# Degree Programs - Undergraduate

## Bachelor of Arts (B.A.)

The B.A. is offered in the following areas:

• Africana Studies

• Anthropology

• Art (Studio) *with* *concentrations in*

• Ceramics

• Digital Media

• Graphic Design

• Metalsmithing and Jewelry

• Painting

• Photography

• Printmaking

• Sculpture

• Art History

• Chemistry

• Communication *with concentrations in*

• Journalism

• Media Communication

• Public and Professional Communication

• Public Relations/Advertising

• Speech, Language, and Hearing Science

• Computer Science

• Dance Performance

• Economics

• Elementary Education *with teaching concentration in*

• Middle Level General Science

• Middle Level Mathematics

• Elementary Education *with content majors in*

• English *(Admission currently suspended)*

• Multidisciplinary Studies *(Admission currently suspended)*

• Social Studies *(Admission currently suspended)*

• English

• English *with concentration in*

• Creative Writing

• Environmental Studies

• Film Studies

• Gender and Women’s Studies

• Geography

• Global Studies

• History

• Justice Studies

• Liberal Studies

• Mathematics

• Modern Languages *with concentrations in*

• Francophone Studies

• French

• Latin American Studies

• Portuguese

• Spanish

• Music

• Philosophy

• Political Science

• Psychology

• Public Administration

• Secondary Education *with majors in*

• Biology

• Chemistry

• English

• General Science

• History

• Mathematics

• Physics

• Social Studies *with concentrations in*

Anthropology

Geography

Global Studies

Political Science

Sociology

• Sociology

• Theatre *with concentrations in*

• Design/Technical

• General Theatre

• Musical Theatre

• Performance

• World Languages Education *with concentrations in*

• French

• Portuguese

• Spanish

• Youth Development

Minors are available in *all* of the full-degree programs above, except elementary education, youth development and public administration. Minors are also offered in behavioral neuroscience, creative writing, Francophone studies, French, gerontology, international nongovernmental organizations studies, Italian, jazz studies, Latin American studies, Portuguese, public history, rhetoric and writing and Spanish.

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

|  |  |  |  |
| --- | --- | --- | --- |
| 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 | Quantitative History Through Applied Statistics | 4 | Sp (alternate years) |
| 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 248 | Business Statistics I | 4 | F, Sp, Su |
| MATH 324 | College Geometry | 4 | F, Sp |
| 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 302 | 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 |

Arts—Visual and Performing (A)

ONE COURSE from

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| ART 101 | Drawing I: General Drawing | 4 | F, Sp |
| ART 104 | Design I: Two-Dimensional Design | 4 | F, Sp |
| ART 210 | Nurturing Artistic and Musical Development | 4 | F, Sp |
| ART 231 | Prehistoric to Renaissance Art | 4 | F, Sp, Su |
| ART 232 | Renaissance to Modern 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 |

Table of Contents

Faculty of arts and sciences

Minors

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Anthropology (p. )

Art (p. )—Ceramics, Digital Media, Graphic Design, Metalsmithing and Jewelry, Painting, Photography, Printmaking, Sculpture

Art History (p. )

Behavioral Neuroscience (p. )

Biology (p. )

Chemistry (p. )

Communication (p. )

Computer Science (p. )

Creative Writing (p. )

Dance Performance (p. )

Digital Media Production (p. )

English (p. )

Environmental Studies (p. )

Film Studies (p. )

Francophone Studies (p. )

French (p. )

Gender and Women’s Studies (p. )

Geography (p. )

Gerontology (p. )

Global Studies (p. )

Health Sciences (p. )

History (p. )

International Nongovernmental Organizations Studies (p. )

Italian (p. )

Jazz Studies (p. )

Justice Studies (p. )

Latin American Studies (p. )

Mathematics (p. )

Music (p. )

Philosophy (p. )

Physics (p. )

Political Science (p. )

Portuguese (p. )

Psychology (p. )

Public History (p. )

Rhetoric and Writing (p. )

Sociology (p. )

Spanish (p. )

Theatre (p. )

NOTE: The listing for the Labor Studies minor also needs to be deleted from the INDEX.

