



UA EARLY COLLEGE TYPICAL COURSE OPTIONS 2020–2021 ACADEMIC YEAR

UA Early College Required Course				
Course	Title	Credit Hours	Proctor Required	Prerequisite(s)
UAEC 200	College Readiness Course In this month-long 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 75% or higher to take any other courses online or on campus, or to participate in Summer On Campus.	2	No	N/A

Computer Science Options				
Course	Title	Credit Hours	Proctor Required	Prerequisite(s)
CIS 250	Introduction to Design Software This class is an active learning introductory skills course to the Adobe CC programs Photoshop, Illustrator and InDesign. Through this class, students will learn the primary skill set for applications used to make professionally designed posters, ads, brochures, newsletters and other documents prevalent in communication. Computing proficiency is required for a passing grade in this course.	3	No	N/A
CS 102	Computer Applications Familiarization with Windows, fundamental and intermediate word processing commands, spreadsheet applications and database management.	3	No	N/A
CS 104	Computer Science Principles An introductory course that overviews the core principles of computer science from a broad spectrum of topics. The course content is focused on computing and its relation to creativity, abstraction, algorithms, programming, Big Data, internet/networking and societal impact. Students will work on team-based projects that explore topics in Big Data, investigate the impact of the internet, and create their own games and/or smartphone applications. Students will use the graphical programming language Snap. Computing proficiency is required for a passing grade in this course.	3	No	MATH 112 MATH 115 MATH 125 MATH 126 MATH 145 or MATH 146
CS 202	Web Foundations Introduces the student to the fundamentals of the internet and webpage design and development. Students will be shown how to use the internet, text editors and build basic webpages using HTML coding. This will include, but not be limited to, hyperlinks, tables, basic CSS styling, frames and forms. The student will also be given demonstrations and assignments using a WYSIWYG editor.	3	No	N/A

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	No	N/A
CS 302	Website Design A course designed to teach website design principles and implementation techniques.	3	No	CS 202
ST 260	Statistical Data Analysis Introduction to the use of basic statistical concepts in business applications. Topics include extensive graphing; descriptive statistics; measures of central tendency and variation; regression, including transformations for curvature; sampling techniques; designs; conditional probability; random variables; probability distributions; sampling distributions; confidence intervals; and statistical inference. Computer software applications are utilized extensively. Emphasis throughout the course is on interpretation. Computing proficiency is required for a passing grade in this course. Students are limited to three attempts for this course, excluding withdrawals.	3	Yes	MATH 112 MATH 115 MATH 121 MATH 125 MATH 126 MATH 145 or MATH 146, plus MIS 200

Freshman English Composition Options				
Course	Title	Credit Hours	Proctor Required	Prerequisite(s)
EN 101	English Composition I - optional literature component (American or British) 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	No	N/A
EN 102	English Composition II - optional literature component (American or British) Intermediate college-level writing covering the principles of argumentation, advanced critical thinking and analysis, university-level research techniques and research paper-writing.	3	No	EN 101 or AP Literature or AP Language score of 3 or higher

Elective Option				
Course	Title	Credit Hours	Proctor Required	Prerequisite(s)
HES 250	Career Development and Planning This elective course designed for freshmen and sophomores offers students the opportunity to evaluate themselves, their abilities and interests, their personality characteristics and their values, in order to begin forming career goals or to complete goals already set. This course will provide students with information on occupational characteristics, the career decision-making process and current issues in the career world, developing employability, job readiness and job search techniques.	3	No	N/A

Fine Arts Options				
Course	Title	Credit Hours	Proctor Required	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	No	N/A
ARH 252	Survey of Art I Survey of major examples of painting, sculpture and architecture from the prehistoric through the medieval periods.	3	No	N/A
ARH 253	Survey of Art II Survey of major examples of painting, sculpture and architecture from the Renaissance through the modern periods.	3	No	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.	3	No	N/A
MUS 121	Introduction to Listening Credit earned in this course may not be applied to a major program in the School of Music. The course presupposes no musical training on the student's part. Emphasis is on what to listen for in music.	3	No	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	No	N/A

