

Athens State University

Founded 1822

2023-2024 Undergraduate Academic Catalog

ADDENDUM, No. 4

ACCREDITATION

Athens State University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award bachelor's and master's degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Athens State University.

The College of Education at Athens State University is accredited by the Council for the Accreditation of Educator Preparation (CAEP), 1140 19th St., N.W. Suite 400, Washington, D.C. 20036. The [Council for the Accreditation of Educator Preparation \(CAEP\)](#) became the sole accrediting body for educator preparation providers on July 1, 2013, replacing the former NCATE accreditation body.

The College of Business at Athens State University is nationally accredited by the Accreditation Council for Business Schools and Programs (ACBSP), 11520 West 119th Street, Overland Park, Kansas 66213, (913) 339-9356.

Athens State University is approved by the Alabama State Department of Education for the training of early childhood, elementary, collaborative, physical education, secondary, and postsecondary school teachers. The Alabama State Department of Education is a member of the National Association of State Directors of Teacher Education Certification.

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

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

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A Non-Profit, State Institution of Higher Learning

This catalog addendum is the annual announcement of the undergraduate academic programs, requirements, and regulations of Athens State University. The information contained in this Addendum was approved after the initial catalog timeline. Students enrolling in the University are subject to the provisions stated herein. 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.

Nondiscrimination/Equal Opportunity Statement

Athens State University, as an equal opportunity/affirmative action institution, complies with all applicable federal and state laws regarding nondiscrimination and affirmative action. Athens State University does not discriminate on the basis of race, color, national origin, age, marital status, gender, gender identity, gender expression, pregnancy, sexual orientation, disability, religion, genetic information, or veteran status in employment, or admissions to or participation in educational programs and activities. Inquiries or concerns may be addressed to the Office of the Vice President for Financial Affairs, 300 N. Beaty St., Athens, AL 35611, 256-216-3303.

Accessibility/Disability

Athens State University complies with section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) of 1990 including all updated regulations and guidance. Athens State University strives to provide a dynamic and appropriate instructional environment and workplace to meet the needs of students, employees and citizens of the communities served. It is the policy of the University that a good faith effort shall be made to meet the accommodation requests of persons with disabilities. Athens State University employees and citizens should contact the Office of Human Resources, (256) 216-3314, to complete the procedure for requesting an accommodation. Students with disabilities may contact Accessibility Services (formerly Disability Services), located in the Sandridge Student Center Room 122, (256) 233-8143, accessibility.services@athens.edu.

Harassment and Discrimination

If any person feels he/she has been harassed or discriminated against, the person should follow the University's [Harassment and Discrimination Policy and Procedure](#). Complaints of sexual misconduct should follow the University's [Sexual Misconduct Policy and Procedure](#). The University can only take action against alleged offenders and protect the University from future incidents if occurrences of harassment and discrimination are reported in a timely fashion.

Privacy of Student Records - Education Rights and Privacy Act of 1974

Athens State University complies with the provisions of the Family Educational Rights and Privacy Act (FERPA) of 1974 as amended. FERPA sets forth the requirements pertaining to the privacy of student records, and the rights of students with respect to their education records. For complete FERPA information, see the Records section of this catalog or the University's online Policy Library.

State Transfer and Articulation Reporting System (STARS)

The State Transfer and Articulation Reporting System (STARS) is a web-based based articulation and transfer planning system designed to inform students who attend public two-year and four-year institutions about approved transfer courses and programs. STARS is an efficient and effective way of providing students, counselors, advisors, and administrators with accurate information upon which transfer decisions may be made. STARS is the information link between the public institutions of higher education in the State of Alabama. The STARS system, if used properly, can prevent the loss of course credit hours, can provide direction for scheduling of course work, and can ease the transition from one institution to another. Transfer guides and additional information can be obtained directly through the [STARS website](#).

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College of Arts and Sciences

C. David Ragsdale, D.M.A. – Dean

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. Athens State University art/design programs deliver some of the course requirements only through Distance Learning. This is indicated by a (DL) in the course description.

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 or equivalent	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 <u>or</u> 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 <u>or</u> 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 <u>or</u> 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 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 or equivalent	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 <u>or</u> BI 471 Research Thesis Capstone	1
	Bi 325 Research Methods	3
	Biology elective courses at the 300/400 level approved by faculty advisor	12
	Total Teaching Field Requirement Hours:	32
	(Total Credit Hours in Biology including Areas I-V: 38)	

Professional Studies Course Requirements (Education/STEM Minor)

	Course	Hours
	UNV 300 Pathways to Success	3
	ASTE 303 Steps 1&2: Inquiry-Based Teaching and Lesson Design	2
	ASTE 325 Knowing/Learning in Math & Science	3
	ASTE 326 Classroom Interactions	3
	ASTE 410 Perspectives on Science and Math	3
	ASTE 415 Project-Based Instruction	3
	UNV 400 Career Seminar	1
	ASTE 425 Apprentice Teaching	6
	ASTE 426 Apprentice Teaching Seminar	1
	Total Professional Studies Requirement Hours:	25

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	5-7
	Total Minimum Hours Required for Completion of Biology Major with minor in Education	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 or equivalent	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
	CH 325 Research Methods	3
	Approved 300/400 level Chemistry Elective (excluding CH 302 and CH 456)	4
	Total Teaching Field Requirement Hours:	37-39
	(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/STEM Minor)

	Course	Hours
	UNV 300 Pathways to Success	3
	ASTE 303 Steps 1&2: Inquiry-Based Teaching and Lesson Design	2
	ASTE 325 Knowing/Learning in Math & Science	3
	ASTE 326 Classroom Interactions	3
	ASTE 410 Perspectives on Science and Math	3
	ASTE 415 Project-Based Instruction	3
	UNV 400 Career Seminar	1
	ASTE 425 Apprentice Teaching	6
	ASTE 426 Apprentice Teaching Seminar	1
	Total Professional Studies Requirement Hours:	25

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.

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	2-4
		Hours
	Total Minimum Hours Required for Completion of Chemistry Major with minor in Education	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 or equivalent	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 <u>or</u> 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
	MU 302 University Singers (1 hour course – need at least 4 semesters)	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
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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

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 or equivalent	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 <u>or</u> MTH 237 Linear Algebra	3
	MA 314 College Geometry <u>or</u> MA 321 Differential Equations <u>or</u> 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 <u>or</u> MA 321 Differential Equations <u>or</u> 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/STEM Minor)

Course	Hours
UNV 300 Pathways to Success	3
ASTE 303 Steps 1&2: Inquiry-Based Teaching and Lesson Design	2
ASTE 325 Knowing/Learning in Math & Science	3
ASTE 326 Classroom Interactions	3
ASTE 410 Perspectives on Science and Math	3
ASTE 415 Project-Based Instruction	3
UNV 400 Career Seminar	1
ASTE 425 Apprentice Teaching	6
ASTE 426 Apprentice Teaching Seminar	1
Total Professional Studies Requirement Hours:	25

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	10

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

Bachelor of Science in Public Health

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 Public Health:

Applicable General University Requirements

Students earning the Bachelor of Science degree 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 <u>or</u> 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

Professional Course Requirements

Professional Courses	Hours
UNV 300 Pathways to Success	3
HS 300 Foundations of Public Health	3
HWM 401 Measurement and Evaluation	3
HWM 450 Introduction to Epidemiology	3
HS 447 Public Health Concepts and Systems	3
HS 465 Senior Research Project	4
HS 355 Health Policy in the US	3
HS/SO 352 Sociology of Health and Illness	3
HCM 340 Introduction to Health Care Systems	3
HS 451 Environmental Health and Regulation	3
PSHA 455 Ethics in the Public Sector	3
HS 305 Survey of Human Disease	3
HS 310 Global Health: Determinants and Disparities	3
UNV 400 Career Seminar	1
Total Professional Requirement Hours:	41

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	39

		Hours
	Total Minimum Hours Required for Completion of Public Health Major	124

SOCIAL SCIENCE (SS) *Corrected course name only in Professional Course Requirements*

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 or equivalent	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 <u>or</u> 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 <u>or</u> 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 430 or HY 431 Globalization: Concepts and History OR Human Expansion: History of Trade, Travel, Tourism, and Empire	3
	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	37

A minor is not required.