Music in Music Education B.M.

Admission Requirements

Entrance to the music education program is a multi-stage process, beginning with application to rhode island college through the office of undergraduate admissions and simultaneous application for the required entrance audition through the department of music, theatre, and dance. Once the applicant is admitted to the college and passes the music audition, they matriculate as a “music education-intended major.”

Students then apply to the feinstein school of education (fsehd) while enrolled in muse 212 introduction to music education (usually in the second year at ric). Once admitted to fsehd, their academic plan is changed to “music education.”

1. Admission to rhode island college (www.ric.edu/admissions).

2. Successful audition for entrance as a bm-musiced-intended major. (the audition should be completed as soon as possible and may precede admission to ric) (www.ric.edu/mtd/pages/music-auditions.aspx).

3. Admission to fsehd during the sophomore year, including:

A. Fsehd admission requirements listed at http://bit.ly/fsehdadmission.

B. Program-specific requirements for music education.

I. Applied music mus 270-289, 3 semesters (b- or better).

Ii. Successful freshman applied proficiency at the end of second semester of applied lessons.

Iii. Mus 104 and mus 105 (b- or better).

Iv. Large ensemble mus 161-163, 3 semesters (b- or better).

V. Mus 230, mus 231, mus 232, mus 233, mus 234, mus 235 (b- or better).

Note: mus 113 basic rhythm is required for students whose rhythm skills are evaluated as needing significant improvement through an online and live assessment before entrance.

Retention Requirements

1. Students must achieve a minimum grade of B- in all MUSE courses.

2. Students must achieve a minimum grade of B- in MUS 104, MUS 105, MUS 106, MUS 107, MUS 110, MUS 111, MUS 112.

3. Students must achieve a minimum grade of C in all other required MUS courses.

4. Students must pass Freshman Applied Music Proficiency upon completion of the second semester of Applied Music.

Course Requirements

Music Theory

|  |  |  |  |
| --- | --- | --- | --- |
| MUS 230 | Music Theory I | 3 | F |
| MUS 232 | Music Theory II | 3 | Sp |
| MUS 234 | Music Theory III | 3 | F |
| MUS 236 | Music Theory IV | 3 | Sp |

Sight Singing and Ear Training

|  |  |  |  |
| --- | --- | --- | --- |
| MUS 231 | Sight Singing and Ear Training I | 1 | F |
| MUS 233 | Sight Singing and Ear Training II | 1 | Sp |
| MUS 235 | Sight Singing and Ear Training III | 1 | F |
| MUS 237 | Sight Singing and Ear Training IV | 1 | Sp |

Music History and Literature

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
| MUS 167 | Music Cultures of Non-Western Worlds | 4 | F, Sp |
|  |   |  |  |
|  |  |  |  |
| MUS 205 | Music History and Literature I | 3 | F |
| MUS 206 | Music History and Literature II | 3 | Sp |

Note: MUS 167/ANTH 167 will count as Arts GenEd course.

ONE COURSE from

|  |  |  |  |
| --- | --- | --- | --- |
| MUS 310 | Medieval and Renaissance Music | 3 | Sp (even years) |
| MUS 311 | Music of the Baroque | 3 | F (even years) |
| MUS 312 | Music of the Classical Era | 3 | Sp (odd years) |
| MUS 313 | Music of the Romantic Period | 3 | F (odd years) |
| MUS 314 | Twentieth-Century Music | 3 | Sp (even years) |

Class Instruments/Conducting

|  |  |  |  |
| --- | --- | --- | --- |
| MUS 104 | Class Piano I | 1 | F, Sp |
| MUS 105 | Class Piano II | 1 | F, Sp |
| MUS 107 | Class Voice | 1 | Sp |
| MUS 308 | Fundamentals of Conducting | 2 | F |

FOUR COURSES from

|  |  |  |  |
| --- | --- | --- | --- |
| MUS 106 | Class Strings | 1 | Sp |
| MUS 110 | Brass Class | 1 | F |
| MUS 111 | Woodwinds Class | 1 | Sp |
| MUS 112 | Percussion Class | 1 | F |
| MUS 210 | Language Orientation I | 1 | F |
| MUS 211 | Language Orientation II | 1 | Sp |

Note: MUS 210 and MUS 211: Vocalists only; required for vocalists.

