non-graded college credit toward the degree.
- Complete the requirements for teacher certification (when applicable).

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 with emphasis on Art or Art with a minor in Education 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. Preparing students for graduate studies in visual arts or entry-level careers in creative profession are other important goals. Located in downtown Decatur, Alabama at the Alabama Center for the Arts, the state-of-the-art campus serves as an important component of the program. Faculty comprised of working artist/teachers and other students create a motivating and rigorous environment for artistic creation, interaction and growth. The senior thesis exhibition culminates the study.

Bachelor of Arts - Art 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 Art:

Applicable General University Requirements
Students earning the Bachelor of Arts (BA) degree with a major in Art 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)**	
	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)**	
	Finite math **or** higher mathematics course	3
	Natural sciences (lab-based)	8
IV	**History/Behavioral and Social Sciences (12 hours total)**	
	General psychology course	3
	PSY 210 Human Growth and Development **or** PS 334 Adolescent Psychology	3
	At least one history course*	3
	Other course in history or behavioral/social science	3
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	Art Electives	9
	CIS 146 Microcomputer Applications or ITE 301 Problem Solving with Computers	3
	Total Major Prerequisite Requirement Hours:	**12**
	Total General Education and Major Prerequisite Requirement Hours:	**53**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	AR 300 Art Studio in Critique	3
	AR 301 Painting	3
	AR 312 Figure Drawing	3
	AR 315 Topics in Ceramics **or** AR 317 Ceramics Handbuilding	3
	AR 331 Advanced Photography	3
	AR 408 Printmaking	3
	AR 423 History of Modern Art	3
	AR 424 Late Modern Art History	3
	AR 465 Portfolio, Exhibition and Art Research	3
	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	**31**

Minor (Required)

		Hours
	Required Courses for Minor (minimum 18 hours, a minor in Art History is recommended)	**18**

General Electives

		Hours
	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	**22**

		Hours
	Total Minimum Hours Required for Completion of Art Major	**124**

Bachelor of Arts - Art Major with Minor in Education (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 with a minor in Education:

Applicable General University Requirements

Students earning the Bachelor of Arts (BA) degree with a major in Art with a minor in Education 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 cumulative GPA of at least 2.75, **and** a minimum GPA of 2.75 in both the Professional Studies and Teaching Field Course Requirements. 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)**	
	Finite math **or** higher mathematics course	3
	Natural sciences (lab-based)	8
IV	**History/Behavioral and Social Sciences (12 hours total)**	
	General psychology course	3
	PSY 210 Human Growth and Development **or** PS 334 Adolescent Psychology	3
	At least one history course*	3
	Other course in history or behavioral/social science	3
	***Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).**	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements

	Discipline/Course	Hours
	Art Electives	9
	Total Major Prerequisite Requirement Hours:	**9**
	Total General Education and Major Prerequisite Requirement Hours:	**50**

Teaching Field Course Requirements

	Course	Hours
	AR 300 Art Studio in Critique	3
	AR 301 Painting	3
	AR 312 Figure Drawing	3
	AR 315 Topics in Ceramic **or** AR 317 Ceramics Handbuilding	3
	AR 331 Advanced Photography	3
	AR 408 Printmaking	3
	AR 423 History of Modern Art	3
	AR 424 Late Modern Art History	3
	AR 465 Portfolio, Exhibition and Art Research	3
	Total Teaching Field Requirement Hours:	**27**
	(Total Credit Hours in Art including Areas I-V: 39)	

Professional Studies Course Requirements (Education Minor)

	Course	Hours
	UNV 300 Pathways to Success	3
	ED 301 Introduction to Teaching	1
	ED 302 Foundations of Education	3
	ED 305 Technology & Media in Education (fulfills CIS 146 major/degree prerequisite requirement in Art major)	3
	ED 322 Basic Principles of ELL Education	3
	ED 359 Assessment Strategies for the P-12 Art Classroom	3
	ED 360 Classroom Management in Art Education	3
	SE 301 Survey of Exceptional Learners	3
	AR 454 Materials and Methods of Teaching Art in P-5	3
	AR 455 Materials and Methods of Teaching Art in 6-12	3
	UNV 400 Career Seminar	1
	AR 451 Internship in Art P-12	6-12
	Total Professional Studies Requirement Hours:	**35**

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 teaching field and professional 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.

All students seeking a degree from the College of Education, or a degree from the College of Arts and Sciences with a minor in Education, and subsequent licensure and certification by the State of Alabama, are required to pass the appropriate Praxis II exams for their program of study. A complete listing of these exams along with required scoring information can be reviewed on the College of Education's webpage. **It is the student's responsibility to schedule and take these exams prior to applying for internship (student teaching).**

A student who does not complete all of the above Professional Studies requirements for the minor in Education and who does not wish to seek certification from the State of Alabama may still fulfill the requirements for the Art major with a minor in Professional Studies (see minors section of this catalog).

This program of study is open to any student. Students who do not fulfill all Professional Studies Course requirements will not be eligible for licensure and certification by the Alabama State Department of Education.

General Electives

		Hours
	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	**12**

		Hours
	Total Minimum Hours Required for Completion of Art Major with minor in Education	**124**

Bachelor of Fine Arts (BFA) – Art Major

The BFA (Bachelor of Fine Arts) program will provide studio-based education in visual art and design at the undergraduate level. Specialized training and experience provided in a BFA degree has become an industry standard and a highly sought-after degree. Along with core studio-based training, students will select one of four concentrations: Ceramics, Graphic Design, Painting & Drawing, or Multimedia Design. BFA students will complete an extensive capstone practicum during their senior year designed to prepare them for employment, commissions, studio practice, graduate school applications, or other art career opportunities.

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

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

Applicable General University Requirements

Students earning the Bachelor of Fine Arts (BFA) degree with a major in Art 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
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	ART 203 Art History I **or** AR 341 Visual Culture	3
	ART 204 Art History II **or** AR 342 Art of the Ancient Americas **or** AR 421 Sacred Art in History	3
	Graphic Design, Computer Graphics, Intro to Digital Photography **or** AR 302 Adobe Photoshop Essentials	3
	ART 121 2D Composition **or** AR 306 Concepts in 2D Design	3
	ART 113 Drawing I **or** Intro to Graphic Design **or** AR 312 Figure Drawing	3
	ART 114 Drawing II **or** Technical Illustration **or** AR 360 Drawing and Design	3
	ART 127 3D Composition **or** AR 305 Concepts in 3D Design	3
	Total Major Prerequisite Requirement Hours:	**21**
	Total General Education and Major Prerequisite Requirement Hours:	**62**

Professional Course Requirements

	Fundamentals of Art Courses	Hours
	AR 300 Art Studio in Critique	3
	AR 301 Painting	3
	AR 315 Topics in Ceramics	3
	AR 331 Advanced Photography	3
	AR 333 Graphic Design	3
	AR 408 Printmaking	3
	University Success Courses	
	UNV 300 Pathways to Success	3
	UNV 400 Career Seminar	1
	Art Elective Courses	
	Art History Elective (can be 100/200 level course)	3
	Art Electives (up to 6 hrs. can be 100/200 courses)	9
	Capstone Experience Course	
	AR 466 Advanced Portfolio, Exhibition and Art Research	4
	Total Professional Requirement Hours:	**38**

Additional Program Requirements

In addition to the Professional Courses above, BFA Art majors must complete **one of the following:**

- The Concentration in Ceramics, **OR**
- The Concentration in Graphic Design, **OR**
- The Concentration in Painting & Drawing, **OR**
- The Concentration in Multimedia Production.

Concentration in Ceramics		Hours
	Advanced Courses in Ceramics	
	AR 317 Ceramics Handbuilding	3
	AR 318 Intermediate Wheel Throwing	3
	AR 322 Intermediate Handbuilding	3
	AR 416 Glaze Chemistry and Kiln Design	3
	AR 422 Alternative Firing Processes	3
	Electives in Concentration	
	Select two classes from the following (all courses are 3 semester hours unless otherwise noted): AR 312 Figure Drawing AR 341 Visual Culture AR 360 Drawing and Design AR 420 Art Studio AR 426 Critical Theories of Today's Art AR 442 Special Topics in Art (1-3 hrs.) AR 443 Art Entrepreneurship AR 450 Internship in Art AR 460 Special Workshop AR 461 Sculpture	6
	Total Ceramics Concentration Requirement Hours:	**21**

Concentration in Graphic Design		Hours
	AR 304 Typography	3
	AR 307 Advanced Typography	3
	AR 338 Digital Imaging	3
	AR 353 History and Practice of Graphic Design	3
	AR 405 Interface Design	3
	AR 406 Multimedia Production	3
	AR 435 Advanced Graphic Design	3
	Total Graphic Design Concentration Requirement Hours:	**21**

Concentration in Painting & Drawing		Hours
	Advanced Courses in Painting & Drawing	
	AR 311 Landscape Painting and Drawing	3
	AR 314 Topics in Watercolor	3
	AR 403 Materials and Techniques of Painting	3
	AR 411 Narrative Painting and Drawing	3
	AR 413 Portrait Drawing and Painting	3
	Electives in Concentration	

	Select <u>two</u> classes from the following (all courses are 3 semester hours unless otherwise noted):
	     AR 312 Figure Drawing
	     AR 317 Ceramics Handbuilding
	     AR 331 Advanced Photography
	     AR 341 Visual Culture
	     AR 342 Art of the Ancient Americas
	     AR 343 Renaissance Art History
	     AR 360 Drawing and Design
	     AR 401 Advanced Figure Drawing
	     AR 420 Art Studio
	     AR 421 Sacred Art History
	     AR 423 History of Modern Art
	     AR 424 Late Modern Art History
	     AR 426 Critical Theories of Today's Art
	     AR 442 Special Topics in Art (1-3 hrs.)
	     AR 443 Art Entrepreneurship
	     AR 460 Special Workshop
		6

	Total Painting & Drawing Concentration Requirement Hours:	**21**

Concentration in Multimedia Production		Hours
	MU 310 Digital Recording and Editing	3
	DR 321 Principles of Scenic and Lighting Design **or** DR 333 Acting I	3
	AR 338 Digital Imaging	3
	AR 353 History and Practice of Graphic Design	3
	AR 406 Multimedia Production	3
	AR 440 Digital Animation	3
	AR 448 Collaborative Multimedia	3
	Total Graphic Design Concentration Requirement Hours:	**21**

A minor is <u>not</u> required.

The Art major must complete a minimum of 24 semester hours of upper division 300/400 level coursework in Art (AR) at Athens State University.

General Electives

		Hours
	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	3

		Hours
	Total Minimum Hours Required for Completion of BFA Art Major with required Concentration	**124**

BEHAVIORAL SCIENCE

The Behavioral Science Program at Athens State University is committed to guiding students to become psychologically and sociologically literate citizens of the 21st century by providing a broad and balanced understanding of psychology and sociology as a social and natural science. Students gain knowledge, skills, and values consistent with the science and application of psychological and sociological principles. The program emphasizes the value of psychology and sociology for developing insight into one's own and others' behavior and mental processes at the individual and institutional level. In addition, the program focuses on recognizing, understanding, and respecting the complexity of sociocultural diversity.

Students pursuing a Behavioral Science degree are prepared to enter a variety of careers such as social service, advocacy, marketing, or publication. In addition, the degree prepares students for graduate studies especially in social work.

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** 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**
	***Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).**	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications or ITE 301 Problem Solving with Computers	**3**
	PSY 200 General Psychology **or** any upper-level (300/400) psychology course	**3**
	SOC 200 Introduction to Sociology **or** any upper-level (300/400) sociology course	**3**
	Total Major Prerequisite Requirement Hours:	**9**
	Total General Education and Major Prerequisite Requirement Hours:	**50**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	PS 304 Drugs and Behavior	3
	PS 331 Social Psychology	3
	PS 332 Child Psychology **or** PS 334 Adolescent Psychology **or** 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 **or** CJ 360 Race, Criminality, and Social Justice **or** GO 300 World Regional Geography	3
	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	**43**

A minimum of 24 semester hours of upper-division behavioral science (psychology or sociology) coursework must be completed at Athens State University.

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.

A minor is not required.

General Electives

		Hours
	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	**31**

		Hours
	Total Minimum Hours Required for Completion of Behavioral Science Major	**124**

BIOLOGY (BI)

The degree programs in Biology prepare students for careers in education, health, research, and environmental stewardship. It provides a core set of knowledge needed for employment and for pursuing graduate and professional studies in those fields.