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	22
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		Hours
	Total Minimum Hours Required for Completion of Social Science Major	124

College of Arts and Sciences Certificate Programs

Fundamentals of Software Development

Requirements for the Certificate in Fundamentals of Software Development (a grade of “C” or better must be achieved on all required courses; please consult course descriptions for possible prerequisites):

	Course	Hours
	CS 317 Computer Science I	3
	CS 318 Computer Science II	3
	CS 372 Data Structures	3
	Application Development: Select one from CS 365, CS 380, CS 367 or CS 382	3
	Total Required Hours	12

Advanced Software Development

Requirements for the Certificate in Advanced Software Development (a grade of “C” or better must be achieved on all required courses; please consult course descriptions for possible prerequisites):

	Course	Hours
	CS 414 Programming Languages	3
	CS 415 Operating Systems	3
	CS 417 Topics in Object-Oriented Programming	3
	CS 472 Algorithm Analysis	3
	Total Required Hours	12

College of Business

Troy A. Adair, Jr., Ph.D. – Dean

Bachelor of Science – Marketing and Analytics (no minor required)

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 Marketing and Analytics (no minor):

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree 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 or GBA 301 Windows Applications for Business	3
	BUS 241 Principles of Accounting I or AC 305 Fundamentals of Accounting I	3
	BUS 242 Principles of Accounting II or AC 306 Fundamentals of Accounting II	3
	BUS 271 Business Statistics or MTH 265 Elementary Statistics or GBA 305 Stat Methods of Business I or MA 331 Applied Probability and Statistics	3
	BUS 272 Business Statistics II or GBA 306 Stat Methods of Business II	3
	BUS 263 Legal & Social Environment of Business or BUS 261 Business Law I or GBA 311 Legal Environment of Business	3
	Total Major Prerequisite Requirement Hours:	18
	Total General Education and Major Prerequisite Requirement Hours:	59

Professional Course Requirements

	Professional Courses	Hours
	UNV 300 Pathways to Success	3
	MG 320 Organizational Communication (<i>MUST be taken 1st semester</i>) or BUS 215 Business Communications	3
	MG 302 Management Information Systems (<i>should be taken 1st semester</i>)	3
	MG 346 Principles of Management and Leadership (<i>should be taken 1st semester</i>) or BUS 275 Principles of Management	3
	MK 331 Marketing Principles or BUS 285 Principles of Marketing	3
	MG 303 Management Decision Support Systems	3
	MK 335 Integrated Marketing Communications	3
	MK 336 Consumer Behavior	3
	MK 337 Digital Marketing	3
	MK 338 Marketing Analytics I	3
	MK 339 Marketing Analytics II	3
	MG 350 Financial Management	3
	MG 352 International Business or EC 320 International Economics and Trade	3
	MG 417 Management of Change	3
	MK 431 Marketing Research	3
	MK 433 Marketing Strategies and Policies	3
	MK 434 Sales Management	3
	MK 499 Advanced Marketing Analytics Research/Project	3
	MG 420 Business Policy (<i>Capstone course: A final average of at least 70% must be achieved. Course should be taken final semester.</i>)	3
	MG 480 Seminar in Business (<i>Senior seminar: A final average of at least 70% must be achieved. Course should be taken final semester.</i>)	1
	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	59

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	6
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	Hours
Total Minimum Hours Required for Completion of Marketing and Analytics Major (no minor required)	124

College of Business Certificate Programs

Space Systems Management

Requirements for the Certificate in Space Systems Management – **Any 5 courses (a grade of “C” or better must be achieved on all required courses; please consult course descriptions for possible prerequisites):**

	Course	Hours
	ASM/MG 481 – Spacecraft Environments	3
	ASM/MG 482 – Mission Planning and Control	3
	ASM/MG 483 – Space Laws and Treaties	3
	ASM/MG 484 – Space Exploration Strategies	3
	ASM/MG 485 – Aircraft Propulsion Systems	3
	ASM/MG 486 – Rocket and Spacecraft Propulsion	3
	ASM/MG 487 – Aviation Risk Management	3
	ASM/MG 488 – Aircraft Systems and Flight Engineering	3
	ASM/MG 489 – Aviation and Space Human Factors	3
	ASM/MG 490 – Aerodynamics and Flight Performance	3
	ASM/MG 491 – Commercial Space Enterprises	3
	Total Required Hours	15

College of Education

Katherine Kandalec Holm, EdD – Interim Dean

Bachelor of Science in Education – Collaborative Special Education (K-6)

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 Education degree with a major in Special Education K-6:

Applicable General University Requirements

Students earning the Bachelor of Science in Education (B.S.Ed.) degree with a major in Special 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 2.50, **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 or equivalent	3
	Speech (SPH 106, 107) course	3
	At least one literature course*	3
	Other courses in humanities or fine arts	3
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math <u>or</u> higher mathematics course	3
	Natural sciences (lab-based) (recommended courses are Biology and Physical Science courses that will help students prepare for the Elementary Multiple Subjects Praxis II test)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course*	3
	Human/Child Growth and Development course or Child Psychology (PSY 210, PSY 211, or PS 332 acceptable)	3
	Other courses in history or behavioral/social science	6
	*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
	Natural Science course (lab-based)	4
	Mathematics courses (lower level math 100 or above, not to include Remedial or Technical Math)	6
	One upper level mathematics course (which could include Precalculus Algebra or MA 311 Advanced Math for Teachers)	3
	Total Major Prerequisite Requirement Hours:	13
	Total General Education and Major Prerequisite Requirement Hours:	54

Professional Studies Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	ED 301 Introduction to Teaching	1
	ED 302 Foundations of Education	3
	ED 305 Technology and Media in Education	3
	ESOL 322 Second Language Acquisition	3
	SE 301 Survey of Exceptional Learners	3
	<u>SE 476 Internship in Collaborative Education K-6</u>	6-12
	Total Professional Studies Requirement Hours:	22

