



Early College

THE UNIVERSITY OF ALABAMA®

EDUCATOR GUIDE



2026-2027

WELCOME TO THE EDUCATOR GUIDE FOR UA EARLY COLLEGE!

Every student’s future begins with someone who recognizes their potential and encourages them to take the next step. For many students, that person is a teacher or school counselor.



Thank you for the role you play in helping students discover opportunities that expand their horizons and prepare them for success. Your guidance helps students build confidence, challenge themselves academically and approach the next chapter with confidence.

As the Future-Ready Flagship, The University of Alabama is committed to developing the next generation of leaders, advancing discovery and serving our communities. UA Early College reflects those commitments by expanding access to higher education and helping more students begin their college journey while still in high school. They experience the rigor of University coursework, strengthen the skills they need for future success and begin building momentum toward their educational and career goals.

This guide is designed to support the important work you do each day. Within these pages, you will find information about UA Early College courses and the Alabama high school graduation requirements they fulfill through dual credit, helping make academic planning and advising easier for you and your students.

Thank you for your partnership and for the difference you make in the lives of students across our state. We are grateful for your commitment and proud to partner with you in preparing students for what comes next.

Roll Tide!

A handwritten signature in black ink, appearing to read 'P. Mohler', written over a light gray rectangular background.

Peter J. Mohler
President

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ABOUT UA EARLY COLLEGE

Students participating in UA Early College have access to a variety of courses that align with both high school graduation requirements and college degree pathways.

EVERY STUDENT BEGINS WITH UAEC 200:

This introductory, required course prepares students for the college experience by teaching the fundamental skills needed for academic success.

UAEC 200 satisfies the College and Career Readiness Indicator for the State of Alabama's high school graduation requirements and is offered to UAEC students for free.

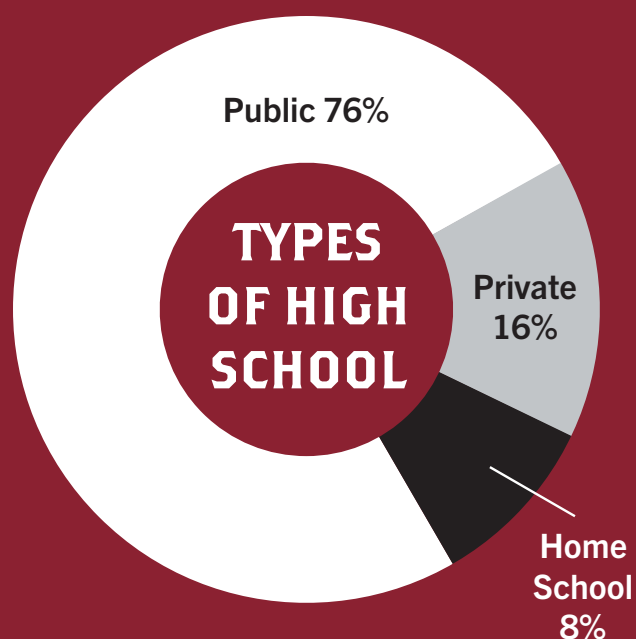
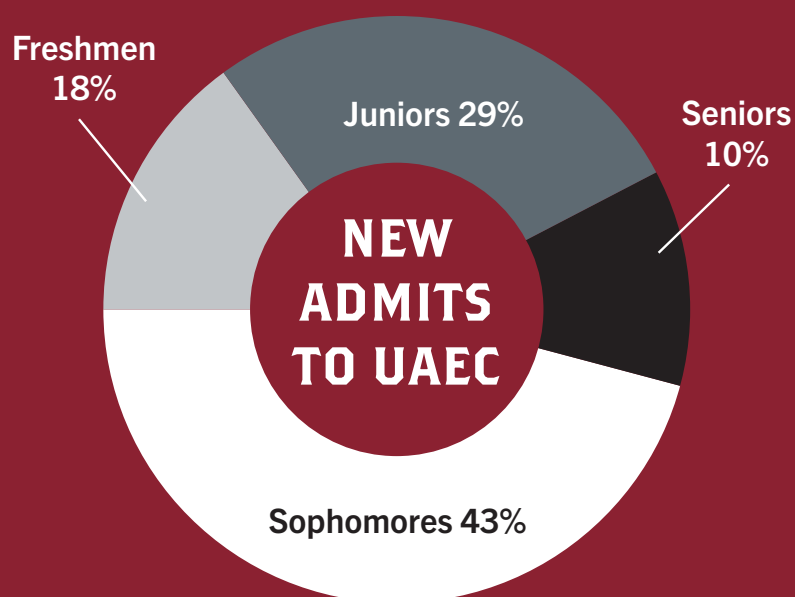
After successfully completing UAEC 200, students can choose from a selection of more than 100 courses that fuel their future by earning college credit and exploring their areas of interest.