The Biology programs include majors leading to the Bachelor of Science degree with additional options in Cell and Developmental Biology, Ecology and Organismal Biology, and Bioinformatics, as well as the Bachelor of Science degree with minor in Education (Grades 6-12) which leads to certification to teach Biology and related science courses at the middle and high school levels. 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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	College Chemistry I	**4**
	College Chemistry II	**4**
	Natural Science Elective	**4**
	BI 312/312L Biostatistics **or** Statistics (MTH 265, MA 331, or PS/SO 341) **or** Calculus I	**3-4**
	CHM 221 Organic Chemistry I **or** CH 311/311L Organic Chemistry I	**4-5**
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers **or** CIS 201 Intro to Computer Programming Concepts **or** CIS 251 C++ Programming **or** CS 305 Concepts of Computer Programming	**3**
	Total Major Prerequisite Requirement Hours:	**22-24**
	Total General Education and Major Prerequisite Requirement Hours:	**63-65**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	BI 301/BI 301L Cell Structure and Function	4
	BI 302/BI 302L Genetics	4
	BI 303/BI 303L General Ecology **or** BI 453/BI 453L Plant Ecology*	4
	BI 304/BI 304L Diversity and Adaptations	4
	BI 470 Biology Capstone **or** BI 471 Research Thesis Capstone	1
	UNV 400 Career Seminar	1
	Biology elective courses at the 300/400 level approved by faculty advisor	13
	*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:	**34**

The Biology major must complete at least 15 semester hours of upper division biology coursework at Athens State University. The major who plans to attend graduate, medical, or other professional (e.g., veterinary, chiropractic, optometry, pharmacy, physical therapist) school, or who seeks special licensure or certification (e.g., medical lab scientist, wildlife biologist) should determine the specific requirements of the particular school, licensing program, 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 (MA 303), Statistics or Biostatistics (BI 312); Organic Chemistry I and II (CH 311, 312); Biochemistry (BI 409 or CH 409); and Physics I and II.

Exit Exam: An exit exam is required for graduation and is administered in BI 470 Biology Capstone or BI 471 Research Thesis 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, Genetics, and Organismal Biology.

Minor (Required)

		Hours
	Required Courses for Minor (minimum 18 hours)	18

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	10-12

		Hours
	Total Minimum Hours Required for Completion of Biology Major	**127**

Bachelor of Science - Biology Major: Bioinformatics Option

This option within the Biology major is designed to provide students with knowledge and skills that will give them the ability to relate to, modify, and code minor computer programs involved in the analysis and interpretation of biological datasets.

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 – Bioinformatics Option:

Applicable General University Requirements
Students earning the Bachelor of Science (BS) degree with a major in Biology – Bioinformatics 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**
	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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	College Chemistry I	**4**
	College Chemistry II	**4**
	Natural Science, Math, or Computer Science Elective	**3-4**
	BI 312/312L Biostatistics **or** Statistics (MTH 265, MA 331, or PS/SO 341) **or** Calculus I **or** Calculus II	**3-4**
	CHM 221 Organic Chemistry I **or** CH 311/311L Organic Chemistry I	**4-5**
	Computer Programming course (CIS 251 or CS 305) recommended; CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers accepted	**3**
	Total Major Prerequisite Requirement Hours:	**21-24**
	Total General Education and Major Prerequisite Requirement Hours:	**62-65**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	BI 301/BI 301L Cell Structure and Function	4
	BI 302/BI 302L Genetics	4
	BI 303/BI 303L General Ecology **or** BI 453/BI 453L Plant Ecology*	4
	BI 304/BI 304L Diversity and Adaptations	4
	BI 408/408L Bioinformatics	4
	BI 470 Biology Capstone **or** BI 471 Research Thesis Capstone	1
	UNV 400 Career Seminar	1
	Biology elective courses at the 300/400 level approved by faculty advisor	9
	*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:	**34**

Bioinformatics Option Course Requirements

	Course	Hours
	MA 308 Discrete Mathematics	3
	CS 309/CS309L Introduction to Digital Logic Design	4
	CS 317 Computer Science I **or** sufficient score on Placement Exam*****	0-3
	CS 318 Computer Science II	3
	CS 372 Data Structures	3
	CS 417 Topics in Object Oriented Programming **or** CS 472 Algorithm Analysis	3
	ITE 315 Scripting Languages and System Administration	3
	ITE 327/327L Database Systems and Database Systems Lab	4
	* Students who have completed CIS 251 C++ Programming or the equivalent may take a placement exam. Following the policy in place for students majoring in Computer Science or Information Technology, the CS 317 requirement (zero hours awarded) may be waived provided a sufficient score is achieved on this exam.	
	Total Option Requirement Hours:	**23-26**

The Biology major must complete at least 15 semester hours of upper division biology coursework at Athens State University.

Exit Exam: An exit exam is required for graduation and is administered in BI 470 Biology Capstone or BI 471 Research Thesis 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, Genetics, and Organismal Biology.

A minor is not required.

General Electives

		Hours
	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	**2-8**

		Hours
	Total Minimum Hours Required for Completion of Biology Major – Bioinformatics Option	**127**

Bachelor of Science - Biology Major: Cellular and Developmental Option

This option within the Biology major is designed particularly for students interested in continuing in fields associated with Cell and Development, including those interested in working in research labs or applying to graduate school or professional school.

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 – Cellular and Developmental Option:

Applicable General University Requirements
Students earning the Bachelor of Science (BS) degree with a major in Biology – Cellular and Developmental 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**
	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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	College Chemistry I	**4**
	College Chemistry II	**4**
	Natural Science Elective	**4**
	BI 312/312L Biostatistics **or** Statistics (MTH 265, MA 331, or PS/SO 341) **or** Calculus I	**3-4**
	CHM 221 Organic Chemistry I **or** CH 311/311L Organic Chemistry I	**4-5**
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers **or** CIS 201 Intro to Computer Programming Concepts **or** CIS 251 C++ Programming **or** CS 305 Concepts of Computer Programming	**3**
	Total Major Prerequisite Requirement Hours:	**22-24**
	Total General Education and Major Prerequisite Requirement Hours:	**63-65**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	BI 301/BI 301L Cell Structure and Function	4
	BI 302/BI 302L Genetics	4
	BI 303/BI 303L General Ecology **or** BI 453/BI 453L Plant Ecology*	4
	BI 304/BI 304L Diversity and Adaptations	4
	BI 470 Biology Capstone **or** BI 471 Research Thesis Capstone	1
	UNV 400 Career Seminar	1
	Biology elective courses at the 300/400 level approved by faculty advisor	13
	*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:	**34**

Cellular and Developmental Option Course Requirements

	Course	Hours
	Complete 12 semester hours from the following (all courses listed are 4 semester hours unless otherwise noted): 　　BI 408/408L Bioinformatics 　　BI 415/415L Microbial Diversity and Human Interactions 　　BI 423/423L Histology 　　BI 424/424L Advanced Physiology 　　BI 425/425L Developmental Biology 　　BI 427 Parasitology **(3 Hrs.)** 　　BI 429/429L Immunology 　　BI 434 Applying Lab Principles at HudsonAlpha 　　BI 441, 442, 443, 444 Special Topics in Biology **(1-4 Hrs.)*** 　　BI 450 Research Seminar **(1 Hr.)***	12
	***Content must be approved by faculty advisor**	
	Total Option Requirement Hours:	**12**

The Biology major must complete at least 15 semester hours of upper division biology coursework at Athens State University.

Exit Exam: An exit exam is required for graduation and is administered in BI 470 Biology Capstone or BI 471 Research Thesis 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, Genetics, and Organismal Biology.

Minor (Required)

Students with appropriate courses in allied health disciplines may be eligible to waive the required minor if approved by the faculty advisor through the University Curriculum Adjustment process.

		Hours
	Required Courses for Minor (minimum 18 hours)	18

		Hours
	Total Minimum Hours Required for Completion of Biology Major – Cellular and Developmental Option	**127**

Bachelor of Science - Biology Major: Ecology and Organismal Option

This option within the Biology major is designed particularly for students interested in continuing in fields associated with Ecology and Organismal Biology, including those interested in working as a field biologist, in field research, or applying to graduate school in forestry, wildlife biology, or ecology.

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 – Ecology and Organismal Option:

Applicable General University Requirements
Students earning the Bachelor of Science (BS) degree with a major in Biology – Ecology and Organismal 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**
	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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	College Chemistry I	**4**
	College Chemistry II	**4**
	Natural Science Elective	**4**
	BI 312/312L Biostatistics **or** Statistics (MTH 265, MA 331, or PS/SO 341) **or** Calculus I	**3-4**
	CHM 221 Organic Chemistry I **or** CH 311/CH311L Organic Chemistry I	**4-5**
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers **or** CIS 201 Intro to Computer Programming Concepts **or** CIS 251 C++ Programming **or** CS 305 Concepts of Computer Programming	**3**
	Total Major Prerequisite Requirement Hours:	**22-24**
	Total General Education and Major Prerequisite Requirement Hours:	**63-65**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	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 304/BI 304L Diversity and Adaptations	4
	BI 470 Biology Capstone <u>or</u> BI 471 Research Thesis Capstone	1
	UNV 400 Career Seminar	1
	Biology elective courses at the 300/400 level approved by faculty advisor	13
	*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:	**34**

Ecology and Organismal Option Course Requirements

	Course	Hours

	Complete 12 semester hours from the following (all courses listed are 4 semester hours unless otherwise noted):
	    BI 311/311L Biodiversity of North Alabama
	    BI 408/408L Bioinformatics
	    BI 411/411L Invertebrate Systematics and Morphology
	    BI 420 Field Vertebrate Zoology I: Ichthyology and Herpetology
	    BI 422 Field Vertebrate Zoology II: Ornithology and Mammalogy
	    BI 451/451L Marine Biology
	    BI 453/453L Plant Ecology
	    BI 441, 442, 443, 444 Special Topics in Biology **(1-4 Hrs.)***
	    BI 450 Research Seminar **(1 Hr.)***
		12

	*Content must be approved by faculty advisor	
	Total Option Requirement Hours:	**12**

The Biology major must complete at least 15 semester hours of upper division biology coursework at Athens State University.

Exit Exam: An exit exam is required for graduation and is administered in BI 470 Biology Capstone or BI 471 Research Thesis 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, Genetics, and Organismal Biology.

<u>**Minor (Required)**</u>

Students with appropriate courses in allied health disciplines may be eligible to waive the required minor if approved by the faculty advisor through the University Curriculum Adjustment process.

		Hours
	Required Courses for Minor (minimum 18 hours)	**18**

		Hours
	Total Minimum Hours Required for Completion of Biology Major – Ecology and Organismal Option	**127**

Bachelor of Science - Biology Major with Minor in 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 with minor in Education:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Biology with a minor in Education 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 cumulative GPA of at least 2.75, **and** a minimum GPA of 2.75 in both the Professional Studies and Teaching Field Course Requirements. 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
	PSY 210 Human Growth and Development **or** PS 334 Adolescent Psychology	3
	At least one history course*	3
	Other course in history or behavioral/social science	3
	***Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).**	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	College Chemistry I	4
	College Chemistry II	4
	Natural Science Elective	4
	Statistics (MTH 265, MA 331, or PS/SO 341) **or** Calculus I	3-4
	CHM 221 Organic Chemistry I **or** CH 311/311L Organic Chemistry I	4-5
	Total Major Prerequisite Requirement Hours:	19-21
	Total General Education and Major Prerequisite Requirement Hours:	**60-62**

Teaching Field 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
	BI 304/BI 304L Diversity and Adaptations	4
	BI 470 Biology Capstone **or** BI 471 Research Thesis Capstone	1
	Biology elective courses at the 300/400 level approved by faculty advisor	13
	Total Teaching Field Requirement Hours:	**30**
	(Total Credit Hours in Biology including Areas I-V: 38)	

Professional Studies Course Requirements (Education Minor)

	Course	Hours
	UNV 300 Pathways to Success	3
	ED 301 Introduction to Teaching	1
	ED 302 Foundations of Education	3
	ED 305 Technology & Media in Education (fulfills CIS 146 major/degree prerequisite requirement in Biology major)	3
	SC 331 Classroom Management in Secondary Education	3
	SC 333 Teaching Reading/Writing in the Content Areas	3
	SC 362 Assessment and Evaluation in Secondary Education	3
	SE 301 Survey of Exceptional Learners	3
	SC 400 Field Work Practicum I	1
	SC 401 Field Work Practicum II	1
	BI 456 Materials/Methods of Teaching Biology in the Middle School/High School	3
	UNV 400 Career Seminar	1
	SC 486 Internship in High School Education	4-12
	Total Professional Studies Requirement Hours:	**32**

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 teaching field and professional 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.