Applied Music

|  |  |  |  |
| --- | --- | --- | --- |
| MUS 492 | Senior Recital-Music Education |  | F, Sp, Su |

SEVEN SEMESTERS of each of the following groups:

|  |  |  |  |
| --- | --- | --- | --- |
| MUS 091 | Student Recital Series |  | F, Sp |
| MUS 161-163 | Large Ensembles | 0.5 | F, Sp |
| MUS 270–286 or 288–289 | Applied Music (in one instrument) | 2 | F, Sp |

ONE SEMESTER in a second major ensemble for .5 credits.

Note: Students must pass Freshman Applied Music Proficiency upon completion of the second semester of Applied Music.

Related Requirements

TWO SEMESTERS of either

|  |  |  |  |
| --- | --- | --- | --- |
| MUS 164-166 | Chamber Ensembles | 1 | F, Sp |
|  | -Or- |  |  |
| MUS 268 | Opera Workshop | 1 | F, Sp |

MUS 164-166: Keyboard majors may substitute 1 credit hour of MUS 366 for 1 credit hour of MUS 164.

Professional Courses

|  |  |  |  |
| --- | --- | --- | --- |
| CEP 215 | Introduction to Educational Psychology | 4 | F, Sp, Su |
| FNED 101 | Introduction to Teaching and Learning | 2 | F, Sp, Su |
| FNED 246 | Schooling for Social Justice | 4 | F, Sp, Su |
| MUSE 212 | Introduction to Music Education | 2 | Sp |
| MUSE 412 | General Music Practicum in Music Education | 3 | Sp |
| MUSE 413 | Secondary Ensemble Practicum in Music Education | 3 | F |
| MUSE 424 | Student Teaching in Music Education | 10 | F, Sp |
| MUSE 460 | Student Teaching Seminar in Music Education | 2 | F, Sp |
| SPED 333 | Introduction to Special Education: Policies/Practices | 3 | F, Sp |
| TESL 401 | Introduction to Teaching Emergent Bilinguals | 4 | F, Sp |

Note: CEP 215 will count as Social/Behavioral Sciences GenEd course.

CHOOSE ONE from:

|  |  |  |  |
| --- | --- | --- | --- |
| SPED 433 | Special Education: Best Practices and Applications | 3 | F, Sp |
| TESL 402 | Applications of Second Language Acquisition | 3 | F, Sp |

Total Credit Hours: 98

Music in Performance B.M.

Retention Requirements

1. Students must achieve a minimum grade of C in all required MUS courses.

2. Students must pass Freshman Applied Proficiency upon completion of the first semester of Applied Music.

Course Requirements

Music Theory

|  |  |  |  |
| --- | --- | --- | --- |
| MUS 230 | Music Theory I | 3 | F |
| MUS 232 | Music Theory II | 3 | Sp |
| MUS 234 | Music Theory III | 3 | F |
| MUS 236 | Music Theory IV | 3 | Sp |
| MUS 305 | Form and Analysis | 3 | F (odd years) |

ONE COURSE from

|  |  |  |  |
| --- | --- | --- | --- |
| MUS 307 | Composition | 3 | F (even years) |
| MUS 321 | Orchestration | 3 | Sp (odd years) |
| MUS 323 | Counterpoint | 3 | Sp (even years) |
| MUS 458 | Twentieth-Century Theory | 3 | As needed |

Sight Singing and Ear Training

|  |  |  |  |
| --- | --- | --- | --- |
| MUS 113 | Basic Rhythm | 1 | F, Sp |
| MUS 231 | Sight Singing and Ear Training I | 1 | F |
| MUS 233 | Sight Singing and Ear Training II | 1 | Sp |
| MUS 235 | Sight Singing and Ear Training III | 1 | F |
| MUS 237 | Sight Singing and Ear Training IV | 1 | Sp |

Music History and Literature

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
| MUS 167 | Music Cultures of Non-Western Worlds | 4 | F, Sp |
|  |   |  |  |
| MUS 205 | Music History and Literature I | 3 | F |
| MUS 206 | Music History and Literature II | 3 | Sp |
| MUS 360 | Seminar in Music Literature | 2 | Sp |

Note: MUS 167/ANTH 167 will count as Arts GenEd course.

