GENERAL EDUCATION PAGES:

**Chair of the Committee on General Education**

JOSEPH ZORNADO

Distribution Courses

Distribution courses emphasize ways of thinking and methods of inquiry within various disciplines. Students are required to take one course in each of the following seven areas:

• Arts—Visual and Performing

• History

• Literature

• Mathematics

• Natural Science (lab required)

• Social and Behavioral Sciences

• Advanced Quantitative/Scientific Reasoning

Courses

Advanced Quantitative/Scientific Reasoning (AQSR)

Courses in the AQSR category have Mathematics or Natural Science prerequisites and often additional prerequisites. For the full list of prerequisites, see the course description section of this catalog.

ONE COURSE from

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| ANTH 235 | Bones and Stones: How Archaeologists Know | 4 | Annually |
| ANTH 237 | Measuring Inequality, Analyzing Injustice | 4 | Annually |
| ANTH 306 | Primate Ecology and Social Behavior | 4 | F, Sp |
| ANTH 307 | Human Nature: Evolution, Ecology, and Behavior | 4 | F, Sp |
| BIOL 314 | Genetics | 4 | F |
| BIOL 335 | Human Physiology | 4 | F, Sp, Su |
| CHEM 104 | General Chemistry II | 4 | F, Sp, Su |
| CHEM 106 | General, Organic, and Biological Chemistry II | 4 | F, Sp, Su |
| CSCI 423 | Analysis of Algorithms | 4 | F (odd years), Sp |
| GEOG 201 | Mapping Our Changing World | 4 | F, Sp |
| GEOG 205 | Earth's Physical Environments | 4 | F, Sp |
| HIST 207 | History Through Numbers | 4 | F, Sp |
| HSCI 232 | Human Genetics | 4 | F |
| MATH 213 | Calculus II | 4 | F, Sp, Su |
| MATH 239 | Contemporary Topics in Mathematics II | 4 | F, Sp, Su |
| MATH 241 | Statistical Methods II | 4 | As needed |
| MATH 245 | Principles of Data Science | 4 | F, Sp |
| MATH 248 | Business Statistics I | 4 | F, Sp, Su |
| MATH 324 | College Geometry | 4 | F, Sp |
| MGT 249 | Business Statistics II | 4 | F, Sp, Su |
| PHIL 220 | Logic and Probability in Scientific Reasoning | 4 | F, Sp |
| PHYS 102 | Physics for Science and Mathematics II | 4 | F, Sp, Su |
| PHYS 120 | The Extraordinary Physics of Ordinary Things | 4 | Sp |
| PHYS 309 | Nanoscience and Nanotechnology | 4 | F (even years) |
| POL 300 | Methodology in Political Science | 4 | F, Sp |
| PSCI 204 | Understanding the Physical Universe | 4 | F, Sp, Su |
| PSCI 208 | Forensic Science | 4 | F, Sp |
| PSCI 214 | Introduction to Meteorology | 4 | F |
| SOC 302W | Social Research Methods | 4 | F, Sp, Su |
| SOC 404 | Social Data Analysis | 4 | F, Sp, Su |
| SWRK 303 | Social Work Research Methods II | 4 | F, Sp, Su |
| TECH 306 | Automation and Control Systems | 4 | Annually |

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Arts—Visual and Performing (A)

ONE COURSE from

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| ART 101 | Drawing I: General Drawing | 4 | F, Sp |
| ART 104 | Design I: Two-Dimensional Design | 4 | F, Sp |
| ART 201 | Introduction to Visual Arts | 4 | As needed |
| ART 210 | Nurturing Artistic and Musical Development | 4 | F, Sp |
| ART 231W | Prehistoric to Renaissance Art | 4 | F, Sp, Su |
| ART 232 | Renaissance to Contemporary Art | 4 | F, Sp, Su |
| COMM 241 | Introduction to Cinema and Video | 4 | F, Sp, Su |
| COMM 244 | Digital Media Lab | 4 | F, Sp, Su |
| DANC 215 | Contemporary Dance and Culture | 4 | F, Sp |
| ENGL 113 | Approaches to Drama: Page to Stage | 4 | F, Sp |
| FILM 116 | Introduction to Film | 4 | F, Sp, Su |
| MUS 167 | Music Cultures of Non-Western Worlds | 4 | F, Sp |
| MUS 201 | Survey of Music | 4 | F, Sp, Su |
| MUS 203 | Elementary Music Theory | 4 | F, Sp, Su |
| MUS 223 | American Popular Music | 4 | F, Sp |
| MUS 225 | History of Jazz | 4 | F, Sp |
| PHIL 230 | Aesthetics | 4 | F, Sp, Su |
| THTR 240 | Appreciation and Enjoyment of the Theatre | 4 | F, Sp, Su |
| THTR 242 | Acting for Nonmajors | 4 | Su |

History (H)

ONE COURSE from

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| --- | --- | --- | --- |
| HIST 101 | Multiple Voices: Africa in the World | 4 | F, Sp, Su |
| HIST 102 | Multiple Voices: Asia in the World | 4 | F, Sp, Su |
| HIST 103 | Multiple Voices: Europe in the World to 1600 | 4 | F, Sp, Su |
| HIST 104 | Multiple Voices: Europe in the World Since 1600 | 4 | F, Sp, Su |
| HIST 105 | Multiple Voices: Latin America in the World | 4 | F, Sp, Su |
| HIST 106 | Multiple Voices: Muslim People in the World | 4 | F, Sp, Su |
| HIST 107 | Multiple Voices: The United States in the World | 4 | F, Sp, Su |
| HIST 108 | History of Science and Medicine | 4 | Annually |
| HIST 117 | Special Topics in History | 4 | As needed |
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| HIST 118 | Topics in U.S. History to 1877 | 4 | As needed |
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| HIST 119 | Topics in U.S. History from 1877 to Present | 4 | As needed |
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Literature (L)