PC or Mac are preferred devices for accessing course materials.

Scan the code to
learn more about
UA Early College's
affordable tuition.



2025-2026 BY THE NUMBERS



3.7 OVERALL UA ACADEMIC GPA



ALABAMA'S TRUSTED DUAL ENROLLMENT PARTNER

UA Early College is proud to be the leading provider of dual enrollment in the state of Alabama, opening doors to higher education for students in every county. The program ensures students from diverse communities — urban and rural — can access The University of Alabama's academic resources and college-level opportunities while still in high school. From the Shoals to the Shores, UA Early College is proud to serve students in all of Alabama's 67 counties.

On Sept. 13, 2018, the Alabama State Board of Education amended the Alabama Administrative Code, Rule No. 290-3-1-.02, pertaining to secondary course credit awarded for postsecondary coursework through dual enrollment. The revised rule now includes the following language: "Semester credit hours at the postsecondary level for high school courses specifically named as a requirement for graduation as outlined in AAC Rule 290-3-1-.02(8)(a) are determined according to guidelines established by the SDE."

UA Early College faculty and staff ensure that the following courses warrant secondary credit for postsecondary/college-level coursework. For students' transcripts to accurately reflect approved dual enrollment course credit(s) earned at an Alabama four-year college or university, the following course codes have been added to the 2026-2027 Alabama State Department of Education Course Catalog:

SUBJECT	HIGH SCHOOL GRADUATION COURSE(S)	SUGGESTED STATE COURSE CODE	UA EARLY COLLEGE COURSE(S)
Mathematics	Mathematics 4 Various prerequisite options for the courses listed	22999C1006	MATH 005 MATH 100 MATH 110 MATH 112 MATH 113 MATH 115 MATH 121 MATH 125 MATH 126 MATH 227 MATH 238
Science	Science 3 and/or Science 4 Various prerequisite options for the courses listed	22999C1007	AY 101:102 BSC 108 BSC 109 BSC 114:115* BSC 116:117* BSC 215* BSC 216* CH 101* CH 102* CH 104* CH 105* CS 100* CS 104* CS 312* GEO 101* GEO 102* GEO 103* GEO 104* GY 101* GY 102* PH 101* PH 102* PH 105* PH 106* *Offered on campus only
Social Studies	World History 1500–Pres U.S. History I U.S. History II U.S. Government Economics Various prerequisite options for the courses listed	22999C1008	HY 101 or HY 102 HY 103 HY 104 PSC 101 EC 110 or EC 111
World Languages	Elementary Arabic Elementary French I Elementary French II Elementary German I Elementary German II Elementary Russian I Introductory Spanish I Introductory Spanish II Intermediate Spanish I Intermediate Spanish II	22999C1009	ARB 101* FR 101* FR 102* GN 101* GN 102* RUS 101* SP 101 SP 102 SP 201 SP 202 *Offered on campus only

SUBJECT	HIGH SCHOOL GRADUATION COURSE(S)	SUGGESTED STATE COURSE CODE	UA EARLY COLLEGE COURSE(S)
English	English 11 and/or English 12	22999C1005	EN 101 EN 102 EN 205 EN 206 EN 209 EN 210
Fine Arts	Intro to Visual Arts I Survey of Art I Survey of Art II Motion Pict. History and Crit. Intro to Listening Introduction to Theatre	22999C1010	ARH 151 ARH 255 ARH 256 JCM 112 MUS 121 TH 114
Career Tech	Computer Science I for Majors Computer Applications Computer Science Principles Spreadsheet Applications	22999C1013	CS 100 Various prerequisites CS 102 CS 104 CS 285
Electives	Intro African American Studies Intro to Anthropology Intro to Cultural Anthropology Discoveries in Archaeology Intro to Criminal Justice Public Speaking Life Span Human Development Intro to Sports Communication Intro to Philosophy Intro to Ethics Intro to Psychology Intro to Religious Studies Religion in the News Religion in Pop Culture Intro To New Testament Intro to Sociology History of Social Welfare in U.S. Intro to Women Studies	22999C1011	AAST 201 ANT 100 ANT 102 ANT 103 CJ 100 COM 123 HD 101 JCM 146 PHL 100 PHL 223 PY 101 REL 100 REL 103 REL 104 REL 112 SOC 101 SW 200 WS 200 Any other UA course not listed above
CCRI	College Readiness	23991C1000	UAEC 200