Teaching Field Course Requirements

	Course	Hours
	EL 321 Curriculum & Instruction: Language Arts	3
	ER 323 Curriculum & Instruction: Primary Reading	3
	ER 325 Foundations of Reading for the Emergent Reader	3
	EL 324 Curriculum & Instruction: Primary Math	3
	EL 413 Curriculum & Instruction: Intermediate Reading	3
	EL 420 Curriculum and Instruction: Science	3
	<u>EL 423 Curriculum and Instruction: Social Studies</u>	3
	<u>EL 424 Curriculum & Instruction: Intermediate Mathematics</u>	3
	SE 315 Educational Implications and Teaching Approaches for Learners with Exceptionalities	3
	SE 355 Curriculum & Instruction for Learners with High Incidence Disabilities	3
	SE 395 Culturally Responsive Classroom Management and Student Engagement	3
	SE 402 Assessment for Exceptional Learners	3
	<u>SE 425 Collaboration for Instruction and for Program Planning</u>	3
	SE 435 Curriculum & Instruction for Students with Moderate to Severe Disabilities	3
	SE 450 Approaches to Managing Challenging Behaviors	3
	SE 455 Language Development and Developmental Interactions	3
	UNV 400 Career Seminar	1
	Total Teaching Field Requirement Hours:	49

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

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

		Hours
	Total Minimum Hours Required for Completion of Special Education (K-6) Major	125

Bachelor of Science in Education - Collaborative Special Education (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 in Education degree with a major in Special Education 6-12:

Applicable General University Requirements

Students earning the Bachelor of Science in Education (B.S.Ed.) degree with a major in Special 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 2.50, **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 or equivalent	3
	Speech (SPH 106, 107) course	3
	At least one literature course*	3
	Other courses in humanities or fine arts	3
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or higher mathematics course	3
	Natural sciences (lab-based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course*	3
	Human Growth and Development course (PSY 210 or PS 334 acceptable)	3
	Other courses in history or behavioral/social science	6
	*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
Natural Science course (lab-based)	4
Mathematics courses (lower level math 100 or above, not to include Remedial or Technical Math)	6
One upper level mathematics course (which could include Precalculus Algebra or MA 311 Advanced Math for Teachers)	3
Total Major Prerequisite Requirement Hours:	13
Total General Education and Major Prerequisite Requirement Hours:	54

Professional Studies Course Requirements

Course	Hours
UNV 300 Pathways to Success	3
ED 301 Introduction to Teaching	1
ED 302 Foundations of Education	3
ED 305 Technology and Media in Education	3
ESOL 322 Second Language Acquisition	3
SE 301 Survey of Exceptional Learners	3
<u>SE 478 Internship in Collaborative Education 6-12</u>	6-12
Total Professional Studies Requirement Hours:	
	22

Teaching Field Course Requirements

Course	Hours
ER 323 Curriculum & Instruction: Primary Reading	3
ER 325 Foundations of Reading for the Emergent Reader	3
EL 324 Curriculum & Instruction: Primary Math	3
EL 413 Curriculum & Instruction: Intermediate Reading	3
<u>EL 424 Curriculum & Instruction: Intermediate Mathematics</u>	3
SC 333 Teaching Reading/Writing in the Content Areas	3
SE 315 Educational Implications and Teaching Approaches for Learners with Exceptionalities	3
SE 355 Curriculum & Instruction for Learners with High Incidence Disabilities	3
SE 395 Culturally Responsive Classroom Management and Student Engagement	3
SE 402 Assessment for Exceptional Learners	3
SE 415 Transition Planning & Learning Strategies for Adolescents with Disabilities	3
<u>SE 425 Collaboration for Instruction and for Program Planning</u>	3
SE 435 Curriculum & Instruction for Students with Moderate to Severe Disabilities	3
SE 450 Approaches to Managing Challenging Behaviors	3
UNV 400 Career Seminar	1
Total Teaching Field Requirement Hours:	
	43

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

To submit a substitution request for other professional and teaching field 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.

General Electives

Electives:

- Must be approved by the faculty advisor
- May not include Professional Studies coursework
- May come from courses required for approved/established minors

Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	5
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	Hours
Total Minimum Hours Required for Completion of Special Education (6-12) Major	124

Bachelor of Science in Education – Elementary/Collaborative (K-6)

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 Education degree with a major in Elementary/Collaborative:

Applicable General University Requirements

Students earning the Bachelor of Science in Education (B.S.Ed.) degree with a major in Elementary/Collaborative 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 2.50, **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 or equivalent	3
	Speech (SPH 106, 107) course	3
	At least one literature course*	3
	Other courses in humanities or fine arts	3
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or higher mathematics course	3
	Natural sciences (lab-based) (recommended courses are Biology and Physical Science courses that will help students prepare for the Elementary Content Knowledge Praxis II test)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course*	3
	Human/Child Growth and Development course or Child Psychology (PSY 210, PSY 211, or PS 332 acceptable)	3
	Other courses in history or behavioral/social science	6
	*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
	Natural Science course (lab-based)	4
	Mathematics courses (lower level math 100 or above, not to include Remedial or Technical Math)	6
	One upper level mathematics course (which could include Precalculus Algebra or MA 311 Advanced Math for Teachers)	3
	Total Major Prerequisite Requirement Hours:	13
	Total General Education and Major Prerequisite Requirement Hours:	54

Professional Studies Course Requirements

	Course	Hours
	UNV 300 Pathways to Success	3
	ED 301 Introduction to Teaching	1
	ED 302 Foundations of Education	3
	ED 305 Technology and Media in Education	3
	ESOL 322 Second Language Acquisition	3
	SE 301 Survey of Exceptional Learners	3
	SE 476 Internship in Collab or EL 482 ELE Education K-6	6
	Total Professional Studies Requirement Hours:	22

Teaching Field Course Requirements

	Course	Hours
	AR 310 Fine Arts Connection	1
	EL 321 Curriculum & Instruction: Language Arts	3
	EL 324 Curriculum & Instruction: Primary Math	3
	EL 351 Assessment Strategies for the Elementary Classroom	3
	EL 352 Curriculum & Instruction: Management Strategies	3
	EL 413 Curriculum & Instruction: Intermediate Reading	3
	EL 420 Curriculum & Instruction: Science	3
	<u>EL 423 Curriculum & Instruction: Social Studies</u>	3
	<u>EL 424 Curriculum & Instruction: Intermediate Mathematics</u>	3
	EL 484 Curriculum Seminar in Elementary Education	3
	ER 323 Curriculum & Instruction: Primary Reading	3
	ER 325 Foundations of Reading – Emergent Reader	3
	HPE 428 Early Childhood and Elementary Physical Education Curriculum	1
	SE 315 Educational Implications and Teaching Approaches for Learners with Exceptionalities	3
	SE 355 Curriculum & Instruction for Learners with High Incidence Disabilities	3
	SE 395 Culturally Responsive Classroom Management and Student Engagement	3
	SE 402 Assessment for Exceptional Learners	3
	<u>SE 425 Collaboration for Instruction and for Program Planning</u>	3
	SE 435 Curriculum & Instruction for Students with Moderate to Severe Disabilities	3
	SE 450 Approaches to Managing Challenging Behaviors	3
	SE 455 Language Development and Developmental Interaction	3
	UNV 400 Career Seminar	1
	Total Teaching Field Requirement Hours:	60

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

To submit a substitution request for other professional and teaching field 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.