Foreign Language (and Humanities) Options				
Course	Title	Credit Hours	Proctor Required	Prerequisite(s)
ARB 101	Elementary Arabic This is an introductory course to the Arabic language and is intended for those with no prior knowledge of the language.	4	Yes	N/A
CHI 101	Elementary Chinese Contemporary Chinese language (Mandarin): speaking, listening, reading and writing of simplified Chinese characters. The class meets five hours per week with an instructor. This course is intended for students with no prior knowledge of Chinese. Native speakers or near native speakers of the language are not allowed to enroll. Any students with background knowledge of this language must see the program director before enrolling.	4	Yes	N/A
CHI 102	Elementary Chinese II This is a continuation of Chinese language (Mandarin) on the elementary level. Course goals include authentic reading and writing Chinese and a continuation of speaking with listening comprehension. The class meets five hours per week with an instructor. Native speakers or near native speakers of the language are not allowed to enroll.	4	Yes	CHI 101 or Placement Test
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.	4	Yes	N/A
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.	4	Yes	FR 101 or Placement Test

GN 101	Elementary German I GN 101 is the first semester elementary German course. It emphasizes the acquisition of all modes of communication, language structure and culture.	4	Yes	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	Yes	GN 101 or Placement Test
JA 101	Elementary Japanese I Five hours of instruction per week. Acquisition of elementary Japanese language skills in listening, speaking, reading and writing.	4	Yes	N/A
JA 102	Elementary Japanese II JA 102 is the successor of JA 101, designed for beginning learners. Students will learn vocabulary and sentence structures for use in daily situations through various forms of communicative practice. While continuing to develop students' competence in Japanese, cultural topics will be introduced and explored from each chapter of the textbook through short readings, lectures and videos.	4	Yes	JA 101 or Placement Test
JA 201	Intermediate Japanese I JA 201 is the successor of JA 102, designed for intermediate learners. Students will learn vocabulary and sentence structures for use in daily situations through various forms of communicative practice. While continuing to develop students' competence in Japanese, cultural topics will be introduced and explored from each chapter of the textbook through short readings, lectures and videos: planning trips in Japan, marriage in Japan, Japanese host families and famous Japanese landmarks.	3	Yes	JA 102 or Placement Test
JA 202	Intermediate Japanese II A continuation of JA 201.	3	Yes	JA 201 or Placement Test
KOR 101	Elementary Korean Speaking, reading, and writing. Course involves directed self-instructional approach in the Critical Languages Center. Students are required to study the textbook and practice with assigned audiovisual materials. Students have practice sessions three hours per week with a "language trainer" who is a native/near native (or superior level) speaker of the language. Native speakers of this language cannot take this course. Any students with background knowledge of this language must see the CLC director for permission before registering.	3	Yes	N/A
LA 101	Elementary Latin Beginning fundamentals of Latin grammar and syntax.	3	Yes	N/A
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 basic communicative skills in Spanish as a foreign language and general knowledge about culture in the Spanish-speaking world.	4	Yes	N/A
SP 102	Introductory Spanish II A continuation of Introductory Spanish I. Conducted completely in Spanish.	4	Yes	SP 101 or Placement Test

History Options				
Course	Title	Credit Hours	Proctor Required	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	No	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	No	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	No	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	No	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	No	N/A

Humanities Options				
Course	Title	Credit Hours	Proctor Required	Prerequisite(s)
COM 122	Critical Decision-Making Introductory course in thinking critically and speaking credibly for participating in the process of public decision-making and responsible civic engagement.	3	No	N/A
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	No	N/A
JCM 112	Motion Picture and History Criticism Development of the cinema, with emphasis on the relation of technical advances to film content and style.	3	No	N/A
JCM 200	Foundations for Journalism Introduction to the traditional and emerging concepts and practices of journalism, including writing and design, uses of social media, news, values, history, law and ethics.	3	No	N/A
PHL 100	Introduction 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.	3	Yes	N/A
PHL 292	Introduction to Ethics Introduction to competing views of how one ought to live, designed to promote the development of a reasoned view of one's own. May include such topics as ethical relativism, the nature of justice and of rights, and the relationship of law and morality.	3	Yes	N/A