All students seeking a degree from the College of Education, or a degree from the College of Arts and Sciences with a minor in Education, and subsequent licensure and certification by the State of Alabama, are required to pass the appropriate Praxis II exams for their program of study. A complete listing of these exams along with required scoring information can be reviewed on the College of Education's webpage. **It is the student's responsibility to schedule and take these exams prior to applying for internship (student teaching).**

A student who does not complete all of the above Professional Studies requirements for the minor in Education and who does not wish to seek certification from the State of Alabama may still fulfill the requirements for the Biology major with a minor in Professional Studies (see minors section of this catalog).

This program of study is open to any student. Students who do not fulfill all Professional Studies Course requirements will not be eligible for licensure and certification by the Alabama State Department of Education.

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	**0-2**

		Hours
	Total Minimum Hours Required for Completion of Biology Major with minor in Education	**124**

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. Contact an Athens State Biology professor for more information.

A Dauphin Island Sea Lab Information Bulletin listing undergraduate summer school course offerings can be obtained early in the spring semester from Dauphin Island Sea Lab. Active courses of instruction sponsored by the MESC include the following:

Coastal Birds of Alabama	Ecology of the Coral Reef
Coastal Wetlands Ecology	Marine Biology
Marine Conservation Biology	Biotic Response to Sea Level Change
Marine Invertebrate Zoology	Environmental Applications of GIS
Shark and Ray Biology	Marine Botany
Marine Aquaculture	Marine Geology
Introduction to Neurobiology	Hurricanes of the Gulf Coast
Marine Ecology	Marine Mammal Health
Dolphins and Whales	Marine Vertebrate Zoology
Introduction to Oceanography	Marine Behavioral Ecology
Marine Mammals	Marine Restoration Ecology
Biology and Conservation of Marine Turtles	

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
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**42**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	Calculus II	4
	Calculus III	4
	General Physics I (calculus-based)	4
	General Physics II (calculus-based)	4
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers **or** Computer Programming Course (CIS 202, CIS 251, CS 305, or CS 317)	3
	Total Major Prerequisite Requirement Hours:	**19**
	Total General Education and Major Prerequisite Requirement Hours:	**61**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	CHM 221/221L **or** CH 311/CH 311L Organic Chemistry I	4-5
	CHM 222/222L **or** CH 312/CH 312L Organic Chemistry II	4-5
	CH 324/CH 324L Analytical Chemistry	4
	CH 420 Intermediate Inorganic Chemistry	3
	CH 430/CH 430L Physical Chemistry I	5
	CH 431/CH 431L Physical Chemistry II	4
	Approved 300/400 level Chemistry Electives (excluding CH 302 and CH 456)	11
	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	**39-41**

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 Departmental exit exam.

A minor is <u>not</u> required.

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	**22-24**

		Hours
	Total Minimum Hours Required for Completion of Chemistry Major	**124**

Bachelor of Science - Chemistry Major with Minor in 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 with a minor in Education:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Chemistry with a minor in Education 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 cumulative GPA of at least 2.75, **and** a minimum GPA of 2.75 in both the Professional Studies and Teaching Field Course Requirements. 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
	PSY 210 Human Growth and Development **or** PS 334 Adolescent Psychology	3
	At least one history course*	3
	Other course in history or behavioral/social science	3
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**42**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	Calculus II	4
	Calculus III	4
	General Physics I (Calculus based)	4
	General Physics II (Calculus based)	4
	Total Major Prerequisite Requirement Hours:	**16**
	Total General Education and Major Prerequisite Requirement Hours:	**58**

Teaching Field Course Requirements

	Course	Hours
	CHM 221/221L **or** CH 311/CH 311L Organic Chemistry I	**4-5**
	CHM 222/222L **or** CH 312/CH 312L Organic Chemistry II	**4-5**
	CH 324/CH 324L Analytical Chemistry	**4**
	CH 330 Environmental Chemistry	**3**
	CH 409 Biochemistry	**3**
	CH 420 Intermediate Inorganic Chemistry	**3**
	CH 430/CH 430L Physical Chemistry I	**5**
	CH 431/CH 431L Physical Chemistry II	**4**
	Approved 300/400 level Chemistry Elective (excluding CH 302 and CH 456)	**4**
	Total Teaching Field Requirement Hours:	**34-36**
	(Total Credit Hours in Chemistry including Areas I-V: 42-44)	

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 a Departmental exit exam similar to PRAXIS Chemistry.

Professional Studies Course Requirements (Education Minor)

	Course	Hours
	UNV 300 Pathways to Success	**3**
	ED 301 Introduction to Teaching	**1**
	ED 302 Foundations of Education	**3**
	ED 305 Technology & Media in Education (fulfills CIS 146 major/degree prerequisite requirement in Chemistry major)	**3**
	SC 331 Classroom Management in Secondary Education	**3**
	SC 333 Teaching Reading/Writing in the Content Areas	**3**
	SC 362 Assessment and Evaluation in Secondary Education	**3**
	SE 301 Survey of Exceptional Learners	**3**
	SC 400 Field Work Practicum I	**1**
	SC 401 Field Work Practicum II	**1**
	CH 456 Materials/Methods of Teaching Chemistry in the Middle School/High School	**3**
	UNV 400 Career Seminar	**1**
	SC 486 Internship in High School Education	**4-12**
	Total Professional Studies Requirement Hours:	**32**

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 teaching field or professional 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.

All students seeking a degree from the College of Education, or a degree from the College of Arts and Sciences with a minor in Education, and subsequent licensure and certification by the State of Alabama, are required to pass the appropriate Praxis II exams for their program of study. A complete listing of these exams along with required scoring information can be reviewed on the College of Education's webpage. **It is the student's responsibility to schedule and take these exams prior to applying for internship (student teaching).**

A student who does not complete all of the above Professional Studies requirements for the minor in Education and who does not wish to seek certification from the State of Alabama may still fulfill the requirements for the Chemistry major with a minor in Professional Studies (see minors section of this catalog).

This program of study is open to any student. Students who do not fulfill all Professional Studies Course requirements will not be eligible for licensure and certification by the Alabama State Department of Education.

		Hours
	Total Minimum Hours Required for Completion of Chemistry Major with minor in Education	**124**

COMPUTER SCIENCE (CS)

The B.S. in Computer Science degree program is accredited by the Computing Accreditation Commission of ABET, https://www.abet.org.

The degree in Computer Science provides 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. In addition to the Computer Science Professional Courses core curriculum, students must complete a concentration in Software and Systems, Cybersecurity, or Intelligent Systems.

The Software and Systems concentration is designed to prepare students for business and industry or graduate school. The goal of this curriculum is to prepare students to demonstrate competency in theory, systems, applications, and ethics.

The curriculum for the Cybersecurity concentration provides students with the knowledge of technologies and methods to protect the confidentiality, integrity, and availability of information and the computing devices that store information. The goal of this curriculum is to prepare students to be able to demonstrate understanding of information assurance issues, and have the skills to solve problems related to computer programming, computer networking, and information security.

The concentration in Intelligent Systems is designed to prepare students to solve real-world problems with contemporary tools and technologies in machine learning, artificial intelligence, and cloud computing. The goal of this curriculum is to provide students an adequate understanding of technological, business, and ethical issues of intelligent systems and have the skills to apply these methods to solve real-world problems.

The Computer Science Program adheres to the following requirements related to course substitutions for both Computer Science options:

- 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 ITE courses.
- Computer certification examinations will not substitute for any required or elective coursework.

Computer Science Program Student Outcomes:
Upon completion, Computer Science program graduates will demonstrate the following:
1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. Apply computer science theory and software development fundamentals to produce computing-based solutions.

Computer Science Program Objectives: 2 – 3 years after graduation
The Bachelor of Science with a major in Computer Science produces graduates who:
PO1. Are academically prepared to continue to graduate study or advance in their workplace,
PO2. Are skilled, competent, and capable of contributing to the workforce in their specialty,
PO3. Use the background they have acquired from their study of a wide range of areas in computer science as a basis for continued self-motivated growth of their professional skills and knowledge,
PO4. Model high ethical standards within the community and profession,
PO5. Use teamwork skills effectively in the development of computer software systems

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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	Precalculus Trigonometry*	**3**
	Calculus I	**4**
	Calculus II	**4**
	Calculus III	**4**
	Computer Programming Course	**3**
	*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:	**18**
	Total General Education and Major Prerequisite Requirement Hours:	**59**

Professional Course Requirements

	Fundamentals of Computer Science Courses	Hours
	CS 317 Computer Science I **or** sufficient score on Placement Exam	0-3
	CS 318 Computer Science II	3
	CS 309/309L Introduction to Digital Logic Design and Digital Design Lab	4
	CS 310 Professional Ethics of Computing	1
	CS 372 Data Structures	3
	MA 308 Discrete Mathematics	3
	Mathematics Background Courses	
	MA 310 Matrices and Linear Algebra	3
	MA 331 Applied Probability and Statistics	3
	Upper Level 300/400 Mathematics electives (MA 316, 320, 321, or 400-level MA courses except MA 454) with prior approval of the faculty advisor	6
	Information Technology Core Courses	
	ITE 305 Networking Fundamentals	2
	ITE 306 Local Area Networks	2
	ITE 327/327L Database Systems and Database Systems Lab	4
	Computer Science Core Courses	
	CS 340 Introduction to Assembly Language and Computer Organization	3
	CS 414 Programming Language	3
	CS 415 Operating Systems	3
	CS 472 Algorithm Analysis	3
	Student Success Courses	
	UNV 300 Pathways to Success	3
	UNV 400 Career Seminar (Students **must** register for the UNV 400 section that is taught by the designated CS /ITE professor)	1
	Capstone Experience Courses	
	CS 451 Software Engineering	3
	CS 452 Senior Software Engineering Project	3
	Total Professional Requirement Hours:	**56-59**

Additional Program Requirements

In addition to the Professional Courses above, Computer Science majors must complete **one of the following:**

- The Concentration in Software and Systems, **OR**
- The Concentration in Cybersecurity, **OR**
- The Concentration in Intelligent Systems.

Concentration in Software and Systems	
Computer Science and Information Technology Advanced Courses	**Hours**
CS 417 Topics in Object Oriented Programming	3
Software and Systems	

Select <u>one</u> class from the following:
    ITE 315 Scripting Languages and System Administration
    CS 365 Visual Application Development
    CS 367 Enterprise Application Development
    CS 380 Programming for the Web
    CS 382 Mobile Device Software Development
    CS 409 Computer Organization and Architecture
	3

Computing Theory	

Select <u>one</u> class from the following:
    CS 423 Computer Graphics
    CS 474 Introduction to Formal Language Theory
    CS 475 Introduction to the Theory of Computing
    CS 484 Applied Cryptography and System Security
	3

Networking and Security	

Select <u>one</u> class from the following:
    ITE 409/409L Network Security and Network Security Lab (4 hrs.)
    ITE 420 Fundamentals of Information Security
	3-4

	ITE 421 Digital Forensics	
	CS 454 System Security Management	
	Total Software and Systems Concentration Requirement Hours:	**12-13**

Concentration in Cybersecurity		
	Computer Networking Advanced Courses	**Hours**
	ITE 307 Wide Area Networks	**2**
	ITE 308 Network Architectures	**2**
	ITE 409/409L Network Security and Network Security Lab	**4**
	Information Security Courses	
	ITE 420 Fundamentals of Information Security	**3**
	ITE 421 Digital Forensics	**3**
	CS 454 System Security Management	**3**
	CS 484 Applied Cryptography and System Security	**3**
	Total Cybersecurity Concentration Requirement Hours:	**20**

Concentration in Intelligent Systems		
	Fundamental Intelligent Systems Courses	**Hours**
	CS 385 Pragmatic Artificial Intelligence – Cloud Based Machine Learning	**3**
	MA 422 Operations Research	**3**
	Advanced Artificial Intelligence Courses	
	CS 485 Modern Artificial Intelligence	**3**

	Select <u>two</u> classes from the following:
	    CS 486 Natural Language Processing
	    CS 487 Robotics
	    CS 488 AI Reasoning, Decisions, and Learning
	    CS 489 Soft Computing and Fuzzy Logic
		6

	Total Intelligent Systems Concentration Requirement Hours:	**15**

The Computer Science major must complete a minimum of 24 semester hours of upper division 300/400 level coursework in computer science (CS) or Information Technology (ITE) 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 <u>not</u> required.