TYPICAL COURSE SELECTION

UA EARLY COLLEGE REQUIRED COURSE

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
UAEC 200	College Readiness Course In this six-week course, students learn the necessary skills for college-level work, including how to navigate online courses, time management, reading college textbooks and preparing for college tests, research skills, using the UA libraries online, freshman writing skills (proper citations, avoiding plagiarism), college communication and email etiquette, and how to format a college paper using the latest MLA style. This is a pass/fail course that students must successfully pass with 70% or higher to take any other courses online or on campus.	2	N/A

COMPUTER SCIENCE OPTIONS

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
CS 102	Computer Applications Familiarization with Windows, fundamental and intermediate word processing commands, spreadsheet applications and database management.	3	N/A
CS 112	Digital Literacy This course is designed to help the students acquire various competencies that will enable them to safely and effectively use and create digital technologies and Internet resources in personal, academic, and professional contexts. Students will demonstrate their learning by creating a digital literacy portfolio. Computing proficiency is required for a passing grade in this course.	3	N/A
CS 223	Introduction to Python Programming A course designed to introduce programming and problem solving using Python. Computing proficiency is required for a passing grade in this course.	3	MATH 112 or MATH 113
CS 285	Introduction to Spreadsheet Applications Use of spreadsheets and other environments to build business and scientific applications. Course includes development of problem-solving skills and an introduction to the object-oriented paradigm. Computing proficiency is required for a passing grade in this course.	3	N/A

*Classes may require proctored exams. A PC or Mac laptop may be required for proctored exams.

FRESHMAN ENGLISH COMPOSITION OPTIONS

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
EN 101	English Composition I Introduction to college-level expository writing, critical reading, basic citation and the rhetorical tools needed to participate successfully in The University of Alabama discourse community.	3	N/A
EN 102	English Composition II Intermediate college-level writing covering the principles of argumentation, advanced critical thinking and analysis, university-level research techniques and research paper-writing.	3	EN 101

FINE ARTS OPTIONS

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
ARH 151	Introduction to Visual Arts Introduction to the appreciation of art through an examination of the nature, themes and purposes of art, the exploration of visual arts media and methods and a survey of art history and artistic masterpieces.	3	N/A
ARH 255	Survey of Art I Survey of major examples of painting, sculpture and architecture from the prehistoric through the medieval periods.	3	N/A
ARH 256	Survey of Art II Survey of major examples of painting, sculpture and architecture from the Renaissance through the modern periods.	3	N/A
JCM 112	Motion Picture History and Criticism Development of the cinema, with emphasis on the relation of technical advances to film content and style. Course contains R-rated movies.	3	N/A
MUS 121	Introduction to Listening This course surveys the history of Western music. Musical styles and genres from the 1600s through present-day will be covered. This course will not only examine the music of the baroque, classical, and romantic periods, but will also delve into the musical worlds of musical theater, film, jazz, the mainstream, as well as other innovative ideas of the 20th and 21st centuries. In addition, this course will focus on teaching students to become active listeners rather than passive hearers in order to discover the beauty, intricacy, and greatness of music from all styles and eras. Students will have the opportunity to apply learned listening concepts by attending live concert events during the semester. No musical experience or training is necessary for this course.	3	N/A
TH 114	Introduction to Theatre Introduction to the theatre through the study of plays, stage histories, practitioners, elements of theatre and production techniques.	3	N/A

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WORLD LANGUAGE (AND HUMANITIES) OPTIONS

Online course offerings for World Languages vary by academic term.