TWO COURSES from

|  |  |  |  |
| --- | --- | --- | --- |
| MUS 310 | Medieval and Renaissance Music | 3 | Sp (even years) |
| MUS 311 | Music of the Baroque | 3 | F (even years) |
| MUS 312 | Music of the Classical Era | 3 | Sp (odd years) |
| MUS 313 | Music of the Romantic Period | 3 | F (odd years) |
| MUS 314 | Twentieth-Century Music | 3 | Sp (even years) |

Class Instruments

|  |  |  |  |
| --- | --- | --- | --- |
| MUS 104 | Class Piano I | 1 | F, Sp |
| MUS 105 | Class Piano II | 1 | F, Sp |
| MUS 308 | Fundamentals of Conducting | 2 | F |

Note: Voice majors are required to take MUS 210 and MUS 211.

Applied Music

|  |  |  |  |
| --- | --- | --- | --- |
| MUS 391 | Junior Recital |  | F, Sp, Su |
| MUS 493 | Senior Recital-Music Performance Majors |  | F, Sp, Su |

EIGHT SEMESTERS of each of the following groups

|  |  |  |  |
| --- | --- | --- | --- |
| MUS 091 | Student Recital Series |  | F, Sp |
| MUS 161-163 | Large Ensembles | 0.5 | F, Sp |
| MUS 370-389 | Applied Music | 3 | F, Sp |

Cognates

FOUR CREDIT HOURS from

|  |  |  |  |
| --- | --- | --- | --- |
| MUS 164-166 | Chamber Ensembles | 1 |  |
| MUS 210 | Language Orientation I | 1 | F |
| MUS 211 | Language Orientation II | 1 | Sp |
| MUS 268 | Opera Workshop | 1 | F, Sp |
| MUS 366 | Accompanying | 1 | F, Sp |

Total Credit Hours: 75-77

COURSE DESCRIPTIONS

AFRICANA STUDIES

AFRI 162 - Non-Western Worlds (4)

Selected cultures and historical traditions in regions of contemporary and ancient Africa and its diaspora are studied. Students comment critically, in written and oral form, upon African experiences and ideas. Sections are titled: (1) Cape Verde and Western Africa and (2) African Social/Economic Development.

Offered: Fall, Spring.

AFRI 200 - Introduction to Africana Studies (4)

This is a transdisciplinary survey of key issues in the life and history of peoples of African descent and their interaction with other peoples and world cultures.

General Education Category: Social and Behavioral Sciences.

Offered: Fall, Spring, Summer (as needed).

AFRI 262 - Cultural Issues in Africana Studies (4)

A variable topics course in which students will take a critical and empowering look at various cultural topics (e.g. music, sport, and film) regarding people of African descent.

General Education Category: Connections

Prerequisite: Completion of FYS 100, FYW 100/FYW 100P/FYW 100H, and at least 45 credits.

ANTHROPOLOGY

ANTH 162 - Non-Western Worlds (4)

Selected cultures and historical traditions that arose outside the Western experience are studied. Sections are titled: African Worlds, Amazonia, Ancient Nile, Borneo, Caribbean "Others," The Maya, Past and Future, Middle East, The Middle East: Women and Men in Non-Western Cultures, Native Americans in the Northeast.

General Education Category: Core 3.

Offered: Fall, Spring, Summer.

ANTH 206 - Oral Traditions (4)

Various forms of spoken traditions are studied as cultural manifestations. These include myths, legends, folktales, parables, poetry, riddles, and games.

Offered: As needed.

ANTH 214 - Indigenous Cultures in the Amazonian Environment (4)

Students will explore the myth and reality of Amazonia, focusing on surviving native peoples, their perspectives on life, intimate knowledge of the rainforest environment and critical problems threatening their survival.