		Hours
	Total Minimum Hours Required for Completion of Computer Science Major with Concentration in Software and Systems	**127-131**
	Total Minimum Hours Required for Completion of Computer Science Major with Concentration in Cybersecurity	**135-138**
	Total Minimum Hours Required for Completion of Computer Science Major with Concentration in Intelligent Systems	**130-133**

CRIMINAL JUSTICE (CJ)

The degree programs in Criminal Justice include a major in Criminal Justice, an option in Juvenile Justice Studies, and minors in Criminal Justice, Forensics and Investigation, Homeland Security and Administration, Forensic Psychology, and Cyber Criminology/Computer Forensics. The program also offers a certificate in Child Advocacy Studies. This major provides students with interdisciplinary knowledge of criminal, constitutional, and correctional law processes, investigation and evidence collection, policies, and management practices within criminal justice agencies and organizations. Courses in Forensics, Cyber, and Terrorism prepare students to use current technological approaches in investigation and science. Through internships and practicums, students engage in experiential learning and lab work to gain hands-on experience in specific sub-fields of criminal justice. The program prepares graduates to pursue employment in law enforcement, correctional administration, judicial administration, social agencies, non-profits, probation and parole, security, state and federal agencies, and investigation in government and private sectors and further study in graduate school.

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** 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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	Introduction to Criminal Justice	**3**
	Law Enforcement **or** Policing **or** Corrections **or** Security	**3**
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	**3**
	Total Major Prerequisite Requirement Hours:	**9**
	Total General Education and Major Prerequisite Requirement Hours:	**50**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	CJ 301 Criminal Justice Process	3
	CJ 302 Criminal Law	3
	CJ 400 Law Enforcement in America	3
	CJ 401 Adult Corrections	3
	CJ 452 Advanced Criminology	3
	CJ 453 Juvenile Delinquency	3
	PO 303 Comparative State and Local Government	3
	PS/SO 342 Methods of Behavioral Science Research **or** HPE/HWM 401 Measurement and Evaluation	3
	PSHA 377 Public Administration	3
	CJ/PSHA 455 Ethics in the Public Sector	3
	CJ 464 Internship in Criminal Justice	3
	CJ 465 Senior Research Project	4
	UNV 400 Career Seminar	1
	Criminal Justice Electives, Children's Advocacy Studies Training (CAST) Electives, CH 302 Introduction to Forensic Science, ITE 321 Systems Analysis and Design, or ITE 421 Digital Forensics	6
	Total Professional Requirement Hours:	**47**

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

A minor is <u>not</u> required.

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	27

		Hours
	Total Minimum Hours Required for Completion of Criminal Justice Major	**124**

Bachelor of Science – Criminal Justice Major: Juvenile Justice Studies Option

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 – Juvenile Justice Option:

Applicable General University Requirements
Students earning the Bachelor of Science (BS) degree with a major in Criminal Justice – Juvenile Justice Studies 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** 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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	Introduction to Criminal Justice	**3**
	Law Enforcement **or** Policing **or** Corrections **or** Security	**3**
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	**3**
	Total Major Prerequisite Requirement Hours:	**9**
	Total General Education and Major Prerequisite Requirement Hours:	**50**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	CJ 301 Criminal Justice Process	3
	CJ 302 Criminal Law	3
	CJ 400 Law Enforcement in America	3
	CJ 401 Adult Corrections	3
	CJ 452 Advanced Criminology	3
	CJ 453 Juvenile Delinquency	3
	PS 304 Drugs and Behavior **or** SO 362 Deviant Social Behavior	3
	PS 332 Child Psychology **or** PS 334 Adolescent Psychology	3
	PS 352 Abnormal Psychology **or** PS 420 Cognitive Psychology	3
	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	4
	HPE/HWM 401 Measurement and Evaluation	3
	CJ 464 Internship in Criminal Justice	3
	CJ 465 Senior Research Project	4
	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	**51**

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

A minor is not required.

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements (CJ/PO/PSHA 350 Introduction to the American Legal System, CJ/PSHA 455 Ethics in the Public Sector, and CH 302 Introduction to Forensic Science are recommended)	23

		Hours
	Total Minimum Hours Required for Completion of Criminal Justice Major – Juvenile Justice Studies Option	**124**

DRAMA AND THEATRE ARTS

The Drama and Theatre Arts program at Athens State University is designed to expand the activities and educational opportunities in the dramatic and theatre arts by offering students with any experience level in college theatre to seamlessly transfer into completing a Bachelor of Arts in Drama and Theatre Arts with Athens State University. Students earning a BA in Drama and Theatre Arts with Concentrations will acquire various fundamental performance and production techniques, develop dramaturgical skills by learning to critically analyze dramatic literature, dramatic theory, as well as current trends in the arts. Drama and Theatre Arts majors are also desirable employee candidates in a variety of areas such as acting, directing, teaching, community arts programs, directing, playwriting, producing, designing, set construction, production management, education, community activism, and art center management. The required academic training through research and scholarly writing accompanied by practical artistic experience with three annual mainstage productions, will allow Drama and Theatre Arts graduates to create a professional portfolio that is immediately applicable to continue their studies in an MA or MFA program in Drama, Theatre Arts, Theatre, Dance, Performance Studies, Acting, Directing, Theatre Arts Administration and many other areas.

Bachelor of Arts – Drama and Theatre Arts 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 Drama and Theatre Arts:

Applicable General University Requirements
Students earning the Bachelor of Arts (BA) degree with a major in Drama and Theatre Arts 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 two literature courses* (ENG 251 American Literature I and ENG 252 American Literature II recommended)	6
	Other course in humanities or fine arts	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)**	
	At least one history course*	3
	Other courses in history or behavioral/social science	9
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	3
	For Concentration in Theatre Design & Technology or Theatre General Studies:	
	Electives (Theatre Production/Design courses recommended)	18
	For Concentration in Musical Theatre:	
	THR 141 Intro to Dance in Theatre I	1
	THR 142 Intro to Dance in Theatre II	1
	MUL 101 Class Piano	1
	MUL 111 Class Voice I	1
	MUL 112 Class Voice II	1
	MUL 180 Chorale	2
	MUS 110 Basic Musicianship	3
	Electives (Theatre, Music, Voice or Piano recommended)	8
	Total Major Prerequisite Requirement Hours:	21
	Total General Education and Major Prerequisite Requirement Hours:	62

Professional Course Requirements

	Drama and Theatre Arts Core Curriculum	Hours
	EH 312 Dramatic Literature	3
	DR 313 Modern American Drama or DR 426 Renaissance Drama	3
	DR 319 Technical Theatre	3
	DR 333 Acting I	3
	DR 334 Acting II: Scene Study and Acting Shakespeare **or** DR 321 Principles of Scenic and Lighting Design	3
	DR 466 Practicum in Production	3
	University Success Courses	
	UNV 300 Pathways to Success (take during first semester)	3
	UNV 400 Career Seminar (take during final semester)	1
	Total Professional Requirement Hours:	22

Additional Program Requirements

In addition to the Professional Courses above, Drama and Theatre Arts must complete **one of the following:**

- The Concentration in Musical Theatre, **OR**
- The Concentration in Theatre Design and Technology, **OR**
- The Concentration in Theatre General Studies.

Concentration in Musical Theatre		Hours
	DR 315 Musical Theatre History	3
	DR 350 Jazz	3
	DR 351 Modern	3
	DR 352 Ballet	3
	DR 353 Tap Techniques	3
	DR 467 Musical Theatre Performance	2

	Choose **one** of the following sequences:
	    MU 315 Private Vocal I (2 hours) **AND** MU 316 Private Vocal II (2 hours)
	    OR
	    MU 302 Choral Class (3 hours) **AND** MU 302L Choral Lab (1 hour)
		4

	DR 400 Audition and Career Prep for Performers	2
	DR 401 Showcase (must be taken during semester in which student graduates)	1
	Total Musical Theatre Concentration Requirement Hours:	24

Concentration in Theatre Design and Technology		Hours
	AR 333 Graphic Design	**3**
	DR 316 Puppetry	**3**
	DR 322 Costume Design	**3**
	DR 323 Scenic Art	**3**
	DR 336 Theatre Production Management	**3**
	One other DR 300-400 level course or AR 300-400 level course	**3**
	DR 469 Drama Senior Thesis (must be taken during semester in which student graduates)	**3**
	Total Theatre Design/Technology Concentration Requirement Hours:	**21**

Concentration in Theatre General Studies		Hours
	DR 331 Dramatic Theory and Criticism	**3**

	Choose **one** Literature Course:
	    EH 325 Myth: Ritual and Culture
	    EH 425 Shakespeare
	    EH 431 Poetry and Poetics
		3

	Choose **two** History/Special Topics Courses:
	    DR 310 Film: History, Development, and Evaluation
	    DR 315 Musical Theatre History
	    DR 332 Adaptation and the Arts
	    DR 335 Movement and Stage Combat
	    DR 405 Playwriting
	    DR 455 Theatre for Young Audiences
		6

	Choose **one** Technical Theatre Course:
	    DR 316 Puppetry
	    DR 322 Costume Design
	    DR 323 Scenic Art
	    DR 336 Theatre Production Management
		3

	One additional DR 300-400 level course	**3**
	Drama 469 Drama Senior Thesis (must be taken during semester in which student graduates)	**3**
	Total Theatre General Studies Concentration Requirement Hours:	**21**

General Electives

		Hours
	Elective hours as needed to meet minimum 124-hour requirement and all other general University requirements (Total depends on concentration)	**16-19**

		Hours
	Total Minimum Hours Required for Completion of Drama and Theatre Arts Major with required Concentration	**124**

ENGLISH (EH)

The English programs at Athens State University are designed to convey to students a broad historical knowledge of English, American, and world literature in translation; to provide students with various tools to read critically works of diverse authors, periods, and genres; to cultivate a sophisticated habit of comprehending major problems, trends, and methods of literary, cultural, ethical, critical, and theoretical analysis; to develop the ability to pose questions, organize knowledge, and construct written arguments while systematically reviewing both technological and technical matters such as grammar, punctuation, and usage; and to be articulate in all of the above. Thus, the English programs are multifaceted. Students will find that the reading, writing, speaking, and critical thinking skills developed in these courses of study will help them pursue diverse careers. In addition to pursuing advanced degrees from graduate and professional schools, English majors are desirable employee candidates for teaching elementary through higher education, teaching English abroad, technical writing, editing, book and print publishing, web publishing, law, library science, and management. While offering students clear direction on how to profit most from their study within the disciplinary knowledge of the English department, the programs also seek to encourage students to assume the enduring habits of questioning, reading, and intellectual self-articulation consistent with Athens State University's learning goals of global understanding, effective communication, intellectual and practical skills, ethical responsibility, human diversity, digital citizenship and information literacy, and lifelong learning.