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
ARB 101	Elementary Arabic Students are introduced to the new material outside of class—they study the new vocabulary or grammatical concepts, watch a video, or read a story/article outside of class. In turn, class time will be devoted to activating the vocabulary and structures prepared at home through homework assignments. Most of the class time will be used to deepen understanding through activities with pairs and small groups.	3	N/A
ARB 102	Elementary Arabic II This course is a continuation of ARB 101. Students in this semester will be introduced to new vocabulary that will help them extend their sentence structuring in order to engage in more conversations and be able to negotiate meaning in various contexts. In addition, students will be engaged into the four communication skills (reading, speaking, listening and writing) and will be immersed in Arabic language and culture through various audio and visual activities.	3	ARB 101
ASL 101	American Sign Language I This course is for students studying any beginning level of less commonly taught languages offered by the Critical Languages Center or abroad, and repeatable for credit with different languages. Supervised self-study system applied. This course is an introduction to American Sign language (ASL) as used within the culturally Deaf Community of the United States. This course will be taught as a hybrid of online and in-class instruction by native users to utilize the best approaches to learning this visual language. This is a SUPERVISED-SELF-STUDY class. Students are required to study the textbooks and practice with assigned materials by themselves outside of the class. Students will also be expected to spend 5 field hours at Deaf-related events within the community. English use will be kept to minimum in class. Language trainers will monitor active participation throughout the semester by use of the STUDENT PERFORMANCE SHEET reports which will be sent to the director of the CLC.	3	N/A
ASL 102	American Sign Language II This course is second in a series of courses designed to further development of comprehension and production abilities in American Sign Language (ASL). Lessons are designed around recognition and demonstration of more sophisticated grammatical features of ASL with focus on increasing fluency and accuracy. Cultural awareness of the Deaf communities of the world are also instilled.	3	ASL 101
FR 101	Elementary French I For students who have never studied French, with one year of high school French or with one or more years of elementary or middle school French. This course focuses on fundamental spoken and written communication in French while developing knowledge of cultural topics relating to contemporary French and French-speaking countries.	3	N/A

*Classes may require proctored exams. A PC or Mac laptop may be required for proctored exams.

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
FR 102	Elementary French II Continuation of FR 101. This course focuses on further advancing intercultural communicative abilities through explorations of cultural topics relating to contemporary French and French-speaking countries.	3	FR 101
GN 101	Elementary German I German 101 is an introductory course for students with no previous experience studying German. The course introduces students to the language and culture of the modern German-speaking world. Every effort is made to present opportunities to use the language: for self-expression in everyday situations, for basic survival needs in German-speaking language communities, and for personal enjoyment. To this aim, each lesson centers on linguistic, communicative, and cultural goals, reflecting language competency at the beginner (A1) level. At the center of the course is the overarching theme of friendship and relationships with others, a theme explored across each of the four chapters through such topics as: school and university life, sports and recreational activities, family and friends, and food culture. Throughout the semester, students will develop deeper understanding of these topics through the genre of conversation. Class instruction and assignments will provide students with opportunities to practice and receive feedback on basic conversational skills in German.	4	N/A
GN 102	Elementary German II GN 102 is the second semester elementary German course. It emphasizes the acquisition of all modes of communication, language structure and culture.	4	GN 101
SP 101	Introductory Spanish I This is an introductory course to the Spanish language and Hispanic culture. Part of a two-course sequence, SP 101 and SP 102 are designed to develop: (i) basic communicative skills in Spanish as a foreign language; and (ii) general knowledge about culture in the Spanish-speaking world. Students should not expect this course to be just about memorization of grammar and vocabulary. Although these aspects are necessary to achieve the aforementioned skills and knowledge, they are not the sole focus of this course.	3	N/A
SP 102	Introductory Spanish II This is an introductory course to the Spanish language and Hispanic culture. Part of a two-course sequence, SP 101 and SP 102 are designed to develop: (i) basic communicative skills in Spanish as a foreign language; and (ii) general knowledge about culture in the Spanish-speaking world. Students should not expect this course to be just about memorization of grammar and vocabulary. Although these aspects are necessary to achieve the aforementioned skills and knowledge, they are not the sole focus of this course.	3	SP 101

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HISTORY OPTIONS

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
HY 101	Western Civilization to 1648 A history of Western civilization from its origins in Greece and Rome through the Middle Ages, the Renaissance and Reformation, and the age of discovery and expansion during the emergence of modern Europe.	3	N/A
HY 102	Western Civilization Since 1648 Covers the development of the Western world from the Thirty Years' War to the post-World War II era: the Age of Absolutism, the Enlightenment, the French Revolution, industrialization and the wars of the 20th century.	3	N/A
HY 103	American Civilization to 1865 A survey of American history from its beginning to the end of the Civil War, giving special emphasis to the events, people and ideas that have made America a distinctive civilization.	3	N/A
HY 104	American Civilization Since 1865 A survey of American history from the Civil War to the present, giving special emphasis to the events, people and ideas that have made America a distinctive civilization.	3	N/A

