ASU Online Dual Credit Course Guide

Course	Brief Description *(full course descriptions with additional information can be found in the ASU undergraduate catalog)*	Prerequisites and/or Specific Student Skills Needed *(in addition to discipline for online coursework)*	Recommended Grade Levels and Future Majors	Possible Equipment Requirements *(in addition to a computer with reliable internet)*
ARTS 1301	A course designed to lead to a basic understanding and increased enjoyment of the visual arts		9th – 12th All majors – Core Creative Arts 050	
BIOL 1307 / 1107	A course designed to introduce the unifying principles of biology with emphasis on biological diversity, evolution, and ecology; Not intended for non-science majors		12th STEM majors – Core Sciences 030	**Webcam; Respondus Lockdown Browser (free download)**
BIOL 1306 / 1106	A course designed to introduce the unifying principles of biology with emphasis on biological chemistry, energetics and homeostasis, cell structure and function, gene expression, and patterns of inheritance	Completion of BIOL 1307/1107	12th STEM majors – Core Sciences 030	**Webcam; Respondus Lockdown Browser (free download)**
BIOL 1308 / 1108	A course designed to include fundamentals of human anatomy and functions of the major systems of the body, contemporary health issues, human heredity, and human evolution; For non-biology majors		11th – 12th Non-STEM majors – Core Sciences 030	**Webcam; Respondus Lockdown Browser (free download)**
BIOL 1309 / 1109	A course designed to include a survey of contemporary ecological concepts that affect man's life, values, and culture; For non-biology majors		11th – 12th Non-STEM majors – Core Sciences 030	**Webcam; Respondus Lockdown Browser (free download)**
COMM 1315	A course designed to help students learn to communicate effectively in public by presenting a variety of speeches	Research skills and maturity to cover topics related to controversial local, state, national and international matters	11th or 12th All majors – Core Component Area 091	**Device to record and upload speeches; Respondus Lockdown Browser (free download)**

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ECON 2301	A course designed to introduce students to the economic way of thinking and fundamental macroeconomics analysis	Strong quantitative skills; knowledge of slope formula and ability to read graphs	11th or 12th All majors, especially Business – Core Social/Behavioral 080	
ENGL 1301	A course designed to offer practice in producing effective prose essays and analyzing and discussing readings	Completion of TSI requirements	11th or 12th All majors – Core Communication 010	**Webcam; Respondus Lockdown Browser (free download)**
ENGL 1302	A course designed to help students learn critical reading and writing skills, including during the research process	Completion of ENGL 1301	11th or 12th All majors – Core Communication 010	**Webcam; Respondus Lockdown Browser (free download)**
ENGL 2321	A course designed to emphasize reading, comprehending, appreciating and thinking critically with works by British writers	Completion of TSI requirements	12th All majors – Core Language / Philosophy 040	**Webcam; Respondus Lockdown Browser (free download)**
ENGL 2326	A course designed to emphasize reading, comprehending, appreciating and thinking critically with works by American writers	Completion of TSI requirements	12th All majors – Core Language / Philosophy 040	**Webcam; Respondus Lockdown Browser (free download)**
HIST 1301	A course designed to survey American development through the period of the Civil War	Strong writing skills	10th – 12th All majors – Core History 060	**Webcam; Respondus Lockdown Browser (free download)**
HIST 1302	A course designed to survey American development from Reconstruction to the present	Strong writing skills	10th – 12th All majors – Core History 060	**Webcam; Respondus Lockdown Browser (free download)**
MATH 1314	A course designed to cover exponents and radicals, logarithms, factoring, algebraic quotients, systems of equations, inequalities, absolute value, complex numbers, quadratic equations, binomial theorem, progressions, theory of equations, and determinants	Completion of TSI requirements; Success (A/B students) in two years of high school algebra	11th or 12th All majors; Recommended for STEM majors – Core Mathematics 020	

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MATH 1332	A course designed to cover topics including graphs and networks, theory of elections and apportionment, statistics, and mathematical models	Completion of TSI requirements	11th or 12th Non-STEM majors – Core Mathematics 020	
MATH 2412	A course designed to give an overview of topics from algebra, trigonometry, and analytic geometry that are needed for calculus	Completion of MATH 1314	11th or 12th STEM majors – Core Mathematics 020	
MUSI 1306	A course designed to learn about the basic elements of music and examine how they are used in Western European Music		10th – 12th All majors – Core Creative Arts 050	
PHYS 1303	A course designed to study of the current knowledge and techniques of astronomy		11th – 12th Non-STEM majors – Core Sciences 030	**Respondus Lockdown Browser (free download)**
PHYS 1304	A course designed to study of the current knowledge and techniques of planetary astronomy		11th – 12th Non-STEM majors – Core Sciences 030	**Respondus Lockdown Browser (free download)**
POLS 2305	A course designed to study the federal government and American politics	Strong writing skills	12th All majors – Core Government 070	
POLS 2306	A course designed to study Texas government and politics	Strong writing skills	12th All majors – Core Government 070	
PSY 2301	A course designed to introduce some of psychology's foundational areas, concepts, and empirical methods		11th or 12th All majors – Core Social/Behavioral 080	**Webcam; Respondus Lockdown Browser (free download)**

- All college-level English courses require passing TSI/approved exemption scores in Reading and Writing
- All college-level math courses require passing TSI/approved exemption scores in Math
- Recommended grade levels and future majors is based on suggestions for each specific course, but is not a requirement to follow and is up to the discretion of the school. Courses with a required prerequisite are listed in the prerequisite/skills column.
- Technology requirements may vary based on instructor.