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** 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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	**3**
	Total Major Prerequisite Requirement Hours:	**3**
	Total General Education and Major Prerequisite Requirement Hours:	**44**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	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
	UNV 400 Career Seminar	1
	Elective courses in English - Choose **five** courses from the following: EH 304 Southern Literature EH 307 Major Authors I EH 308 Major Authors II EH 314 19th Century British Studies EH 316 American Masterpieces EH 400 Creative Writing EH/RE 416 Interpreting the Text EH 440 African-American Studies EH 450 Renaissance Literature 1550-1680 EH 451 The British Novel EH 454 Young Adult Literature	15
	Total Professional Requirement Hours:	**44**

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 (minimum 18 hours)	**18**

General Electives

		Hours
	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	**18**

		Hours
	Total Minimum Hours Required for Completion of English Major	**124**

Bachelor of Arts – English/Language Arts 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/Language Arts:

Applicable General University Requirements

Students earning the Bachelor of Arts (BA) degree with a major in English/Language Arts 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)**	
	ENG 261 English Literature I	3
	ENG 262 English Literature II	3
	Speech (SPH 106, 107) course	3
	THR 120 Theatre Appreciation **or** THR 126 Introduction to Theatre	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)**	
	General psychology course	3
	PSY 210 Human Growth and Development **or** PS 334 Adolescent Psychology	3
	At least one history course	3
	Other course in social/behavioral science	3
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	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
	CIS 146 Microcomputer Applications or ITE 301 Problem Solving with Computers	3
	Total Major Prerequisite Requirement Hours:	**15**
	Total General Education and Major Prerequisite Requirement Hours:	**56**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	**3**
	EH 303 Journalism	**3**
	EH 311 Drama Production	**3**
	EH 312 Dramatic Literature	**3**
	EH 320 Grammar	**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**
	EH 469 English Capstone Seminar (must be taken during semester in which student graduates)	**1**
	UNV 400 Career Seminar	**1**
	Total Professional Requirement Hours:	**38**

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
		Hours
	Required courses for minor (minimum 18 hours)	**18**

General Electives

		Hours
		Hours
	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	**12**

		Hours
		Hours
	Total Minimum Hours Required for Completion of English/Language Arts Major	**124**

Bachelor of Arts – English/Language Arts Major with Minor in 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 English/Language Arts with a minor in Education:

Applicable General University Requirements

Students earning the Bachelor of Arts (BA) degree with a major in English/Language Arts with a minor in Education 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 cumulative GPA of at least 2.75, **and** a minimum GPA of 2.75 in both the Professional Studies and Teaching Field Course Requirements. 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
	THR 120 Theatre Appreciation **or** THR 126 Introduction to Theatre	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)**	
	General psychology course	3
	PSY 210 Human Growth and Development **or** PS 334 Adolescent Psychology	3
	At least one history course	3
	Other course in social/behavioral science	3
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	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
	Total Major Prerequisite Requirement Hours:	**12**
	Total General Education and Major Prerequisite Requirement Hours:	**53**

Teaching Field Course Requirements

	Course	Hours
	EH 303 Journalism	3
	EH 311 Drama Production	3
	EH 312 Dramatic Literature	3
	EH 320 Grammar	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 Teaching Field Requirement Hours:	**33**
	(Total Credit Hours in English including Areas I-V: 51)	

Professional Studies Course Requirements (Education Minor)

	Course	Hours
	UNV 300 Pathways to Success	3
	ED 301 Introduction to Teaching	1
	ED 302 Foundations of Education	3
	ED 305 Technology & Media in Education (fulfills CIS 146 major/degree prerequisite requirement in English/Language Arts major)	3
	SC 331 Classroom Management in Secondary Education	3
	SC 333 Teaching Reading/Writing in the Content Areas	3
	SC 362 Assessment and Evaluation in Secondary Education	3
	SE 301 Survey of Exceptional Learners	3
	SC 400 Field Work Practicum I	1
	SC 401 Field Work Practicum II	1
	EH 457 Materials/Methods of Teaching English/Language Arts in the Middle School/High School	3
	UNV 400 Career Seminar	1
	SC 486 Internship in High School Education (fulfills EH 469 professional requirement in English/Language Arts major)	4-12
	Total Professional Studies Requirement Hours:	**32**

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 teaching field or professional 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.

All students seeking a degree from the College of Education, or a degree from the College of Arts and Sciences with a minor in Education, and subsequent licensure and certification by the State of Alabama, are required to pass the appropriate Praxis II exams for their program of study. A complete listing of these exams along with required scoring information can be reviewed on the College of Education's webpage. **It is the student's responsibility to schedule and take these exams prior to applying for internship (student teaching).**

A student who does not complete all of the above Professional Studies requirements for the minor in Education and who does not wish to seek certification from the State of Alabama may still fulfill the requirements for the English/Language Arts

major with a minor in Professional Studies (see minors section of this catalog).

This program of study is open to any student. Students who do not fulfill all Professional Studies Course requirements will not be eligible for licensure and certification by the Alabama State Department of Education.

<u>**General Electives**</u>

		Hours
	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	**6**

		Hours
	Total Minimum Hours Required for Completion of English/Language Arts Major with minor in Education	**124**

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)**	
	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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	ECO 231 Principles of Macroeconomics **or** ECO 232 Principles of Microeconomics **or** EC 310 Modern Economics	3
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	3
	Biology, Chemistry, Physics and/or designated science-based allied health courses	16
	Total Major Prerequisite Requirement Hours:	**22**
	Total General Education and Major Prerequisite Requirement Hours:	**63**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	BI 320/320L Human Nutrition	4
	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
	SO 351 American Public Policy/Political Sociology **or** HS 355 Health Policy in the U.S.	3
	HPE 401 Measurement and Evaluation	3
	HPE 450 Introduction to Epidemiology	3
	HS 320 Biomedical Ethics	3
	HS 400 Public Safety and Health Education	3
	HS 447 Public Health Concepts and Systems	3
	HS 465 Senior Research Project	4
	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	**39**

A minor is <u>not</u> required.

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	22

		Hours
	Total Minimum Hours Required for Completion of Health Science Major	**124**

Bachelor of Science - Health Science Major: Health Care Administration Option

The Health Science major with a Health Care Administration option prepares licensed and/or certified allied health practitioners with the academic skill set in administration to become leaders of allied health departments. This program is designed to attract allied health students in the areas of, but not limited to Medical Laboratory Technician, Occupational and Physical Therapy Assistants, Dental Assisting and Dental Hygiene, Diagnostic Imaging and Diagnostic Medical Sonography, Emergency Medical Services, Pharmacy Technology, and Respiratory Therapy.

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 – Health Care Administration Option:

Applicable General University Requirements
Students earning the Bachelor of Science (BS) degree with a major in Health Science-Health Care Administration 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** 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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	ECO 231 Principles of Macroeconomics **or** ECO 232 Principles of Microeconomics **or** EC 310 Modern Economics	**3**
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	**3**
	Biology, Chemistry, Physics and/or designated science-based allied health courses	**16**
	Total Major Prerequisite Requirement Hours:	**22**
	Total General Education and Major Prerequisite Requirement Hours:	**63**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	HCM 340 Introduction to Health Care Systems	3
	HCM 345 Management of Health Care Organizations	3
	HS 320 Biomedical Ethics	3
	HS 380 Essentials of Health Care Finance	3
	HS 447 Public Health Concepts and Systems	3
	HS 455 Health Care Administration Internship	3
	HS 465 Senior Research Project	4
	HS 481 Health Care Quality Assurance, Risk Management and Utilization Review	3
	HWM 401 Measurement and Evaluation	3
	HWM 450 Introduction to Epidemiology	3
	SO 351 American Public Policy/Political Sociology **or** HS 355 Health Policy in the U.S.	3
	UNV 400 Career Seminar	1
	Select **two** courses from the following: HWM 354 Contemporary Health HS 400 Public Safety and Health Education PSHA/MG 349 Human Resources Management PSHA 443 Special Topics in Public Safety and Health Administration PSHA 446 Public Sector Organizational Theory and Management PSHA 448 Managing the Public Safety and Health Emergency SO 352 Sociology of Health and Illness SO 471 Aging in a Mass Society	6
	Total Professional Requirement Hours:	**44**

A minor is <u>not</u> required.

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	**17**

		Hours
	Total Minimum Hours Required for Completion of Health Science Major – Health Care Administration Option	**124**

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
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	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** ITE 301 Problem Solving with Computers	3
	Treatment of Athletic Injuries **or** HPE 333 Care and Prevention of Athletic Injuries	3
	Total Major Prerequisite Requirement Hours:	**19**
	Total General Education and Major Prerequisite Requirement Hours:	**60**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	BI 320/320L Human Nutrition	4
	HWM 325 Kinesiology	3
	HWM 327 Physiology of Exercise	3
	HWM 354 Contemporary Health	3
	HWM 355 Health Related Fitness and Nutrition	3
	HWM 356 Health Promotions	3
	HWM 401 Measurement and Evaluation	3
	HWM 450 Introduction to Epidemiology	3
	MG 349 Human Resources Management	3
	HS 355 Health Policy in the U.S.	3
	HS 447 Public Health Concepts and Systems	3
	HS 465 Senior Research Project	4
	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	**42**

A minor is <u>not</u> required.

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	22

		Hours
	Total Minimum Hours Required for Completion of Health and Wellness Management Major	**124**

HISTORY (HY)

The degree programs in History aim to develop in their 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** 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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

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
CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	3
Total Major Prerequisite Requirement Hours:	**15**
Total General Education and Major Prerequisite Requirement Hours:	**56**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	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
	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	**37**

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 (minimum 18 hours)	18

General Electives

		Hours
	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	13

		Hours
	Total Minimum Hours Required for Completion of History Major	**124**

Bachelor of Arts - History Major: Public History Option

This option within the history and social science majors is designed particularly for students interested in working for historic sites, museums, and archives. It is intended to provide students with practical experience for the public history profession. The experience they gain through the public history course and the internships will help them to decide if public history is a good career for them. They will also gain valuable experience that will help them to gain employment and/or gain admission to the highly competitive graduate programs in archives and public history. This program will also help Athens State University to forge stronger ties to its local communities and the region. **Note:** The Public History option is not available to students pursuing a history major with minor in education for secondary licensure and certification.

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 – Public History Option:

Applicable General University Requirements
Students earning the Bachelor of Arts (BA) degree with a major in History –Public History 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** 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
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	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
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	3
	Total Major Prerequisite Requirement Hours:	**16**
	Total General Education and Major Prerequisite Requirement Hours:	**56**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	American History (300/400 level)	9
	European History (300/400 level)	9
	Non-Western History (300/400 level)	3
	HY 451 Senior History Seminar	3
	HY 463 Fundamentals of Public History	3
	HY 464 Internship in Public History	3
	HY 465 Internship in Public History	3
	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	**37**

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 (minimum 18 hours)	18

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	13

		Hours
	Total Minimum Hours Required for Completion of History Major – Public History Option	**124**

Bachelor of Arts - History Major with Minor in 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 with a minor in Education:

Applicable General University Requirements

Students earning the Bachelor of Arts (BA) degree with a major in History with a minor in Education 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 cumulative GPA of at least 2.75, **and** a minimum GPA of 2.75 in both the Professional Studies and Teaching Field Course Requirements. 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
	Other course in humanities or fine arts	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)**	
	United States History I and II	6
	General psychology course	3
	PSY 210 Human Growth and Development **or** PS 334 Adolescent Psychology	3
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	History of Western Civilization I and II **or** World History I and II (must be taken as a sequence)	6
	HIS 260 Alabama History **or** HY 302 Alabama History	3
	Total Major Prerequisite Requirement Hours:	**9**
	Total General Education and Major Prerequisite Requirement Hours:	**50**

Teaching Field Course Requirements

	Course	Hours
	American History (300/400 level)	
	Choose one course from: HY 303, HY 304, HY 305, HY 306	3
	Other American History electives	9
	European History (300/400 level)	
	Choose one course from HY 313, HY 314, HY 315, HY 351	3
	Other European History electives	9
	Non-Western History (300/400 level, neither American nor European)	
	Choose one course from: HY 325, HY 334, HY 340, HY 342, HY 351	3
	Other Non-Western History elective	3
	HY 451 Senior History Seminar	3
	Total Teaching Field Requirement Hours:	**33**
	(Total Credit Hours in History including Areas I-V: 48)	

Professional Studies Course Requirements (Education Minor)

	Course	Hours
	UNV 300 Pathways to Success	3
	ED 301 Introduction to Teaching	1
	ED 302 Foundations of Education	3
	ED 305 Technology & Media in Education (fulfills CIS 146 major/degree prerequisite requirement in History major)	3
	SC 331 Classroom Management in Secondary Education	3
	SC 333 Teaching Reading/Writing in the Content Areas	3
	SC 362 Assessment and Evaluation in Secondary Education	3
	SE 301 Survey of Exceptional Learners	3
	SC 400 Field Work Practicum I	1
	SC 401 Field Work Practicum II	1
	HY 450 Materials/Methods of Teaching History and Social Sciences in Middle School/High School	3
	UNV 400 Career Seminar	1
	SC 486 Internship in High School Education	4-12
	Total Professional Studies Requirement Hours:	**32**

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 teaching field or professional 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.