HUMANITIES OPTIONS

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
COM 123	Public Speaking Theory and practice of basic principles of public speaking, with emphasis on the compositional and presentational aspects of communication in formal speaking situations. This course may be offered as a lecture course with a performance lab.	3	N/A
JCM 146	Intro to Sports Communication This course serves as a foundation to the study and analysis of sports media and provides an overview of professional pathways.	3	N/A
PHL 100	Intro to Philosophy Survey of the main topics of philosophy, which may include God, souls, free will, the nature of right and wrong, just government, truth, and knowledge. Offered in the fall and spring semesters.	3	N/A
PHL 223	Medical Ethics This class provides an introduction to the philosophical study of applied ethics by way of a discussion of topics related to the practice of medical and biological science. Topics of discussion will include abortion, stem cell research, cloning, the allocation of scarce or limited resources, animal experimentation, and patient autonomy, among others. Along the way, other important topics in moral philosophy will be discussed.	3	N/A

*Classes may require proctored exams. A PC or Mac laptop may be required for proctored exams.

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
REL 100	Introduction to Religious Studies Various methodological approaches to the academic study of religion, with examples of religious life and thought drawn from a variety of cultures.	3	N/A
REL 103	Religion in the News This introductory-level course examines the place and function of religion in modern culture by examining the way stories are (or are not) identified as religious in news media. As part of the core curriculum, this course addresses the ability of students to deal with questions of values, ethics or aesthetics as they are represented in the humanistic fields of religious studies and history. The course is broad in scope and takes a global perspective of religion and news media and the relationship between all points of view on these subjects.	3	N/A
REL 104	Religion in Pop Culture Instead of assuming that religion is a distinct aspect of the human, one that interacts only with elements of elite or high culture, this course examines the ways that the beliefs and behaviors that we commonly classify as religious are a part of everyday culture — in particular, the ways that they are produced by and influence popular culture. The course is broad in scope and takes a global perspective on religion and popular culture as well as the relationship between all points of view on these subjects.	3	N/A
REL 112	Intro To New Testament Introduction to the Hellenistic world of early Christianity, examining the early traditions about Jesus that were organized into the Gospels and the letters of Paul.	3	N/A
WS 200	Introduction to Women Studies An interdisciplinary course examining the roles of women in patriarchal society, with emphasis on how factors such as race, class, gender and sexuality contribute to the oppression of women and ways they can be challenged through feminist critical practices.	3	N/A

LITERATURE OPTIONS

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
EN 205*	English Literature I Survey of English literature from the Anglo-Saxon period to 1800, including Chaucer, Shakespeare and Milton.	3	EN 101 and EN 102 or AP Score of 3 or higher
EN 206*	English Literature II Survey of English literature from the Anglo-Saxon period from 1800 to the present, including works from the Romantic, Victorian and Modern eras.	3	EN 101 and EN 102 or AP Score of 3 or higher

*Classes may require proctored exams. A PC or Mac laptop may be required for proctored exams.

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
EN 209*	American Literature I Survey of American literature from its beginnings to 1865, including works by Poe, Thoreau, Emerson, Melville and Whitman, among others.	3	EN 101 and EN 102 or AP Score of 3 or higher
EN 210*	American Literature II Literature from 1865 to the present, including Dickinson, Twain, Hemingway, Faulkner and Morrison.	3	EN 101 and EN 102 or AP Score of 3 or higher

