



ASU Online Dual Credit Course Guide

| Course | Brief Description <i>(full course descriptions with additional information can be found in the ASU undergraduate catalog)</i> | Prerequisites and/or Specific Student Skills Needed <i>(in addition to discipline for online coursework)</i> | Recommended Grade Levels and Future Majors | Possible Equipment Requirements <i>(in addition to a computer with reliable internet)</i> |
|------------------|--|--|--|---|
| ARTS 1301 | A course designed to lead to a basic understanding and increased enjoyment of the visual arts | | 9 th – 12 th 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 | | 12 th 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 | 12 th 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 | | 11 th – 12 th 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 | | 11 th – 12 th 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 | 11 th or 12 th 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 | 11 th or 12 th 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 | 11 th or 12 th 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 | 11 th or 12 th 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 | 12 th 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 | 12 th 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 | 10 th – 12 th 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 | 10 th – 12 th 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 | 11 th or 12 th 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 | 11 th or 12 th 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 | 11 th or 12 th 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 | | 10 th – 12 th All majors – Core Creative Arts 050 | |
| PHYS 1303 | A course designed to study of the current knowledge and techniques of astronomy | | 11 th – 12 th 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 | | 11 th – 12 th 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 | 12 th All majors – Core Government 070 | |
| POLS 2306 | A course designed to study Texas government and politics | Strong writing skills | 12 th All majors – Core Government 070 | |
| PSY 2301 | A course designed to introduce some of psychology's foundational areas, concepts, and empirical methods | | 11 th or 12 th 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.