All students seeking a degree from the College of Education, or a degree from the College of Arts and Sciences with a minor in Education, and subsequent licensure and certification by the State of Alabama, are required to pass the appropriate Praxis II exams for their program of study. A complete listing of these exams along with required scoring information can be reviewed on the College of Education's webpage. **It is the student's responsibility to schedule and take these exams prior to applying for internship (student teaching).**

A student who does not complete all of the above Professional Studies requirements for the minor in Education and who does not wish to seek certification from the State of Alabama may still fulfill the requirements for the History major with a minor in Professional Studies (see minors section of this catalog).

This program of study is open to any student. Students who do not fulfill all Professional Studies Course requirements will not be eligible for licensure and certification by the Alabama State Department of Education.

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	**9**

		Hours
	Total Minimum Hours Required for Completion of History Major with minor in Education	**124**

INDIVIDUALIZED DEGREE PROGRAM (IDP)

The Individualized Degree Program major is offered through the College of Arts and Sciences. 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 of the Colleges of Arts and Sciences, Business, or Education. Primarily, the program serves the needs of those students seeking to enrich and 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 person highly skilled in analytic reading, critical listening, and high-level communication abilities, ready for further university study or employment.

IDP Program Goals

1. **Academic Integrity:** The IDP offers students the opportunity to develop an interdisciplinary degree specifically designed to meet their educational goals. This flexible program allows for systematic advising, teaching, learning, and assessment for the student and program.
2. **Cultural and Ethical Integrity:** The IDP helps students to be well-educated, critically- thinking community members who consider actions in terms of ethical behavior and positively contribute to society, as well as participate in policy evaluation in meaningful ways. The IDP seeks to challenge students to reach beyond previous knowledge and skills.
3. **Transformative Learning:** The IDP provides students with the opportunity to develop a unique, individualized program of study that encourages students to take responsibility for their own learning as well as develop as life-long learners.
4. **Entrepreneurship:** The IDP provides students with opportunities to investigate, develop, and communicate ideas that are new and innovative.

While generally no specified major courses are required for the Individualized Degree Program major, the student must comply with all requirements for the Bachelor of Science degree and applicable university requirements (See General University Requirements).

The following limitations apply to the Bachelor of Science in Individualized Degree Program:

- Individualized Degree Program may not be considered as a minor to any other degree program.
- Individualized Degree Program may not be considered as a second major with any other degree program.
- The Bachelor of Science with a major in Individualized Degree Program will be awarded only to students who have not declared a major in another program of study.
- The Bachelor of Science with a major in Individualized Degree Program will not be awarded concurrently with any other major.

Bachelor of Science - Individualized Degree Program 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 Individualized Degree Program:

Applicable General University Requirements
Students earning the Bachelor of Science (BS) degree with a major in Individualized Degree Program 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
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	3
	Total Major Prerequisite Requirement Hours:	**3**
	Total General Education and Major Prerequisite Requirement Hours:	**44**

Professional Course Requirements

	Course	Hours
	HU 301 Introduction to Individualized Degree Program	3
	UNV 300 Pathways to Success	3
	General Electives (At least 41 hours must be 300/400 level)	50
	HU 450 Individualized Degree Program Capstone Seminar	3
	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	**60**

General Electives

		Hours
	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	20

		Hours
	Total Minimum Hours Required for Completion of Individualized Degree Program Major	**124**

INFORMATION TECHNOLOGY (ITE)

The B.S. in Information Technology degree program is accredited by the Computing Accreditation Commission of ABET, https://www.abet.org.

A degree in Information Technology provides 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.

Students pursuing an Information Technology degree must choose to follow one of three concentrations: Applied Information Technology, Computer Networking, or Health Information Technology.

The Applied Information Technology concentration allows for flexibility in a student's degree. The concentration is adaptable by requiring the student to select a minor that will have focus to further prepare them to meet their career goals at the time of graduation. The Applied Information Technology concentration 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 Computer Networking concentration focuses on the technical aspects of computer networking. The goal of this curriculum is to prepare the students to be able to analyze, and design the different network architectures and security architectures that must be in place. Students will also learn the importance of using different network technologies to be able to protect data. The goal of this curriculum is to prepare the student for industry as a technically oriented member of an information technology support team or to take on the individual role of a network administrator.

The Health Information Technology concentration focuses on the technical aspects in relation to the medical field. The goal of this curriculum is to prepare the students to be able to analyze, collect, and protect patient information and medical records in addition to gaining knowledge Information Technology as its foundation. The goal of this curriculum is to prepare the student for industry as a technically oriented member of a health information technology team

The Information Technology program adheres to the following requirements related to course substitutions for all Information Technology concentrations:

- Introduction to Information Systems and BASIC Programming courses will not satisfy professional elective requirements in either of the ITE options.
- "System Analysis and Design" courses cannot be substituted for ITE 451 or ITE 452.
- "Work-based" credit cannot be substituted for ITE 451 or ITE 452 or other courses.
- Computer certification examinations will not substitute for any required or elective coursework.

Information Technology Program Student Outcomes:
1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. Use systematic approaches to select, develop, apply, integrate, and administer secure computing technologies to accomplish user goals.

Information Technology Program Objectives: 2 – 3 years after graduation
The Bachelor of Science with a major in Information Technology produces graduates who:
PO1. Are academically prepared to continue to graduate study or advance in their workplace,
PO2. Are skilled, competent, and capable of contributing to the workforce in their specialty,
PO3. Use the background they have acquired from their study of a wide range of areas in computer science as a basis for continued self-motivated growth of their professional skills and knowledge,
PO4. Model high ethical standards within the community and profession,
PO5. Use teamwork skills effectively in the development of computer software systems.

Bachelor of Science – Information Technology 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 Information Technology:

Applicable General University Requirements
Students earning the Bachelor of Science (BS) degree with a major in Information Technology 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 Trigonometry **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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	Calculus I **or** Business Calculus	**3-4**
	Statistics Course (BUS 271, MTH 265, GBA 305 **or** MA 331)	**3**
	Computer Programming Course	**3**
	Total Major Prerequisite Requirement Hours:	**9-10**
	Total General Education and Major Prerequisite Requirement Hours:	**50-51**

Professional Course Requirements

	Computer Science Core Courses	Hours
	CS 317 Computer Science I **or** sufficient score on Placement Exam	**0-3**
	CS 318 Computer Science II	**3**
	CS 309/309L Introduction to Digital Logic Design and Digital Design Lab	**4**
	CS 310 Professional Ethics of Computing	**1**
	CS 372 Data Structures	**3**
	CS 380 Programming for the Web	**3**
	MA 308 Discrete Mathematics	**3**
	Computer Networking Core Courses	
	ITE 305 Networking Fundamentals	**2**
	ITE 306 Local Area Networks	**2**
	Information Technology Core Courses	
	ITE 315 Scripting Languages and System Administration	**3**
	ITE 321 Systems Analysis and Design	**3**
	ITE 327/327L Database Systems and Database Systems Lab	**4**
	ITE 420 Fundamentals of Information Security	**3**
	ITE 441 Systems Integration and Architecture	**3**
	ITE 450 Human Computer Interaction	**3**
	Student Success Courses	
	UNV 300 Pathways to Success	**3**
	UNV 400 Career Seminar (Students **must** register for the UNV 400 section that is taught by the designated CS /ITE professor)	**1**
	Capstone Experience Courses	
	ITE 451 Software Engineering	**3**
	ITE 452 Senior Software Engineering Project	**3**
	Total Professional Requirement Hours:	**50-53**

Additional Program Requirements

In addition to the Professional Courses above, Information Technology students must complete **one of the following**:

- The Concentration in Applied Information Technology (requires completion of a minor), **OR**
- The Concentration in Computer Networking, **OR**
- The Concentration in Health Information Technology.

Concentration: Applied Information Technology		
	Information Technology Core Courses	**Hours**
	ITE 365 Visual Application Development **or** ITE 367 Enterprise Application Development **or** ITE 382 Mobile Device Software Development	**3**
	Approved Elective Courses	

	Select courses from the following (minimum 6 credit hours required, courses listed are 3 semester hours unless otherwise noted):
	     ITE 307 Wide Area Networks (2 hrs.)
	     ITE 308 Network Architectures (2 hrs.)
	     ITE 365* Visual Application Development
	     ITE 367* Enterprise Application Development
	     ITE 382* Mobile Device Software Development
	     must be different from class taken for ITE Core Course
	     ITE 371 Health Information Technology Concepts and Practices
	     ITE 405 Internetworking Devices (2 hrs.)
	     ITE 406 The Internet (2 hrs.)
	     ITE 407 Network Processes and Protocols (2 hrs.)
	     ITE 408 Enterprise Network Design and Management (2 hrs.)
	     ITE 421 Digital Forensics
	     Any 400-level Computer Science Course
		6

	Required Minor with approval from advisor	**18**
	Total Concentration Requirement Hours:	**27**

	Concentration: Computer Networking	
	Computer Science Core Courses	**Hours**
	CS 340 Introduction to Assembly Language and Computer Organization	**3**
	CS 409 Computer Organization and Architecture	**3**
	CS 415 Operating Systems	**3**
	Computer Networking Core Courses	
	ITE 307 Wide Area Networks	**2**
	ITE 308 Network Architecture	**2**
	ITE 405 Internetworking Devices	**2**
	ITE 406 The Internet	**2**
	ITE 407 Network Processes and Protocols	**2**
	ITE 408 Enterprise Network Design & Management	**2**
	ITE 409/409L Network Security and Network Security Lab	**4**
	Approved Elective Course	
	Select a course from the following (courses listed are 3 semester hours unless otherwise noted): ITE 365 Visual Application Development ITE 367 Enterprise Application Development ITE 371 Health Information Technology Concepts and Practices ITE 382 Mobile Device Software Development ITE 421 Digital Forensics ITE 471 Information and Communication Systems in Health Care *Any 400-level Computer Science Course*	**3**
	Total Concentration Requirement Hours:	**28**

	Concentration: Health Information Technology	
	Information Technology Core Courses	**Hours**
	ITE 371 Health Information Technology Concepts and Practices	**3**
	ITE 471 Information and Communication Systems in Health Care	**3**
	Health Science and Health Care Courses	
	HCM 340 Introduction to Health Care Systems	**3**
	HS 320 Biomedical Ethics	**3**
	HS 455 Health Care Administration Internship	**3**
	Approved Elective Courses	
	Select courses from the following (minimum 12 credit hours required, courses listed are 3 semester hours unless otherwise noted): ITE 365 Visual Application Development ITE 367 Enterprise Application Development ITE 382 Mobile Device Software Development ITE 421 Digital Forensics *Any 400-level Computer Science Course*	**12**
	Total Concentration Requirement Hours:	**27**

The Information Technology major must complete a minimum of 24 semester hours of upper division 300/400 level coursework in Computer Science (CS) or Information Technology (ITE) at Athens State.

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

		Hours
	Total Minimum Hours Required for Completion of the Information Technology Major with Concentration in Applied Information Technology <u>or</u> Health Information Technology	**127-131**

		Hours
	Total Minimum Hours Required for Completion of the Information Technology Major with Concentration in Computer Networking	**128-132**

MATHEMATICS (MA)

The degree programs in Mathematics prepare students for careers in government, business, and industry or for pursuing graduate studies. The Mathematics major is designed to prepare students for employment in business and industry or for a mathematical foundation for graduate study in mathematics. The Mathematics major with a minor in Education prepares the student to teach mathematics at the high school or middle grade level. Either Mathematics program qualifies students to pursue graduate studies or assists students to meet the goal of becoming highly qualified in mathematics for state licensure.