MATH OPTIONS

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
MATH 005*	Introductory Algebra Brief review of arithmetic operations and basic algebraic concepts: factoring, operations with polynomials and rational expressions, linear equations and word problems, graphing linear equations, simplification of expressions involving radicals or negative exponents, and elementary work with quadratic equations. Grades are reported as pass/fail.	3	No Prerequisite required for this course
MATH 100*	Intermediate Algebra Intermediate-level course, including work on functions, graphs, linear equations and inequalities, quadratic equations, systems of equations and operations with exponents and radicals. The solution of word problems is stressed.	3	UA Math Placement Test Score 190, ACT Math Subscore 18, SAT Math (new) 480, MATH 005
MATH 110*	Finite Mathematics This course is intended to give an overview of topics in finite mathematics with applications. This course covers mathematics of finance, logic, set theory, elementary probability and statistics. This course does not provide sufficient background for students who will need to take Precalculus Algebra or Calculus courses. *This course is not for Engineering/Business/Science/Mathematics or Pre Med majors	3	UA Math Placement Test Score 190, ACT Math Subscore 18, SAT Math (new) 480, MATH 005
MATH 112*	Precalculus Algebra A higher-level course emphasizing functions, including polynomial functions, rational functions, and the exponential and logarithmic functions. Graphs of these functions are stressed. The course also includes work on equations, inequalities, systems of equations, the binomial theorem, and the complex and rational roots of polynomials. Applications are also stressed.	3	UA Math Placement Test Score 310, ACT Math Subscore 24, SAT Math (new) 580, or MATH 100
MATH 113*	Precalculus Trigonometry Continuation of MATH 112. The course includes study of trigonometric functions, inverse trigonometric functions, trigonometric identities and trigonometric equations. Complex numbers, de Moivre's theorem, polar coordinates, vectors and other topics in algebra are also addressed, including conic sections, sequences and series.	3	MATH 112

*Classes may require proctored exams. A PC or Mac laptop may be required for proctored exams.

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
MATH 115*	Precalculus Algebra and Trigonometry Properties and graphs of exponential, logarithmic and trigonometric functions are emphasized. Also includes trigonometric identities, polynomial and rational functions, inequalities, systems of equations, vectors and polar coordinates.	3	UA Math Placement Test Score 370, ACT Math Subscore 28, or SAT Math (new) 650
MATH 121*	Calculus and Applications A brief overview of calculus for students.	3	UA Math Placement Test Score 440, ACT Math Subscore 30, SAT Math (new) 710, Math 112 or Math 115
MATH 125*	Calculus I This is the first of three courses in the basic calculus sequence. Topics include the limits of a function; the derivative of algebraic, trigonometric, exponential and logarithmic functions; and the definite integral. Applications of the derivative are covered in detail, including approximations of error using differentials, maxima and minima problems, and curve sketching using calculus. There is also a brief review of selected precalculus topics at the beginning of the course.	4	UA Math Placement Test Score 440, ACT Math Subscore 30, SAT Math (new) 710, Math 112/Math 113 or Math 115
MATH 126*	Calculus II This is the second of three courses in the basic calculus sequence. Topics include vectors and the geometry of space, applications of integration, integration techniques, L'Hopital's rule, improper integrals, parametric equations, polar coordinates, conic sections and infinite series.	4	MATH 125
MATH 227*	Calculus III This is the third of three courses in the basic calculus sequence. Topics include vector functions and motion in space; functions of two or more variables and their partial derivatives; and applications of partial derivatives (including Lagrange multipliers), quadric surfaces, multiple integration (including Jacobian), line integrals, Green's theorem, vector analysis, surface integrals and Stokes' theorem.	4	MATH 126
MATH 237	Introduction to Linear Algebra Fundamentals of linear algebra and matrix theory are covered. Topics include vectors in Euclidean spaces, solving systems of linear equations, matrix algebra, inverses, determinants, eigenvalues, and eigenvectors. Also vector spaces and the basic notions of span, subspace, linear independence, basis, dimension, linear transformation, kernel and range are considered. Computing proficiency is required for a passing grade in this course.	3	C- or higher in MATH 126 or C- or higher in MATH 146

*Classes may require proctored exams. A PC or Mac laptop may be required for proctored exams.

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
MATH 238*	Applied Differential Equations I Introduction to analytic and numerical methods for solving differential equations. Topics include numerical methods and qualitative behavior of first order equations, analytic techniques for separable and linear equations, applications to population models and motion problems; techniques for solving higher order linear differential equations with constant coefficients (including undetermined coefficients, reduction of order, and variation of parameters), applications to physical models; the Laplace transform (including initial value problems with discontinuous forcing functions). Use of mathematics software is an integral part of the course. Computing proficiency is required for a passing grade in this course.	3	MATH 126