General Electives

Electives:

- Must be approved by the faculty advisor
- May not include Professional Studies coursework
- May come from courses required for approved/established minors

		Hours
	Total Minimum Hours Required for Completion of Elementary/Collaborative (K-6) Major	136

College of Education Certificate Programs

Certificate in Autism and Developmental Disabilities

	Course	Hours
	SE 460 Students on the Autism Spectrum	3
	SE 462 Evidence-Based Intervention Strategies for Autism and Developmental Disabilities	3
	SE 464 Using Behavior Analysis for Effective Teaching	3
	SE 466 Language and Communication Skills Development for Students on the Autism Spectrum	3
	Total Required Hours:	12

Certificate in Teaching English to Speakers of Other Languages (TESOL) with Specialization in Teaching English to Young Learners

Requirements for the Certificate in Teaching English to Speakers of Other Languages with a Specialization in Teaching English To Young Learners (a grade of "C" or better must be achieved on all required courses; please consult course descriptions for possible prerequisites):

	Course	Hours
	EH 320 Multicultural Linguistics and Grammar or ESOL 325 Theoretical Foundations of Language Acquisition	3
	ESOL 463 TESOL Methods for Young English Learners	3
	ESOL 470 Practicum in TESOL	3
	Total Required Course Hours:	9
	Students must complete two elective courses (totaling 6 credits) in subjects related to education, communication, linguistics, language development, literacy, and literature. Elective course options listed below:	
	(Choose two courses from list below)	
	ESOL 328 Introduction to Linguistics for Teachers of Young English Learners	3
	EH 401 Multicultural Linguistics and Grammar	3
	ER 302 Language Development and Development Interaction	3
	ER 319 Literacy and Literature for Young Children	3
	ED 302 Foundations of Education	3
	EL 320 Children's Literature	3
	SC 333 Teaching Reading and Writing in the Content Areas	3
	Total Elective Course Hours:	6
	Note: Students must have had English 101 and 102 with a grade of C or higher to be admitted to Certificate Program	
	Total Required Hours	15

Minors

Degree-seeking students can choose to complete coursework for one or more minors in addition to the coursework required for a degree/major. In order to have completion of the minor(s) noted on the official transcript, all requirements for each minor being pursued must be completed, and additional minors must not have more than 6 semester hours of course requirements in common with any other minor. As specified in the *General University Requirements for Graduation* policy, in order to earn the minor, a student must complete a **minimum of six (6) semester hours of upper-level coursework in the minor from Athens State University.**

Students cannot receive credit for completing minors that clearly overlap any majors being completed; for example, a student majoring in Biology cannot receive credit for completion of a minor in Biology.

Some degree programs require students to complete a minor (approved by the academic advisor) in addition to the coursework required for the degree/major. Some degree programs also require students to choose from a specific list of minors. These degree and program specific requirements are published in the appropriate degree/major section of the University catalog.

College of Arts & Sciences Minors

Application Design Minor (for non-Information Technology majors)

This minor is open to students in all majors except Information Technology.

	Course	Hours
	CIS 207 Advanced Programming for the Web <u>or</u> CS 307 Foundations of Web Development	3
	CIS 222 Database Management Systems <u>or</u> ITE 327/327L Database Systems & Lab	3-4
	CIS 157 Intro to Application Development with Swift <u>or</u> CS/ITE 382 Mobile Application Development	3
	ITE 350 UX Design	3
	ITE 450 Human-Computer Interaction	3
	AR 405 Interface Design	3
	Total Required Hours for Application Design Minor (non-Information Technology majors):	18-19

Application Design Minor (for Information Technology majors only)

This minor is open to students in Information Technology majors only.

	Course	Hours
	CIS 157 Intro to Application Development with Swift <u>or</u> ITE 382 Mobile Application Development	3
	ITE 350 UX Design	3
	AR 405 Interface Design	3
	Three classes from the following:	9
	CS 423 Graphics/Game Design	
	ART 221 Computer Graphics I	
	ART 283 Graphic Animation I	
	AR 303 Illustrator Fundamentals	
	AR 333 Graphic Design	
	AR 435 Advanced Graphic Design	
	AR 302 Photoshop Essentials	
	AR 338 Digital Imaging	
	Total Required Hours for Application Design Minor (Information Technology majors only):	18

Music Minor

The Music minor is designed to provide students with a balanced education in general musicianship, applied musicianship, and performance practice. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	MU 300 Class Voice OR MU 301 Class Piano	2
	MU 325 Music Literature and Culture	3
	MU 326 Popular Songwriting	3
	MUA Studio Instruction (2 Credit Hours x 2 Semesters)	4
	MU 302 University Singers OR MU 303 University Players (1 Credit Hour x 2 Semesters)	2
	Any Music Electives	6
	Total Required Hours for Music (Recording) Minor:	20

College of Business Minors

Occupational Health & Safety Management Minor

The Occupational Health & Safety Management minor is designed to provide students a transition into safety positions or manage safety personnel that lack the professional background or typical safety degree(s).

	Course	Hours
	OHSM 300 Creating & Maintaining a Culture of Safety	3
	OHSM 373 Hazard Analysis & Regulatory Compliance	3
	OHSM 385 Environmental Conservation Management	3
	OHSM 391 Ergonomics & Human Factors	3
	OHSM 405 Injury & Damage Incident Evaluation & Reporting	3
	OHSM 425 Industrial Health Technology	3
	Total Required Hours for Music (Recording) Minor:	18

Course Descriptions

This section lists the courses and course descriptions that have been revised and/or created after the initial publication of the 2023-2024 Undergraduate Academic Catalog.

Discipline Area and Prefix (in alphabetical order by <u>discipline prefix</u>)				
<u>Art (AR)</u>	<u>Athens State Teach (ASTE)</u>	<u>Biology (BI)</u>	<u>Chemistry (CH)</u>	<u>Computer Science (CS)</u>
<u>Drama (DR)</u>	<u>English (EH)</u>	<u>English for Speakers of Others Languages (ESOL)</u>	<u>Health Science (HS)</u>	<u>History (HY)</u>
<u>Information Technology (ITE)</u>	<u>Math (MA)</u>	<u>Marketing (MK)</u>	<u>Music (MU)</u>	<u>Music Applied (MUA)</u>
<u>Special Education (SE)</u>				

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)