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	No	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. Drawing on various historical examples — from print to digital media — the course introduces students to the academic study of religion through case studies of how religion is commonly represented in the media, paying particular attention to the possible motives and practical consequences to classifying claims, actions and organizations as religious or not. 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. The emphasis of the course is the history and appreciation of religion, media and culture.	3	No	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. Myths, rituals and traditions circulate all throughout mass culture via print, radio, television and now the web. As a 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 learning regarding the study of religion, film, art, music and online media. 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	No	N/A
REL 110	Introduction to the Old Testament Introduction to the books of the Old Testament — or the Hebrew Bible as it is known in Judaism — in their historical setting, with emphasis on textual analysis and on literary forms and their function and use in the past and present.	3	No	N/A
REL 112	Introduction to the 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	No	N/A
WS 200	Introduction to Women's 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	No	N/A

Literature (and Humanities) Options				
Course	Title	Credit Hours	Proctor Required	Prerequisite(s)
EN 205	English Literature I Survey of English literature from the Anglo-Saxon period to 1800, including Chaucer, Shakespeare and Milton	3	Yes	EN 101 and EN 102 or AP score of 4 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	Yes	EN 101 and EN 102 or AP score of 4 or higher

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	Yes	EN 101 and EN 102 or AP score of 4 or higher
EN 210	American Literature II Literature from 1865 to the present, including Dickinson, Twain, Hemingway, Faulkner and Morrison.	3	Yes	EN 101 and EN 102 or AP score of 4 or higher

Math Options				
Course	Title	Credit Hours	Proctor Required	Prerequisite(s)
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	Yes	ACT Math score 18, SAT Math score 480 or Placement Test
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.	3	Yes	ACT Math score 18, SAT Math score 480, or Placement Test
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	Yes	ACT Math score 24, SAT Math score 580, or Placement Test
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	Yes	MATH 112
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	Yes	ACT Math score 28, SAT Math score 650 or Placement Test
MATH 121	Calculus and Applications A brief overview of calculus for students.	3	Yes	ACT Math score 30, SAT Math score 710, MATH 112 or Placement Test
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.	3	Yes	ACT Math score 30, SAT Math score 710, MATH 113 or MATH 115 or Placement Test
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.	3	Yes	MATH 125 or AP Calculus score of 3 or higher

Natural Science Options				
Course	Title	Credit Hours	Proctor Required	Prerequisite(s)
AY 101:102	Introduction to Astronomy and Lab (AY 102 is 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.	4	Yes	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	Yes	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	Yes	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	Yes	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	Yes	BSC 114:115
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. Additional lecture time is included for instruction in these areas, including added supervised problem-solving and mentoring of these students to better prepare and train them for successful completion of the first semester of general chemistry. 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	Yes	MATH 112 or higher
CH 101	General Chemistry and Lab A survey of the fundamental facts, principles and theories of general chemistry.	4	Yes	MATH 113 or higher
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	Yes	CH 101
CH 104	Introductory Chemistry An introductory survey of the facts, principles and theories of chemistry.	4	Yes	N/A
CH 105	Introduction to Organic Chemistry Brief survey of organic and biochemistry.	4	Yes	CH 104
GEO 101	The Dynamic Earth Study of the Earth including materials, internal and external processes, deformational events and plate tectonics.	4	Yes	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	Yes	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	Yes	MATH 113
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	Yes	PH 101
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	Yes	MATH 125

Social and Behavioral Science Options				
Course	Title	Credit Hours	Proctor Required	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	No	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	No	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	No	N/A
ANT 103	Discoveries in Archeology 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.		No	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	Yes	N/A
COM 220	Interpersonal Communication Study of verbal and nonverbal communication in the evolution of human relationships.	3	No	N/A
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	Yes	MATH 100 or higher, ACT Math score of 24, SAT Math score of 580 or Placement Test
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	Yes	EC 110
GY 105	World Regional Geography Introduction to geography through a survey of the world's major geographic regions. Examines their physical and cultural features, economies and populations.	3	No	N/A
GY 110	People, Places and Environment Introduction to geography through a survey of the world's major geographic regions. Examines their physical and cultural features, economies and populations.	3	No	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	Yes	N/A
JCM 100	Introduction to Story Introduction to story introduces students to narrative structure across a variety of media including film, television, news, documentary and emerging media.	3	No	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	No	N/A
PSC 101	Introduction to American Politics Survey of the principles, political institutions, and practices of American national, state and local politics.	3	No	N/A
PY 101	Introduction to Psychology Basic principles of psychology.	3	No	N/A
SOC 101	Introduction to Sociology Introduction to the scientific study of human social behavior.	3	No	N/A

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