NATURAL SCIENCE OPTIONS

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
AY 101:102*	Introduction to Astronomy and Lab This course surveys the development of our current understanding of the universe, including our solar system, exoplanets, stars and stellar evolution (including white dwarfs, neutron stars, black holes, and supernovae), galaxies and cosmology (dark matter, dark energy, the Big Bang, the accelerating universe, supermassive black holes) and life in the universe. (AY 102 is lab).	4	N/A
BSC 108*	Introduction to Biology Non-Major – Cellular Survey of the basic principles of cellular biology, genetics, plant and animal diversity and evolution. Usually offered fall, spring and summer.	4	N/A
BSC 109*	Introduction to Biology Non-Major – Human Study of the physiology of living organisms with emphasis on the physiology of humans. Includes an overview of general ecology and animal behavior.	4	N/A
BSC 114:115*	Principles of Biology I and Lab (BSC 115 is Lab) Study of general biological principles, including the chemical basis of life; cellular biology, including cell structure and metabolism; genetics evolution; and a survey of simple organisms, including viruses, bacteria, Protista and fungi.	4	N/A
BSC 116:117*	Principles of Biology II and Lab (BSC 117 is Lab) Study of the structure, function and ecology of organisms, including bryophytes, vascular plants, and invertebrate and vertebrate animals.	4	BSC 114:115

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COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
CH 100*	General Chemistry I – Plus This course is designed for students with lower-level math backgrounds to successfully complete the freshman-level entry course in general chemistry, a foundational and core science survey course. The course content is identical to CH 101, but expanded to include additional development of basic science, chemistry, math and problem-solving skills for students who need the additional guidance. Students who receive credit for CH 100 will qualify to subsequently take CH 102. Students cannot receive credit for both CH 100 and CH 101.	5	MATH 112 or higher, ACT Math 28 or SAT Math 650
CH 101*	General Chemistry Three lectures and one three-hour laboratory. First semester of the general chemistry sequence designed for students majoring in science, engineering, or pre-health profession pathways. Topics include basic chemical calculations, structure and naming of compounds, and behavior of gases. Degree credit is not awarded for both CH 101 and CH 100 or for both CH 101 and CH 117. Usually offered in the fall, spring, and summer semesters.	4	UA Math Placement Test Score of 370-439 or ACT Math of 28 or old SAT Math of 630 or new SAT Math of 650
CH 102*	General Chemistry and Lab Continuation of CH 100 or CH 101, with basic inorganic chemistry. Includes a systematic study of the elements and the structures, properties and reactions of their compounds.	4	CH 101
CH 104*	Introductory Chemistry An introductory survey of the facts, principles and theories of chemistry.	4	N/A
CH 105*	Introduction to Organic Chemistry Brief survey of organic and biochemistry.	4	CH 104
GEO 101*	The Dynamic Earth Study of the Earth including materials, internal and external processes, deformational events and plate tectonics.	4	N/A
GEO 102*	The Earth Through Time Survey of Earth's history including the origin of the Earth, plate tectonics and the evolution of the continents and ocean basins, and the development of life.	4	N/A
PH 101*	General Physics I An algebra-based introductory course, including classical mechanics and thermodynamics. Topics include kinematics, Newtonian dynamics, conservation of energy and momentum, rotational motion, oscillations and waves, kinetic theory of gases and thermodynamics.	4	MATH 113 or higher
PH 102*	General Physics II An algebra-based introductory course, including electricity and magnetism, optics and modern physics. Topics include electrostatic force and fields, electrical energy, capacitance, resistance, DC circuits, magnetism, induction, AC circuits, electromagnetic waves, geometric optics, wave optics, relativity, quantum mechanics, atomic physics and nuclear physics.	4	PH 101

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COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
PH 105*	General Physics With Calculus I This is an introductory calculus-based course covering classical mechanics, conservation laws, oscillations, waves and thermal phenomena. Two course format options may be offered: a studio format with integrated lectures and laboratories and a non-studio format in which lectures and laboratories meet separately.	4	MATH 125
PH 106*	General Physics With Calculus II Lecture and laboratory. Introductory calculus-based course in classical physics, including electricity, magnetism and optics.	4	MATH 126 and PH 105