- AR 302 Adobe Photoshop Essentials (3 Sem. Hrs.) (DL)**
Prerequisite: Art majors require permission of their advisor
This course intends to build operational skills in the software Adobe Photoshop for students needing a multimedia elective or as a course option in the Educational Studies program. Art majors may take this course as a review of these skills with permission of their advisor.
- AR 303 Adobe Illustrator Fundamentals (3 Sem. Hrs.) (DL)**
Prerequisite: Art majors require permission of their advisor
This course intends to build operational skills in the software Adobe Illustrator for students needing a multimedia elective or as a course option in the Education Studies program. Art majors may take this course as a review of these skills with permission of their advisor.
- AR 333 Graphic Design (3 Sem. Hrs.) (Lab fee)**
Prerequisite: Permission of Instructor is Required
Processes from visualization through finished design will be covered while exploring problems in commercial and fine arts through visual hierarchy, layout, typography, and real-world timetable. Students actively engage graphics as strategic medium for experimentation, idea generation, problem solving and communication. Design is studied in the context of aesthetic, cultural, historical and critical issues. Students learn essential software and hardware techniques in their exploration both as tools and as a medium for evolving designers.
- AR 307 Advanced Typography (3 Sem. Hrs.) (BL)**
Prerequisite: AR 304
In this course, students explore issues of typographic form, history, and personal expression. The goal is to broaden typographic exploration and refine the craft of typography. It focuses on the creative process, from concept to application. Students will have the creative freedom to explore new directions, develop typographical solutions, and use unconventional methods and materials. All projects created are geared toward portfolio presentation.
- AR 310 Fine Arts Connection (1 Sem. Hr.) (Lab fee) (Education or Art Majors Only) (DL)**
This course is an integrated fine arts course that assists students in acquiring the knowledge to use the visual arts, music, and creative movement in developmentally appropriate ways in regular classroom instruction.
- ASTE 326 Classroom Interactions (3 Sem. Hrs.)**
This course builds on the Knowing and Learning course, shifting the focus to teaching and learning. Principles of delivering instruction in various formats. The course is centered around a close examination of the interplay between teachers, students, and content, and how these interactions enable students to develop deep conceptual understanding. Athens State Teach students will design and implement instructional activities and evaluate outcomes based on student artifacts. Strategies for teaching diverse students equitably will be emphasized. Fieldworks consists of 5 intensive days in a high-school classroom to include two teaching experiences.
- AR 342 Art of the Ancient Americas (3 Sem. Hrs.) (DL)**
Focusing on the period before the European conquest, this course explores the art and archaeological record of the Americas' aboriginal cultures and societies in sculpture, architecture, ceramics and paintings. The goal is to understand the aesthetics, philosophy and social historical and religious contexts of the visual arts and speak to the function of these artworks as ideological statements.
- AR 353 History and Practice of Graphic Design (3 Sem. Hrs.) (DL)**
An introduction to the history of graphic design from the dawn of writing until today, including the development of handwriting, typefaces, and books; Arts and Crafts and the private press; posters, printing history, and history of advertising, digital design and typography.
- AR 405 Interface Design (3 Sem. Hrs.) (Lab fee) (BL)**
This course focuses on developing an understanding of the functional design of apps, websites, and interactive experiences from a visual and logistical perspective. It introduces students to theories of human computer interaction as well as basic principles of interface design, prototyping, visual language, and responsive design. Students will use software such as Adobe Experience Design and related Adobe Creative Cloud programs to build a user experience from the ground up.
- AR 406 Multimedia Production (3 Sem. Hrs.) (Lab fee) (BL)**
Learn the basics of operating video equipment, editing, and motion graphics software. Students are instructed on the three stages of multimedia project creation. In pre-production, students learn the basic principles of story development, storyboarding, scheduling, and budget planning. Students shoot short video stories and edit those stories together using Adobe Premiere and After Effects. As a participant in this course, students are expected to upload videos to the Internet. Skills acquired in this workshop have applications in broadcast journalism, documentary film, and transmedia storytelling. Visual content delivery methods, in both web and social media, are explored.
- AR 421 Sacred Art in History (3 Sem. Hrs.) (Also listed as RE 421) (DL)**
This course explores the relationships between art and religion bringing theories of religious and aesthetic experience together. It gives an overview of the history of sacred art worldwide and it introduces students to religious functions of contemporary art. The course concentrates on the ways in which sacred and spiritual beliefs influence the creation of works of art using various cultures from around the world and throughout history. Students learn to understand aesthetic experiences with critical reflection and explain it to others.
- AR 423 History of Modern Art (3 Sem. Hrs.) (DL)**
This course covers the post-impressionist period through 1945. Students understand how present and past responses to the major styles of art history developed and theories of criticism from this period developed. Students understand how our present responses based on knowledge of artist's life experiences and past audience experiences developed. Students analyze ways that visual components and cultural associations suggested by images influenced ideas, emotions, and actions in society at the time.

- AR 424 Late Modern Art History (3 Sem. Hrs.) (DL)**
This course covers 1945 to present. Students understand how present and past responses to the major styles of art history developed and theories of criticism from this period developed. Students understand how our present responses based on knowledge of artist's life experiences and past audience experiences developed. Students analyze ways that visual components and cultural associations suggested by images influenced ideas, emotions, and actions in society at the time.
- AR 426 Critical Theories of Today's Art (3 Sem. Hrs.) (DL)**
Critical theory looks deeper in to the given art object. It is a way of thinking about and looking at and even making art that is not simply affirmative, but goes beyond generalities to the reception and interpretation of art with regard to context. Context is the economic, religious, institutionalized, political, educational and personal practices of any particular culture. Issues of how are the arts responding to science and technology, new trends in art and the socio-cultural issues demanding art attention today will be discussed. This course will focus on art being made today in a world-wide culture context.
- AR 435 Advanced Graphic Design (3 Sem. Hrs.) (Lab fee) (BL)**
Prerequisite: ART 333
Graphic design is for the purpose of communication. Student's mature strengths in conceptual thinking and formal experimentation and develop languages of design that reflect their own artistic and cultural identities while communicating to various audiences. Projects are created using a variety of relevant design industry software and hardware and presented in a variety of media.
- AR 440 Digital Animation (3 Sem. Hrs.) (Lab fee) (BL)**
This course is designed for students interested in 2D and 3D animation. Topics include concepts and techniques used for creating motion graphics, animated films, and special effects. Students are introduced to Adobe After Effects and 3D features of Maya: modeling, animation, texture, lighting, rendering, expressions, dynamics and workflows. Students gain experience by following class examples and completing assignments. Students in this course create 2D and 3D animation projects intended to build their portfolio.
- AR 448 Collaborative Multimedia (3 Sem. Hrs.) (Lab Fee) (BL)**
Transmedia storytelling is the practice of designing, sharing, and participating in a cohesive story experience across multiple traditional and digital delivery platforms - for entertainment, advertising and marketing, or social change. An interactive narrative offers a pre-specified story or choice to the audience, allowing them to influence the plot. In this course, students work in groups to develop and deliver interactive narratives and transmedia stories using new technologies and distribution platforms. Students consider a wide range of production techniques including writing, sound design, film, photography, theatre, art and new media. Students work in teams to design a strategy for developing an interactive narrative or transmedia story.

Athens State Teach (ASTE)

- ASTE 325 Knowing and Learning in Math and Science (3 Sem. Hrs.)**
The first course in a sequence of three teaching methods courses in the Athens State Teach program. The psychological foundations of learning are examined. Topics include problem solving in math and science education utilizing technology, principles of expertise and novice understanding of subject matter, implications of high-stakes testing, and foundations of formative and summative assessment. The goal of the course is for students to create a mode of knowing and learning that will guide their future teaching practice. Fieldwork consists of two experiences during which the teacher candidates will conduct clinical interviews.
- ASTE 326 Classroom Interactions (3 Sem. Hrs.)**
This course builds on the Knowing and Learning course, shifting the focus to teaching and learning. Principles of delivering instruction in various formats. The course is centered around a close examination of the interplay between teachers, students, and content, and how these interactions enable students to develop deep conceptual understanding. Athens State Teach students will design and implement instructional activities and evaluate the outcomes based on student artifacts. Strategies for teaching diverse students equitably will be emphasized. Fieldwork consists of three intensive days in a high-school classroom to include two teaching experiences.
- ASTE 327 Project-Based Instruction (3 Sem. Hrs.)**
This is the capstone course in the teaching methods sequence. Project-based, case-based, and problem-based learning environments are examined. The major principles and themes of Athens State Teach program are synthesized as students develop a problem-based instructional unit. Topics include curriculum development in math and science education, classroom management, and organization of project-based learning classrooms. Intensive field experience is expected as the teacher candidates observe, plan for instruction, and teach in the local schools and potentially participate in out-of-class field trips/investigations. Admittance to TEP is required.
- ASTE 425 Apprentice Teaching (6 Sem. Hrs.)**
Corequisite: ASTE 426
Closely supervised field coursework in a cooperating middle or high school. Teacher candidates will carry out the duties of a secondary (6-12th grade) teacher. Twenty-five hours of fieldwork per week for one semester are required. Apprentice teachers are required to teach two sections of a STEM class in a public middle or high school and remain on the school campus for a minimum of six hours per day. ASTE 426 must be taken concurrently. Admittance to TEP is required.
- ASTE 426 Apprentice Teaching Seminar (1 Sem. Hr.)**
Prerequisite: Admission to the Teacher Education Program (TEP) and clearance by the Internship Office. Co-requisite: ASTE 425 Apprentice Teaching
On-campus seminar to support apprentice teachers. Discussions may include student teaching experiences, contemporary critical issues in education, and preparation for state-mandated assessments. ASTE 425 must be taken concurrently.