ONE COURSE from

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| ENGL 118 | Introduction to the Literary Experience | 4 | As needed |
| ENGL 120 | Studies in Literature and Identity | 4 | F, Sp, Su |
| ENGL 121 | Studies in Literature and Nation | 4 | F, Sp, Su |
| ENGL 122 | Studies in Literature and the Canon | 4 | F, Sp, Su |
| ENGL 123 | Studies in Literature and Genre | 4 | F, Sp, Su |
| FREN 115 | Literature of the French-Speaking World | 4 | F, Sp |
| ITAL 115 | Literature of Italy | 4 | F, Sp |
| PORT 115 | Literature of the Portuguese-Speaking World | 4 | F, Sp |
| SPAN 115 | Literature of the Spanish-Speaking World | 4 | F, Sp |

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Course Descriptions

Art

ART 101 - Drawing I: General Drawing (4)

The fundamentals and history of freehand drawing are explored. Observational analysis of forms and space, media characteristics, and pictorial organization approaches are stressed. Studio. 6 contact hours.

General Education Category: Arts - Visual and Performing.

Offered: Fall, Spring.

ART 104 - Design I: Two-Dimensional Design (4)

Two-dimensional compositional strategies are applied through intuitive and logical organization of visual elements. Students also develop basic problem-solving skills while learning to think visually. Studio. 6 contact hours.

General Education Category: Arts - Visual and Performing.

Offered: Fall, Spring.

ART 105 - Drawing II (3)

Drawing from the human figure is introduced, including basic anatomy, general nomenclature, and consideration of various artistic problems. Students work from live models, the skeleton, and anatomy texts. Studio fee charged. 6 contact hours.

Prerequisite: ART 101.

Offered: Fall, Spring.

ART 107 - Foundations in Digital Media (3)

Combines and extends elements from ART 101 and ART 104 with more advanced exploration and research of digital still and moving images for art making. Includes digital photography shooting lab. Studio fee charged. 6 contact hours.

Prerequisite: ART 101 and ART 104.

Offered: Fall, Spring, Summer.

ART 114 - Design II: Three-Dimensional Design (3)

The sequential development of planar and volumetric forms in real space provide the basis for study of visual structure. The role that media, process, and problem solving have in the development of form are also covered. Studio. 6 contact hours.

Prerequisite: ART 104.

Offered: Fall, Spring.

ART 201 – Visual Arts in Society (4)

Introduction to art-making, art vocabulary, and art history. Students work in a studio environment, producing and critiquing works while studying fine arts within the context of history and society. For non-art majors only. Studio and lecture.

General Education Category: Arts – Visual and Performing.

Offered: As needed.

ART 202 - Painting I (3)

The techniques of oil painting are introduced. Color, value, line, form, texture, and compositional problems are explored by observing objects and nature. Studio fee charged. 6 contact hours.

Prerequisite: Concurrent enrollment in or completion of ART 204 or ART 205.

Offered: Fall, Spring.

English

ENGL 113 - Approaches to Drama: Page to Stage (4)

What makes drama unique from other genres? Paying special attention to the performative aspects, students experience, explore, and analyze plays from the Greeks to the contemporary.

General Education Category: Arts - Visual and Performing.

Offered: Fall, Spring.

ENGL 118 - Introduction to the Literary Experience (4)

This course provides students with a rich experience of literature from a variety of periods and genres, exploring the questions of what literature is and how texts make meaning.

General Education Category: Literature.

Offered: As needed.

ENGL 120 - Studies in Literature and Identity (4)

This course provides students with a rich experience of literature from a variety of periods and genres that explores issues of identity.

General Education Category: Literature.

Offered: Fall, Spring, Summer.

History

HIST 108 - History of Science and Medicine (4)

Students examine the ideas and practices that define science and medicine and their relationships with society and culture, using examples from a variety of historical contexts.

General Education Category: History

Offered: Annually.

HIST 117 - Special Topics in History (4)

This course introduces students to historical themes within a particular era or period such as European history, Western civilization or the holocaust.

General Education Category: History.

Offered: As needed.

HIST 118 - Topics in U.S. History to 1877 (3)

This course provides an in-depth study of the history of the United States up to 1877 through five strands of history: political, economic, religious, social and intellectual.

General Education Category: History.

Offered: As needed.

HIST 119 - Topics in U.S. History from 1877 to Present (3)

This course provides an in-depth study of the history of the United States from 1877 to the present through five strands of history: political, economic, religious, social and intellectual.

General Education Category: History.

Offered: As needed.

HIST 201 - U.S. History: 1400-1800 (3)

Students examine Native Americans and the impact of European conquest and settlement, institutionalization of slavery, struggle between empires and colonies, the American Revolution and emergence of the American Republic

Prerequisite: Completion of one of the following: HIST 101, HIST 102, HIST 103, HIST 104, HIST 105, HIST 106, HIST 107, or HIST 108; or consent of department chair.

Offered: Fall, Spring.