SOCIAL AND BEHAVIORAL SCIENCE OPTIONS

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
AAST 201	Introduction to African American Studies A basic outline of the diversity and complexity of the African American experience in the United States: the early academic and social concerns of Black Studies advocates; the changes in the field's objectives that arise from its connections to contemporary social movements for Black Power, women's liberation, and multiculturalism; and its major theoretical and critical debates.	3	N/A
ANT 100	Anthropology: The Study of Humanity This course introduces students to the subfields of anthropology and demonstrates the benefits of a holistic approach to understanding globalization, multiculturalism and cultural diversity. The concepts of evolution, human prehistory, language, and culture are explored as well as the diversity of human cultural patterns, including variations in marriage, kinship and religion.	3	N/A
ANT 102	Introduction to Cultural Anthropology An introduction to the discipline of cultural anthropology, the branch of anthropology that examines the rules and behaviors of contemporary human cultures. The course will demonstrate the importance of a holistic approach to understanding human diversity and compare and contrast the various developments cultures use to tackle the universal problems of human living.	3	N/A
ANT 103	Discoveries In Archaeology This course examines the major archaeological discoveries of the last two centuries that have led to significant insight about the nature of human organization. Not only will some of the broader cultural patterns in human prehistory be explored such as the origins of writing, religion, art, calendar systems, agriculture, and cities, but we will also learn about several remarkable archaeological sites and phenomena, including Stonehenge, the pyramids of Egypt, upper Paleolithic cave paintings, Machu Picchu and many other impressive achievements of the past.	3	N/A
CJ 100	Introduction to Criminal Justice An overview of the criminal justice system with emphasis on the roles and problems of law enforcement, courts and correctional components.	3	N/A

*Classes may require proctored exams. A PC or Mac laptop may be required for proctored exams.

COURSE	TITLE	CREDIT HOURS	PREREQUISITE(S)
EC 110*	Principles of Microeconomics Introduction to microeconomic analysis, concentrating on consumer and producer behavior, competitive and imperfect markets, public policy and regulation, and income distribution.	3	MATH 100 or higher, ACT Math 24, SAT Math 580, or Math placement test of 310 or higher
EC 111*	Principles of Macroeconomics Introduction to macroeconomic analysis, concentrating on national income, price levels, employment, monetary and fiscal policies, and international trade and development.	3	EC 110
GY 105	World Regional Geography (On-campus Only) Introduction to geography through a survey of the world's major geographic regions. Examines their physical and cultural features, economies and populations.	3	N/A
GY 110	People, Places and Environment (On-campus Only) Introduction to geography as a science for learning the fundamentals of human behavior and decision making. Examines how human events, natural resources, economies, development, and urbanization impact the way humankind lives, organizes its space, and makes decisions for the future.	3	N/A
HD 101	Life Span of Human Development An introductory survey of basic principles of human development across the life span. Developmental principles are studied within the framework of change and stability in the domains of the physical, cognitive and psychosocial development.	3	N/A
MC 101	Introduction to Mass Communication Introduction to the fields of communication, including theory, law and regulation, history, social implications and mass media operations.	3	N/A
PSC 101	Introduction to American Politics Survey of the principles, political institutions and practices of American national, state and local politics.	3	N/A
PY 101	Introduction to Psychology Basic principles of psychology.	3	N/A
SOC 101	Introduction to Sociology Introduction to the scientific study of human social behavior.	3	N/A
SW 200	History of Social Welfare in the U.S. Study of the historical development of social welfare, the social work profession and the philosophical bases for the provision of various social welfare services to persons throughout the life course. Major consideration is given to the development of social welfare programs and services within a political and economic context, with particular attention to influential social values in the United States.	3	N/A

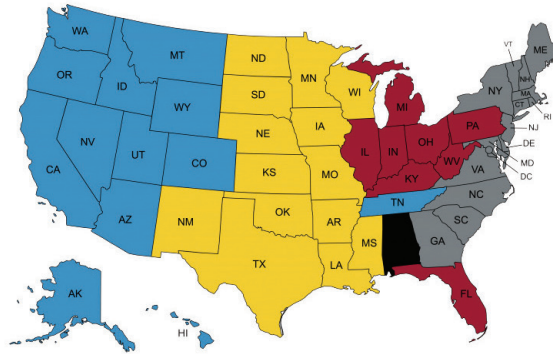
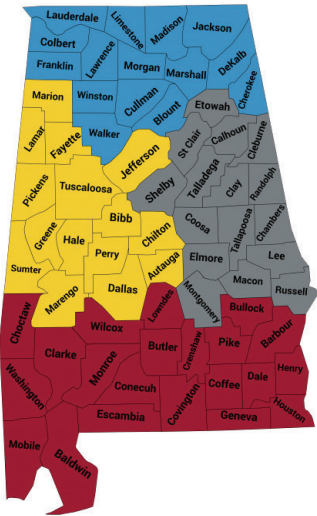
* Classes may require proctored exams. A PC or Mac laptop may be required for proctored exams.

Information may change without notice. For the most up-to-date information about classes, see the UA Academic Catalog.

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