Biology (BI)

- BI 325 Research Methods (3 Sem. Hrs.) Restricted to Athens State Teach Natural Science Program**

Cross-listed with CH 325

Students perform independent inquiries and use scientific skills to solve research problems.

Chemistry (CH)

CH 325 **Research Methods (3 Sem. Hrs.)** *Restricted to Athens State Teach Natural Science Program*
Cross-listed with BI 325

Students perform independent inquiries and use scientific skills to solve research problems.

Computer Science (CS)

CS 452 **Senior Software Engineering Project (3 Sem. Hrs.)** (Also listed as ITE 452)
Prerequisite: CS 451 with a minimum grade of C, MA 308, CS 414, CS 415, CS 472

This course provides students with the opportunity to apply the knowledge and skills mastered in the computer science discipline through development of complex research or software projects. Emphasis is placed on the concept of software development teams to create project plans, software requirements, design specifications, test plans, and other written documentation for the selected research software project. Student software teams also code, test, and integrate the software according to the requirements and design specifications produced. Technical walk through and software demonstrations are required at the completion of various milestones.

Drama (DR)

DR 440 **Advanced Stage Technology (3 Sem. Hrs.)**
Prerequisite: DR 319 or Permission of Instructor

This course will focus on the exploration of stage lighting, rigging, and advanced construction techniques needed to work as a Lead Electrician (Master Electrician), Rigger Lead carpenter and Technical Director in a live event setting. Students will gain experiential knowledge of the software used and the technology needed to put-on full-scale productions, as well as how to organize and run a work crew for lighting, scenery or rigging.

English (EH)

EH 441 **Special Topics in English (1 to 3 Sem. Hrs.)**
Prerequisite: Permission of instructor.

These courses will be offered on occasion of student demand or need.

EH 460 **Directed Study in English (1-3 Sem. Hrs.)**
Prerequisite: Permission of instructor

These courses are special research or creative writing courses designed to meet specific needs and interest.

English for Speakers of Others Languages (ESOL)

ESOL 325 **Theoretical Foundations of Language Acquisition (3 Sem. Hrs.)**

This course provides an introduction to the field of second language acquisition (SLA). It focuses on the differences and similarities in first and second language acquisition, historical and current theories of acquisition, common myths about language learning both in and outside of the classroom, factors affecting SLA, such as age and personality factors, and other related topics concerning language acquisition. This course also explores the fundamentals of linguistics and pedagogical grammar. Candidates discuss their implications for the K-12 mainstream classroom.

Health Science (HS)

HS 300 **Foundations of Public Health (3 Sem. Hrs.)**

This course is intended to provide the history and philosophy behind public health practice, and introduce the fundamental concepts, core disciplines, and essential functions of public health in society. Material in this class is organized according to five thematic topics in public health: 1) foundational concepts, 2) methods of analysis, 3) biomedical bases, 4) social and behavioral factors, and 5) environmental issues.

HS 305 **Survey of Human Disease (3 Sem. Hrs.)**
Prerequisite: HS 300

This course is designed as an introduction to the underlying source of human health and disease including opportunities for promoting and protecting health across the life course. Thus, students are introduced to concepts, classifications, development, and associated lifestyle patterns that promote human diseases, with an emphasis on disease intervention at the preventive level.

HS 310 **Determinants and Disparities in Public Health: from Global to Local (3 Sem. Hrs.)**
Prerequisite: HS 310

This course introduces students to the social and systemic factors affecting individual and population health. We will define key concepts of health equity/inequity and social justice with a focus on relating broad trends in global health to local examples in our state and region. The course will cover determinants of health inequity including childhood/motherhood, environment, occupation, gender/sexual orientation and identity, race and ethnicity, socio-economic, nutrition, and disability. The often complex impact of these determinants will then be applied to case studies of "diseases of disparity," with examples in tropical disease, infectious disease, chronic diseases, violence, and substance abuse. We will conclude with an overview of strategies

for organizational and communal change through public health practice. As an introductory course, it is intended to generate ideas and provide a background for the further study of health inequity, whether as public health practitioners, researchers or those with a career in the health sciences.

HS 455 Health Care Admin Internship
Prerequisite: *Permission of advisor; Also Listed as CJ 455/SHA 455*
This internship places students in selected healthcare settings supervised by experienced preceptors. Students are exposed to day-to-day administrative operations and participate in organizational projects. Students apply didactic learning to healthcare organization environments. Activities focus on the development of problem-solving, effective communication, and research skills.

HS 460 Ethics in the Public Sector (3 Sem. Hrs.)
Also listed as CJ 455 and PSHA 455
This course examines ethical issues encountered by employees of governmental agencies, both in terms of management practices and interactions with the public. The course explores application of codes of ethics, theories of ethical decision making, and ethical principles impacting various aspects of the public sector.

History (HY)

HY 324 Nazi Germany and the Holocaust (3 Sem. Hrs.)
This course is designed to provide students with a comprehensive, sophisticated account and analysis of the Nazi period in German history and the Holocaust. It will explore issues related to the content and implications of Nazi ideology, the role of Hitler, and the complicity of Germans, from workers to the elites. The course will examine the origins of the Nazi movement and conditions in Germany that led to the movement's rise to power, along with the historical context of German anti-Semitism. It will provide a detailed analysis of the consequences of the implementation of Hitler's policies in the form of genocide, military conquest, defeat, and post-war legacy.

Information Technology (ITE)

ITE 452 Senior Software Engineering Project (3 Sem. Hrs.) (Also listed as CS 452)
Prerequisite: *ITE 451 with a minimum grade of C, MA 308, ITE 321, ITE 327, ITE 450*
This course provides students with the opportunity to apply the knowledge and skills mastered in the information technology discipline through development of complex research or software projects. Emphasis is placed on the concept of software development teams to create project plans, software requirements, design specifications, test plans, and other written documentation for the selected research or software project. Student software teams also code, test, and integrate the software according to the requirements and design specifications produced. Technical walk through and software demonstrations are required at the completion of various milestones.

Math (MA)

MA 380 Functions and Modeling (3 Sem. Hrs.) Restricted to Athens State Teach Mathematics Program
Prerequisite: *MA 301 or equivalent*
An in-depth study of topics from secondary school mathematics. Emphasizes the development of the concept of function, exploring function patterns in data sets, and the connections between the main topics of mathematics associated with the secondary school curriculum. Use of appropriate technology will be explored.