Bachelor of Science - Mathematics 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 Mathematics:

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:**
- 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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	Precalculus Trigonometry	**3**
	Calculus I, II, and III	**12**
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	**3**
	Total Major Prerequisite Requirement Hours:	**18**
	Total General Education and Major Prerequisite Requirement Hours:	**59**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	CS 317 Computer Science I **or** the equivalent	3
	(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)	
	MA 308 Discrete Mathematics	3
	MA 310 Matrices and Linear Algebra **or** MTH 237 Linear Algebra	3
	MA 320 Introduction to Abstract Algebra	3
	MA 314 College Geometry **or** MA 321 Differential Equations **or** MTH 238 Applied Differential Equations	3
	MA 330 Advanced Mathematical Software	3
	MA 331 Applied Probability and Statistics **or** MA 431 Introduction to Mathematical Statistics	3
	(When one of these statistics courses has been taken to satisfy the professional requirements, the other may be taken as a math elective)	
	MA 470 Senior Mathematics Seminar	3
	UNV 400 Career Seminar	1

	Choose three from the following Mathematics electives to include a sequence in **either** MA 401 Complex Variables and MA 452 Introductory Real Analysis, **or** MA 422 Operations Research and MA 423 Numerical Analysis. MA 401 and MA 452 are recommended for those majors planning on attending graduate school:
	     MA 314 College Geometry **or** MA 321 Differential Equations **or** MTH 238 Applied
	     Differential Equations
	     MA 316 Vector Analysis
	     MA 331 Applied Probability and Statistics
	     MA 380 Topics in Secondary Mathematics **(limited to students seeking teaching licensure and certification)**
	     MA 401 Complex Variables
	     MA 422 Operations Research
	     MA 423 Numerical Analysis
	     MA 431 Introduction to Mathematic Statistics
	     MA 445 Mathematical Modeling and Simulation
	     MA 452 Introductory Real Analysis
	     MA 480 Special Topics in Mathematics
		9

	Total Professional Requirement Hours:	**37**

Exit Exam: An exit exam is required for graduation. The non-licensure Mathematics major may choose the PRAXIS II Mathematics Content Test 5161 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 must report the results to their advisor. The Mathematics major with a minor in Education is required to take the Praxis II Mathematics Content Test.

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

		Hours
	Required courses for minor (minimum 18 hours)	**18**

General Electives

		Hours
	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	**10**

		Hours
	Total Minimum Hours Required for Completion of Mathematics Major	**124**

Bachelor of Science - Mathematics Major with Minor in 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 with a minor in Education:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Mathematics with a minor in Education 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 cumulative GPA of at least 2.75, **and** a minimum GPA of 2.75 in both the Professional Studies and Teaching Field Course Requirements. 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	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
	PSY 210 Human Growth and Development **or** PS 334 Adolescent Psychology	3
	At least one history course*	3
	Other course in history or behavioral/social science	3
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	Precalculus Trigonometry	3
	Calculus I, II, and III	12
	Total Major Prerequisite Requirement Hours:	**15**
	Total General Education and Major Prerequisite Requirement Hours:	**56**

Teaching Field 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 **or** MTH 237 Linear Algebra	3
	MA 314 College Geometry **or** MA 321 Differential Equations **or** MTH 238 Applied Differential Equations (**Note**: MA 314 **is required** for students seeking licensure and certification)	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

	Choose three from the following Mathematics electives:
	    MA 314 College Geometry **or** MA 321 Differential Equations **or** MTH 238 Applied Differential Equations
	    MA 316 Vector Analysis
	    MA 380 Topics in Secondary Mathematics **(required for students seeking teaching licensure and certification)**
	    MA 401 Complex Variables
	    MA 422 Operations Research
	    MA 423 Numerical Analysis
	    MA 431 Introduction to Mathematical Statistics
	    MA 445 Mathematical Modeling and Simulation
	    MA 452 Introductory Real Analysis
	    MA 480 Special Topics in Mathematics
	(The MA 401/MA 452 sequence is an option strongly encouraged for all Mathematics majors interested in enrolling in graduate level mathematics or mathematics education programs or for those majors seeking secondary mathematics education licensure)
		9

	Total Teaching Field Requirement Hours:	33
	(Total Credit Hours in Mathematics including Areas I-V: 48)	

Professional Studies Course Requirements (Education Minor)

	Course	Hours
	UNV 300 Pathways to Success	3
	ED 301 Introduction to Teaching	1
	ED 302 Foundations of Education	3
	ED 305 Technology & Media in Education (fulfills CIS 146 major/degree prerequisite requirement in Mathematics major)	3
	SC 331 Classroom Management in Secondary Education	3
	SC 333 Teaching Reading/Writing in the Content Areas	3
	SC 362 Assessment and Evaluation in Secondary Education	3
	SE 301 Survey of Exceptional Learners	3
	SC 400 Field Work Practicum I	1
	SC 401 Field Work Practicum II	1
	MA 454 Materials/Methods of Teaching Mathematics in Middle School/High School	3
	UNV 400 Career Seminar	1
	SC 486 Internship in High School Education	4-12
	Total Professional Studies Requirement Hours:	32

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 teaching field or professional 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.

All students seeking a degree from the College of Education, or a degree from the College of Arts and Sciences with a minor in Education, and subsequent licensure and certification by the State of Alabama, are required to pass the appropriate Praxis II exams for their program of study. A complete listing of these exams along with required scoring information can be reviewed on the College of Education's webpage**. It is the student's responsibility to schedule and take these exams prior to applying for internship (student teaching).**

If a student, at any time, changes from the Mathematics major with a minor in Education to the Mathematics major without the Education minor, the student must meet all requirements for that major; therefore, mathematics electives should be chosen carefully. A student may **not** earn a double major in mathematics by completing requirements of both programs of study. Students desiring a strong preparation for graduate school should take MA 321, MA 401 and MA 452.

A student who does not complete all of the above Professional Studies requirements for the minor in Education and who does not wish to seek certification from the State of Alabama may still fulfill the requirements for the Mathematics major with a minor in Professional Studies (see minors section of this catalog).

This program of study is open to any student. Students who do not fulfill all Professional Studies Course requirements will not be eligible for licensure and certification by the Alabama State Department of Education.

General Electives

		Hours
	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	**3**

		Hours
	Total Minimum Hours Required for Completion of Mathematics Major with minor in Education	**124**

NURSING

The Bachelor of Science in Nursing program is intended for registered nurses (RNs) who have successfully completed an accredited diploma or an Associate Degree in Nursing (ADN) program and are already licensed to practice as an RN in their home state. The program is designed to prepare knowledgeable professionals whose care reflects evidence-based and ethical practice in the nursing profession. In addition to baccalaureate-level nursing content, the program will include content in healthcare management and leadership designed to support RNs in advancing their careers in nursing.

Note: All admitted students must have completed an Associate Degree in Nursing program and hold a current license to practice as an RN in Alabama or another state.

Bachelor of Science in Nursing - Nursing 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 in Nursing degree with a major in Nursing:

Applicable General University Requirements
Students earning the Bachelor of Science in Nursing (BSN) degree with a major in Nursing 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**	
	ENG 101 English Composition	3
II	**Humanities/Fine Arts (6 hours total)**	
	SPH 106 Fundamentals of Oral Communication **OR** SPH 107 Fundamentals of Public Speaking	3
	Other course in humanities	3
III	**Mathematics and Natural Sciences (12 hours total)**	
	BIO 201/202 Human Anatomy and Physiology I and II	8
	BIO 220 Microbiology	4
IV	**History/Behavioral and Social Sciences (3 hours total)**	
	PSY 210 Human Growth and Development	3
	Total General Education Requirement Hours:	**24**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	EH 301 Advanced Composition	3
	ITE 301 Problem Solving with Computers	3
	Humanities and Fine Arts (to include 1 Literature Course)*	6
	History, Behavioral and Social Sciences (to include 1 History course)*	6
	Economics (EC 310, EC 320 **or** EC 348 recommended)	3
	MA 301 Precalculus Algebra	3
	PS 341 Statistics With Advanced Topics In Behavioral Science	3
	*Must have a sequence of either 2 Literature courses or 2 History courses. Please consult your advisor for options.	
	Total Major Prerequisite Requirement Hours:	**27**
	Total General Education and Major Prerequisite Requirement Hours:	**51**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	HCM 340 Introduction to Health Care Systems	3
	HCM 345 Management of Health Care Organizations	3
	HS 355 Health Policy in the U.S.	3
	HCM 356 Legal and Ethical Issues in Health Care Management	3
	HS 380 Essentials of Health Care Finance	3
	HS 481 Health Care Quality Assurance, Risk Management and Utilization Review	3
	NUR 370 Healthcare Informatics	3
	NUR 410 Community Health Management	3
	NUR 440 Leadership in Practice	3
	NUR 460 Nursing Capstone	3
	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	**34**

A minor is <u>not</u> required.

General Electives

	Elective hours as needed to meet minimum 124-hour requirement and all other general University requirements. (Students may use hours from 100-, 200-level coursework taken for Associate Degree leading to RN; however**, per University policy, no more than 64 hours of community college credit can be applied towards a bachelor's degree**.)	39

		Hours
	Total Minimum Hours Required for Completion of Bachelor of Science in Nursing – Nursing Major	**124**

PSYCHOLOGY (PS)

In accordance with the tenets for authentic learning in psychology established by the American Psychological Association, the Psychology Program at Athens State University is committed to guiding students to become psychologically literate citizens of the 21st century by providing a broad and balanced understanding of psychology as a social and natural science. Students gain knowledge, skills, and values consistent with the science and application of psychological principles. The program emphasizes the value of psychology for developing insight into one's own and others' behavior and mental processes. In addition, the program focuses on recognizing, understanding, and respecting the complexity of sociocultural diversity.

Students pursuing a Psychology degree are prepared to enter a variety of careers such as mental health, social service, counseling, or advocacy. In addition, the degree prepares students for graduate studies in a many subfields of psychology.

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** 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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	PSY 200 General Psychology **or** any upper-level (300/400) psychology course	**3**
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	**3**
	Total Major Prerequisite Requirement Hours:	**6**
	Total General Education and Major Prerequisite Requirement Hours:	**47**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	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 Experimental Psychology	3
	PS 406 Physiological Psychology	3
	PS 420 Cognitive Psychology	3
	PS 499 Thinking, Writing, and Speaking in the Behavioral Sciences	3
	UNV 400 Career Seminar	1
	Psychology electives (300/400 level)	12
	Total Professional Requirement Hours:	**43**

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 (minimum 18 hours)	18

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	16

		Hours
	Total Minimum 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** 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
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	PSY 200 General Psychology **or** any upper-level (300/400) psychology course	3
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	3
	Total Major Prerequisite Requirement Hours:	**6**
	Total General Education and Major Prerequisite Requirement Hours:	**47**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	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 Experimental Psychology	3
	PS 406 Physiological Psychology	3
	PS 420 Cognitive Psychology	3
	PS 499 Thinking, Writing, and Speaking in the Behavioral Sciences	3
	UNV 400 Career Seminar	1
	Psychology electives (300/400 level)	12
	Total Professional Requirement Hours:	**43**

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.

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	34

		Hours
	Total Minimum Hours Required for Completion of Psychology Major	**124**

PUBLIC SAFETY AND HEALTH ADMINISTRATION (PSHA)

The Bachelor of Science degree with a major in Public Safety and Health Administration provides students an educational background focused in the administration of public agencies promoting community health and safety at all levels of government. Fire, police, public works, public health, and emergency medical services personnel frequently interact during various emergency situations. The PSHA program is mostly geared towards students with working experience in preventing, responding to, managing, and reducing the consequences of such public emergencies. Through rigorous coursework, the program prepares professionals for increased management and administration responsibilities in emergency response and allied health agencies, 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** 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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	**3**
	The remaining major prerequisite hours must be completed in Fire Sciences/Fire Services Management (FSC), Criminal Justice (CRJ), Emergency Medical Services (EMS), Environmental Technology (EVT), Allied Health/Health Science programs, Nursing, or Wastewater Management (WMT)	**19**
	Total Major Prerequisite Requirement Hours:	**22**
	Total General Education and Major Prerequisite Requirement Hours:	**63**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	HPE 354 Contemporary Health	3
	HS 447 Public Health Concepts and Systems	3
	PO 303 Comparative State and Local Government	3
	PS/SO 342 Methods of Behavioral Science Research **or** HPE/HWM 401 Measurement and Evaluation	3
	SO 351 American Public Policy/Political Sociology	3
	PSHA 349 Human Resources Management	3
	PSHA 350 Introduction to the American Legal System	3
	PSHA 377 Public Administration	3
	PSHA 380 Public Budgeting and Finance	3
	PSHA 446 Public Sector Organizational Theory and Management	3
	PSHA 448 Managing the Public Safety and Health Emergency	3
	PSHA 455 Ethics in the Public Sector	3
	PSHA 465 Senior Research Project	4
	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	**44**

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.