Marketing (MK)

MK 336 Consumer Behavior (3 Sem. Hrs.)
Prerequisite: *MK 331 or BUS 285*
This course covers the fundamentals of consumer behavior with an emphasis on the importance of adopting a consumer focus. Marketing is a customer-driven function that begins and ends with the consumer—from identifying customer needs to trying to meet those needs and ensuring post-purchase satisfaction. In this course, you will learn about fundamental theories and concepts in consumer psychology and about exciting new findings to enhance your understanding of how and why people choose, use, and evaluate good and services the way they do.

MK 338 Marketing Analytics I (3 Sem. Hrs.)
Prerequisite: *(BUS 271 or MTH 265 or GBA 305); AND (MK 331 or BUS 285)*
Students will use essential statistical methods with a focus on interpretation and application in marketing contexts. Students will apply statistical concepts and analyses in diverse marketing settings. By the end of the course, students will know how to apply fundamental statistical techniques in marketing situations, how to interpret the results of statistical analysis, and how to effectively present results to managers and stakeholders.

MK 339 Marketing Analytics II (3 Sem. Hrs.)
Prerequisite: *MK 338*
This is a continuation of Marketing Analytics I. Students will use advanced data analytics and statistical techniques to solve marketing problems facing decision-makers in business. You will learn to analyze data sets, including some "big data" and/or actual data from a real-world client.

MK 499 Advanced MK Analytics Research (3 Sem. Hrs.)
Prerequisite: *MK 339 AND MK 431*
This course gives students the opportunity to work with a real-world client and apply principles learned from previous courses in marketing and analytics. Students will learn how to support recommendations for marketing actions based on research and data analysis.

Music (MU)

- MU 300 Class Voice (2 Sem. Hrs.) – Change in Course Title and Course Description, Effective Spring 2024**
This class is designed to expose students to the anatomy of the voice and fundamentals of singing in a group setting.
- MU 301 Class Piano (2 Sem. Hrs.) – Change in Course Title and Course Description, Effective Spring 2024**
This course is designed to expose students to the technique and musicianship associated with keyboard performance in a group instructional setting.
- MU 301L Vocal Class Lab – COURSE NOW REMOVED FROM CATALOG EFFECTIVE SPRING 2024**
- MU 302 University Singers (1 Sem. Hr.) – Change in Course Title and Course Description, Effective 2024**
This course is a choral ensemble open to all students by audition. The course is repeatable, up to a maximum of six semester hours.
- MU 302L Choral Lab – COURSE NOW REMOVED FROM CATALOG EFFECTIVE SPRING 2024**
- MU 303 University Players (1 Sem. Hr.)**
This course is a performance ensemble of flexible instrumentation open to all students by audition. Course is repeatable up to a maximum of six semester hours.
- MU 315 Private Vocal I – COURSE NOW REMOVED FROM CATALOG EFFECTIVE SPRING 2024**
- MU 316 Private Vocal II – COURSE NOW REMOVED FROM CATALOG EFFECTIVE SPRING 2024**
- MU 325 Music and Literature Culture (3 Sem. Hrs.)**
This course explores a western music from the middle ages through the twentieth century through reading, writing, and listening.
- MU 326 Popular Songwriting (3 Sem. Hrs.)**
This course is for students seeking to learn about popular music. The course will examine three aspects of music: the societal and cultural context that produces musical style, the technical construction of the music itself, and the resultant ideas that music expresses. To gain a deep understanding of these, the student will listen to an analyze historical musical examples and engage in 'hands-on' work, using software applications to compose and produce songs. While software is required, there is no lab fee.

Music Applied (MUA)

MUA courses include one 50-minute private, studio lesson each week. Additional, complementary, individual practice is expected. The student will be expected to make satisfactory performance progress in the areas of general technical skills and musicianship. All MUA courses share a common syllabus.

- MUA 310 Studio Instruction – Voice (2 Sem. Hrs.)**
- MUA 315 Studio Instruction – Voice (2 Sem. Hrs.)**
- MUA 320 Studio Instruction – Piano (2 Sem. Hrs.)**
- MUA 325 Studio Instruction – Piano (2 Sem. Hrs.)**
- MUA 330 Studio Instruction – Guitar (2 Sem. Hrs.)**
- MUA 335 Studio Instruction – Guitar (2 Sem. Hrs.)**
- MUA 340 Studio Instruction – Strings (2 Sem. Hrs.)**
01 – Violin
02 – Viola
03 – Cello
04 – Bass
- MUA 345 Studio Instruction – Strings (2 Sem. Hrs.)**
01 – Violin
02 – Viola
03 – Cello
04 – Bass
- MUA 350 Studio Instruction – Woodwinds (2 Sem. Hrs.)**
01 – Flute
02 – Oboe
03 – Clarinet
04 – Bassoon
05 – Saxophone

- MUA 355 Studio Instruction – Woodwinds (2 Sem. Hrs.)**
 01 – Flute
 02 – Oboe
 03 – Clarinet
 04 – Bassoon
 05 – Saxophone
- MUA 360 Studio Instruction – Brass (2 Sem. Hrs.)**
 01 – Trumpet
 02 – Horn
 03 – Trombone
 04 – Tuba/Euphonium
- MUA 365 Studio Instruction – Brass (2 Sem. Hrs.)**
 01 – Trumpet
 02 – Horn
 03 – Trombone
 04 – Tuba/Euphonium
- MUA 370 Studio Instruction – Percussion (2 Sem. Hrs.)**
- MUA 375 Studio Instruction – Percussion (2 Sem. Hrs.)**
- MUA 380 Studio Instruction – Composition (2 Sem. Hrs.)**
- MUA 385 Studio Instruction – Composition (2 Sem. Hrs.)**
- MUA 390 Studio Instruction – Conducting (2 Sem. Hrs.)**
- MUA 395 Studio Instruction – Conducting (2 Sem. Hrs.)**
- MUA 410 Studio Instruction – Voice (2 Sem. Hrs.)**
- MUA 415 Studio Instruction – Voice (2 Sem. Hrs.)**
- MUA 420 Studio Instruction – Piano (2 Sem. Hrs.)**
- MUA 425 Studio Instruction – Piano (2 Sem. Hrs.)**
- MUA 430 Studio Instruction – Guitar (2 Sem. Hrs.)**
- MUA 435 Studio Instruction – Guitar (2 Sem. Hrs.)**
- MUA 440 Studio Instruction – Strings (2 Sem. Hrs.)**
 01 – Violin
 02 – Viola
 03 – Cello
 04 – Bass
- MUA 445 Studio Instruction – Strings (2 Sem. Hrs.)**
 01 – Violin
 02 – Viola
 03 – Cello
 04 – Bass
- MUA 450 Studio Instruction – Woodwinds (2 Sem. Hrs.)**
 01 – Flute
 02 – Oboe
 03 – Clarinet
 04 – Bassoon
 05 – Saxophone
- MUA 455 Studio Instruction – Woodwinds (2 Sem. Hrs.)**
 01 – Flute
 02 – Oboe
 03 – Clarinet
 04 – Bassoon
 05 – Saxophone
- MUA 460 Studio Instruction – Brass (2 Sem. Hrs.)**
 01 – Trumpet

02 – Horn
03 – Trombone
04 – Tuba/Euphonium

MUA 465 Studio Instruction – Brass (2 Sem. Hrs.)

01 – Trumpet
02 – Horn
03 – Trombone
04 – Tuba/Euphonium

MUA 470 Studio Instruction – Percussion (2 Sem. Hrs.)

MUA 475 Studio Instruction – Percussion (2 Sem. Hrs.)

MUA 480 Studio Instruction – Composition (2 Sem. Hrs.)

MUA 485 Studio Instruction – Composition (2 Sem. Hrs.)

MUA 490 Studio Instruction – Conducting (2 Sem. Hrs.)

MUA 495 Studio Instruction – Conducting (2 Sem. Hrs.)

Special Education (SE)

SE 301 Survey of Exceptional Learners (3 Sem. Hrs.)

A general survey course which addresses historical and legal aspects of Special Education services, and provides a rich overview of identification, prevalence, characteristics, and etiology of disabilities included in the Individuals with Disabilities Education Act (IDEA). The course includes the impact of disabilities on academic, social, emotional, and behavioral performances and an introduction to current evidence-based practices related to assessment, curriculum modification, collaboration with other professionals and with families, placement options and general approaches to support individuals with disabilities defined in the IDEA 2004, Includes Lee v. Macon "Addressing Disproportionality in Alabama Schools" training as required by the Alabama State Department of Education.

SE 315 Educational Implications and Teaching Approaches for Learners with Exceptionalities (3 Sem. Hrs.)

Prerequisite: SE 301

This is a course covering definitions, description, characteristics, and the potential of learners with exceptionalities. Practices for teaching, collaboration among professionals and paraprofessionals, working with parents and families, and addressing cultural issues will be covered within this course. We will identify approaches to teaching students who receive special education services and learn about evidence-based practices that have been shown to be effective in helping these students make progress in their educational programs. Topics include key principles of special education such as people-first language, equity and equality, bias and perceptions of disabilities. Teacher candidates will learn how to make education accessible to all students, how to use Multi-Tiered systems of Support (MTSS) to support struggling learners, how to differentiate instruction to meet individual student needs, and how to select and use appropriate assessment tools.

SE 325 REMOVE FROM CATALOG EFFECTIVE FALL 2024

SE 395 Culturally Responsive Classroom Management and Student Engagement (3 Sem. Hrs.)

Prerequisite: SE 301

Field experience is required. A course that focuses on current recommended best practices for culturally responsive environments and approaches to teaching. The course is designed to help pre-service teachers create and maintain caring, respectful classroom communities where all learners feel safe, valued, respected, and empowered, and can fully engage in the learning process. The course will include traditional approaches to well-managed classrooms such as classroom/material organization, establishing and implementing rules and procedures, managing student work, proactive approaches to preventing challenging behaviors, effective communication, and managing teacher stress. It will expand on these themes by examining the role of culture in teaching and learning, recognizing assumptions and implicit bias that can influence the way teachers interact with students from different cultures. In this course, pre-service teachers will learn how to become familiar with the cultures and backgrounds of all students in their care, and what it means to be a culturally responsive educator.

SE 400 Adapting Early Childhood Curricula for Children with Exceptionalities (3 Sem. Hrs.)

Prerequisite: SE 303

This course provides a strong emphasis on the importance of understanding the natures of all young children and how they learn. A thorough understanding of the complex development domains such as social-emotional, motor, communication, and cognitive skills will be emphasized throughout this course. Strategies for meeting the developmental education needs of infants and young children who have disabilities or who experience circumstances or conditions that potentially interfere with optimal growth and adjustment will be the focus.

SE 425 Collaboration for Instruction and for Program Planning (3 Sem. Hrs.)

Prerequisite: Admission to the Teacher Education Program

This course provides models of collaboration which can be implemented in any public school setting. Furthermore, collaborative techniques which address interaction with a wide variety of stakeholders throughout the special education process will be addressed. Legal requirements of the Individuals with Disabilities Education Improvement Act (IDEA), its accompanying federal regulations, and state requirements will be thoroughly investigated. Requirements of the course include written Individual Education Plans (IEPs) which are legally defensible and participation in simulated special education process meetings. Field experience required.

- SE 450 Approaches to Managing Challenging Behaviors (3 Sem. Hrs.)**
Prerequisite: SE 395, minimum grade of C
 This course addresses emotional and behavioral problems related to public school programs. It is designed to help pre-service teachers structure individual remedial programs for students with challenging behaviors that adversely impact their ability, and that of their peers, to make adequate progress toward standards- and IEP-based academic goals. The focus is on practical strategies and techniques that can be implemented in general and special education settings, and which can be used for all students, both with and without disability diagnoses. The course includes topics such as data-based decision making, Behavior Intervention Plans, and a variety of behavior management approaches, such as Cognitive Behavioral Interventions, Trauma-Informed Classroom Management Strategies, Social-Emotional Learning, Self-Regulation and Executive Function, and Applied Behavior Analysis. In this blended course, students are expected to demonstrate understanding of course content through face-to face class meetings, as well as, online discussions, written responses, and quizzes.
- SE 462 Evidence-Based Intervention Strategies for Autism and Developmental Disabilities (3 Sem. Hrs.)**
Prerequisite: SE 460
 This course will focus on research-based interventions that promote progress in areas such as communication, social, academic, behavior, and sensory motor skills when working with students diagnosed with Autism. Interventions identified will include Augmentative and Alternative Communication strategies, Discrete Trial Instruction, Differential Reinforcement, Shaping, DIR model and its application, Functional Communication Training, Enhanced Milieu Teaching, Early Social Interaction, Peer-Mediated Support Interventions, Picture Exchange Communication System (PECS), Pivotal Response Treatment, Social Stories, and Video Modeling Applications. A DVD is provided in Prelock & McCauley (2012) textbook demonstrating key interventions that will be covered within this course. A performance-based Intervention Project will be required.
- SE 464 Using Behavior Analysis for Effective Teaching (3 Sem. Hrs.)**
Prerequisite: SE 460
 This course will explore adding science to the art of teaching by touching upon the causes of behavior and understanding what we mean by learning. Methods on how to identify and set goals to improve achievement using objectives to decrease negative behaviors will be covered. Recording methods, charting and graphing focused on the effectiveness of improving instruction will also be explored. Emphasis will be placed on a teacher as a researcher conducting research as the culminating Final project.
- SE 466 Language and Communication Skills Development for Students on the Autism Spectrum (3 Sem. Hrs.)**
Prerequisite: SE 460
 This course covers an introduction to Augmentative and Alternative Communication exploring the processes, message management, symbols and rate enhancement, alternative access, principles of assessment and the principles of decision-making, intervention, and evaluation. Augmentative and Alternative Communication interventions for Individuals with Developmental Disabilities will be covered next with communication for beginning communicators, language development and intervention focused on the challenges, the supports, and the instructional approaches. Instruction to support linguistic and social competence, literacy intervention and education inclusion for individuals with more complex communication needs will also be covered. Augmentative and Alternative Communication interventions for individuals with acquired disabilities will focus on adults with acquired physical conditions, adults with severe aphasia and apraxia of speech, adults with degenerative cognitive and linguistic disorders, individuals with Traumatic Brain Injury, and within the intensive, acute and Long-Term acute medical settings will be covered.
- SE 495 REMOVE FROM CATALOG EFFECTIVE FALL 2024**