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	**17**

		Hours
	Total Minimum 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 examines sacred texts of different religious traditions, the relationship between religion and culture, the historical and literary aspects of 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 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** 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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	REL 151 Survey of the Old Testament **or** REL 152 Survey of the New Testament **or** RE 308 Essentials of Biblical Studies	**3**
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	**3**
	Total Major Prerequisite Requirement Hours:	**6**
	Total General Education and Major Prerequisite Requirement Hours:	**47**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	REL 100 History of World Religions **or** RE 301 Religions That Shaped the World	3
	PH 300 Moral Values in Today's Society	3
	REL 101 Survey of Church History I **or** REL 102 Survey of Church History II **or** RE 401 History of Judaism **or** RE 402 History of Islam **or** HY 310 History of American Religion	3
	RE 308 Essentials of Biblical Studies	3
	RE 327 Sociology of Religion	3
	RE 351 Introduction to Christian Thought	3
	RE 409 Christian Thought in Early Centuries **or** RE 412 The Hebrew Prophets **or** RE 413 Psalms and Wisdom Literature	3
	RE 416 Interpreting the Text	3
	RE 464 Religious Studies Capstone Course	1
	UNV 400 Career Seminar	1
	Electives from the Area of Religion **or** Philosophy at the 300/400 level	9
	Total Professional Requirement Hours:	**38**

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 (minimum 18 hours). For details, see the Minors section of this catalog.

General Electives

	Elective hours as needed to meet minimum 124-hour requirement and all other general University requirements	
	General Electives (with completion of 18 semester hour minor)	**21**
	General Electives (without a minor)	**39**

		Hours
	Total Minimum Hours Required for Completion of Religion Major	**124**

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** higher mathematics course	3
	Natural Sciences (lab based)	8
IV	**History/Behavioral and Social Sciences (12 hours total)**	
	United States 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 (Area V)

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	3
	Western Civilization I and II **or** World History I and II	6
	HIS 260 Alabama History **or** HY 302 Alabama History	3
	POL 211 American National Government	3
	Economics (Macroeconomics **and** Microeconomics)	6
	GEO 100 World Regional Geography **or** GO 300 World Regional Geography	3
	Total Major Prerequisite Requirement Hours:	**24**
	Total General Education and Major Prerequisite Requirement Hours:	**65**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	EC 310 Modern Economics **or** EC 320 Introduction to International Commerce	3
	HY 307 American Constitutional Law	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** POL 220 State and Local Government	3
	SO 351 American Public Policy/Political Sociology	3
	SS 453 International Relations: America and the World	3
	HY/GO 340 South America, Africa and Asia	3
	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	**37**

A minor is <u>not</u> required.

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	22

		Hours
	Total Minimum Hours Required for Completion of Social Science Major	**124**

Bachelor of Science - Social Science Major: Public History Option

This option within the history and social science majors is designed particularly for students interested in working for historic sites, museums, and archives. It is intended to provide students with practical experience for the public history profession. Public history courses and internships prepare students for careers related to public history and/or admission to graduate programs in archives and public history. **Note:** The Public History option is not available to students pursuing a social science major with minor in education for secondary licensure and certification.

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 – Public History Option:

Applicable General University Requirements
Students earning the Bachelor of Science (BS) degree with a major in Social Science – Public History 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**
	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** higher mathematics course	**3**
	Natural Sciences (lab based)	**8**
IV	**History/Behavioral and Social Sciences (12 hours total)**	
	United States 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 (Area V)

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	3
	Western Civilization I and II **or** World History I and II	6
	HIS 260 Alabama History **or** HY 302 Alabama History	3
	POL 211 American National Government	3
	Economics (Macroeconomics **and** Microeconomics)	6
	GEO 100 World Regional Geography **or** GO 300 World Regional Geography	3
	Total Major Prerequisite Requirement Hours:	**24**
	Total General Education and Major Prerequisite Requirement Hours:	**65**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	EC 310 Modern Economics **or** EC 320 Introduction to International Commerce	3
	300/400 level American History courses	6
	300/400 level Non-American History courses	6
	PO 303 Comparative State and Local Government **or** POL 220 State and Local Government	3
	SO 351 American Public Policy/Political Sociology	3
	HY 451 Senior History Seminar	3
	HY 463 Fundamentals of Public History	3
	HY 464 Internship in Public History	3
	HY 465 Internship in Public History	3
	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	**37**

A minor is <u>not</u> required.

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	**22**

		Hours
	Total Minimum Hours Required for Completion of Social Science Major – Public History Option	**124**

Bachelor of Science - Social Science Major with Minor in 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 with a minor in Education:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Social Science with a minor in Education 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 cumulative GPA of at least 2.75, **and** a minimum GPA of 2.75 in both the Professional Studies and Teaching Field Course Requirements. 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
	Other course in humanities or fine arts	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)**	
	United States History I and II	6
	General psychology course	3
	Introduction to Sociology	3
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	Western Civilization I and II **or** World History I and II (must be taken as a sequence)	6
	HIS 260 Alabama History **or** HY 302 Alabama History	3
	POL 211 American National Government	3
	Economics (Macroeconomics **and** Microeconomics)	6
	GEO 100 World Regional Geography **or** GO 300 World Regional Geography	3
	Total Major Prerequisite Requirement Hours:	**21**
	Total General Education and Major Prerequisite Requirement Hours:	**62**

Teaching Field Course Requirements

	Course	Hours
	EC 310 Modern Economics **or** EC 320 Introduction to International Commerce	3
	HY 307 American Constitutional Law	3
	HY 451 Senior History Seminar	3
	American History (300/400 level)	
	Choose one course from: HY 303, HY 304, HY 305, HY 306	3
	Other American History elective	3
	Non-American History (300/400 level)	
	Choose one course from: HY 313, HY 314, HY 315, HY 325, HY 334, HY 342, HY 351	3
	Other Non-American History elective	3
	PO 303 Comparative State and Local Government **or** POL 220 State and Local Government	3
	SO 351 American Public Policy/Political Sociology	3
	SS 453 International Relations: America and the World	3
	HY/GO 340 South America, Africa and Asia	3
	Total Teaching Field Requirement Hours:	**33**
	(Total Credit Hours in Social Science disciplines including Areas I-V: 60)	

Professional Studies Course Requirements (Education Minor)

	Course	Hours
	UNV 300 Pathways to Success	3
	ED 301 Introduction to Teaching	1
	ED 302 Foundations of Education	3
	ED 305 Technology & Media in Education (fulfills CIS 146 major/degree prerequisite requirement in Social Science major)	3
	SC 331 Classroom Management in Secondary Education	3
	SC 333 Teaching Reading/Writing in the Content Areas	3
	SC 362 Assessment and Evaluation in Secondary Education	3
	SE 301 Survey of Exceptional Learners	3
	SC 400 Field Work Practicum I	1
	SC 401 Field Work Practicum II	1
	SS 450 Materials/Methods of Teaching History and Social Sciences in Middle School/High School	3
	UNV 400 Career Seminar	1
	SC 486 Internship in High School Education	4-12
	Total Professional Studies Requirement Hours:	**32**

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 teaching field or professional 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.

All students seeking a degree from the College of Education, or a degree from the College of Arts and Sciences with a minor in Education, and subsequent licensure and certification by the State of Alabama, are required to pass the appropriate Praxis II exams for their program of study. A complete listing of these exams along with required scoring information can be reviewed on the College of Education's webpage. **It is the student's responsibility to schedule and take these exams prior to applying for internship (student teaching).**

A student who does not complete all of the above Professional Studies requirements for the minor in Education and who does not wish to seek certification from the State of Alabama may still fulfill the requirements for the Social Science major with a minor in Professional Studies (see minors section of this catalog).

This program of study is open to any student. Students who do not fulfill all Professional Studies Course requirements will not be eligible for licensure and certification by the Alabama State Department of Education.

		Hours
	Total Minimum Hours Required for Completion of Social Science Major with minor in Education	**127**

SOCIOLOGY (SO)

The Sociology Program at Athens State University provides a broad and balanced view of sociology as a social and natural science. Students gain a deep understanding of how society works and develop the knowledge, skills, and values consistent with the science and application of sociological principles. The program emphasizes the value of sociology for developing insight into one's own and others' behavior at the institutional level. In addition, the program focuses on recognizing, understanding, and respecting the complexity of sociocultural diversity.

Students pursuing a Sociology degree are prepared to enter a variety of careers in the helping professions. In addition, the degree prepares students for graduate studies in many subfields of sociology.

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** 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**
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	**3**
	SOC 200 Introduction to Sociology **or** any upper-level (300/400) sociology course	**3**
	Total Major Prerequisite Requirement Hours:	**6**
	Total General Education and Major Prerequisite Requirement Hours:	**47**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	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
	UNV 400 Career Seminar	1

	Sociology electives (300/400 level) – In addition to courses with the SO prefix, the following courses may also be taken as Sociology electives:
	    CJ 360 Race, Criminality, and Social Justice
	    CJ 401 Adult Corrections
	    CJ 452 Advanced Criminology
	    CJ 453 Juvenile Delinquency
	    GO 300 World Regional Geography
	    PH 300 Moral Values in Today's Society
	    PO 350 Introduction to the American Legal System
		9

	Total Professional Requirement Hours:	**40**

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

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 (minimum 18 hours)	18

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	19

		Hours
	Total Minimum 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** 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
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	**41**

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications **or** ITE 301 Problem Solving with Computers	3
	SOC 200 Introduction to Sociology **or** any upper-level (300/400) sociology course	3
	Total Major Prerequisite Requirement Hours:	**6**
	Total General Education and Major Prerequisite Requirement Hours:	**47**

Professional Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	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
	UNV 400 Career Seminar	1
	Sociology electives (300/400 level) – In addition to courses with the SO prefix, the following courses may also be taken as Sociology electives: 　　CJ 360 Race, Criminality, and Social Justice 　　CJ 401 Adult Corrections 　　CJ 452 Advanced Criminology 　　CJ 453 Juvenile Delinquency 　　GO 300 World Regional Geography 　　PH 300 Moral Values in Today's Society 　　PO 350 Introduction to the American Legal System	9
	Total Professional Requirement Hours:	**40**

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

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 <u>not</u> required.

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	37

		Hours
	Total Minimum Hours Required for Completion of Sociology Major	**124**

College of Arts and Sciences Certificate Programs

Biblical Studies

Requirements for the Certificate in Biblical Studies **(a grade of "C" or better must be achieved on all required courses; please consult course descriptions for possible prerequisites):**

	Course	Hours
	RE 308 Essentials of Biblical Studies	3
	RE 409 Christian Thought in Early Centuries	3
	RE 412 The Hebrew Prophets **or** RE 413 Psalms and Wisdom Literature	3
	Total Required Hours:	**9**

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; please consult course descriptions for possible prerequisites):**

	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	4
	CA 402 Mock Cases and Simulations Practicum	1
	Total Required Hours:	**11**

Health Care Administration

Requirements for the Certificate in Health Care Administration **(a grade of "C" or better must be achieved on all required courses; please consult course descriptions for possible prerequisites):**

	Course	Hours
	HS 355 Health Policy in the U. S.	3
	HS 380 Essentials of Health Care Finance	3
	HS 481 Health Care Quality Assurance, Risk Management, and Utilization Review	3
	HCM 340 Introduction to Health Care Systems **or** HS 455 Health Care Administration Internship	3
	Total Required Hours:	**12**

Information Security

Requirements for the Certificate in Information Security **(a grade of "C" or better must be achieved on all required courses; please consult course descriptions for possible prerequisites):**

	Course	Hours
	ITE 409/409L Network Security and Network Security Lab	4
	ITE 420 Foundations of Information Security	3
	ITE 421 Digital Forensics	3
	CS 454 System Security Management	3
	CS 484 Applied Cryptography and System Security	3
	Total Required Hours:	**16**

Interactive Design

This program consists of 4 courses that prepare students to create websites, interface, and experience designs. Students will learn UI/UX design, digital media design, and web development for multimedia applications. The program will emphasize user research and visual design for effective digital communication and usability. Requirements for the Certificate in Interactive Design **(a grade of "C" or better must be achieved on all required courses; please consult course descriptions for possible prerequisites):**

	Course	Hours
	AR 302 Adobe Photoshop Essentials	**3**
	CS 307 Foundations of Web Development	**3**
	ITE 350 UX Design	**3**
	AR 405 Interface Design	**3**
	Total Required Hours:	**12**

Pastoral Leadership

Requirements for the Certificate in Pastoral Leadership **(a grade of "C" or better must be achieved on all required courses; please consult course descriptions for possible prerequisites):**

	Course	Hours
	RE 320 Church Management and Finances	**3**
	RE 410 Leading Change in Faith Communities and Other Non-Profits	**3**
	RE 426 Social Change and Transformational Leadership	**3**
	Total Required Hours:	**9**