Offered: Alternate years.

ANTH 233 - Methods in Anthropology (4)

Students are introduced to multiple qualitative and quantitative methods for data collection and analysis, and instruction on spoken and written communication, with emphasis on ethnographic and observed data.

Prerequisite: Completion of at least three of the following courses: ANTH 101, ANTH 102, ANTH 103, ANTH 104.

Offered: Spring.

ANTH 235 - Bones and Stones: How Archaeologists Know (4)

Students learn about scientific and mathematical tools used to investigate archeological questions like, how old are these bones, how were those tools used, and what did ancient people eat?.

General Education Category: Advanced Quantitative/Scientific Reasoning (AQSR)

Prerequisite: Completion of any mathematics or natural science general education distribution.

Offered: Annually.

ANTH 237 - Measuring Inequality, Analyzing Injustice (4)

Students use a variety of anthropological methods to characterize the lived experiences of people. Students learn about these methods and how they can be analyzed to understand inequality and injustice.

General Education Category: Advanced Quantitative/Scientific Reasoning (AQSR)

Prerequisite: Completion of any general education MATH distribution course.

Offered: Annually.

ANTH 261 - The Complexities of Global Health (4)

Students examine contemporary global health policies and interventions, the methods used across disciplines in the field of global health and their distinct histories and impacts in communities around the world.

General Education Category: Connections.

Prerequisite: Completion of FYS 100, FYW 100/FYW 100P/FYW 100H, and at least 45 credits.

Offered: Fall, Spring.

ANTH 262 - Indigenous Rights and the Global Environment (4)

Using a cross-cultural and interdisciplinary approach, students will examine and comment critically on human rights and global environmental issues as they intersect and impact indigenous peoples across the world.

General Education Category: Connections

Prerequisite: Completion of FYS 100, FYW 100/FYW 100P/FYW 100H, and at least 45 credits.

Offered: Fall, Spring.

ANTH 265 - Anthropological Perspectives on Childhood (4)

Using comparative evolutionary, historical, and cross-cultural approaches, students examine patterns of pregnancy, childbirth and child-rearing, child development, the role of children, and how children become members of their society.

General Education Category: Connections.

Prerequisite: Completion of FYS 100, FYW 100/FYW 100P/FYW 100H, and at least 45 credits.

Offered: Fall, Spring.

ANTH 266 - Anthropological and Indigenous Perspectives on Place (4)

Using a comparative historical and cross-cultural approach, students examine various indigenous peoples' ideas about place, and through critical inquiry learn to develop and express their own "sense of place."

General Education Category: Connections.

Prerequisite: FYS 100, FYW 100/FYW 100P/FYW 100H, and at least 45 credits.

Offered: Fall, Spring.

ANTH 301 - Ethnobotany (4)

Ethnobotany focuses on intrinsic cultural knowledge of plants and their uses as foods, medicines, for tool-making and in ritual practice. Basic plant biology and enthnobotanical field methods are also discussed. Cannot get credit for ANTH 301 and ENST 301.

Prerequisite: ANTH 101, ANTH 102, ANTH 103, ANTH 104 or ENST 200.

Cross-Listed as: ENST 301.

Offered: Alternate years.

ANTH 304 - Human Paleontology (4)

Patterns in hominoid evolution, from primate beginnings to modern humans, are explored. Fossil records and artifacts are examined, with emphasis on anatomical and behavioral adaptations to changing environments.

Prerequisite: ANTH 103 or consent of department chair.

Offered: Alternate years.

ANTH 306 - Primate Ecology and Social Behavior (4)

Captive and field studies are examined to illustrate common features of nonhuman primates. Topics include biological and social adaptations, such as diet, communication, dominance hierarchies, social learning, and cognition.

General Education Category: Advanced Quantitative/Scientific Reasoning.

Prerequisite: Completion of any mathematics or natural science general education distribution.

Offered: Fall, Spring.

ANTH 307 - Human Nature: Evolution, Ecology, and Behavior (4)

The behavior and ecology of humans are explored within the framework of evolutionary theory, focusing on the selective pressures of cooperation, conflict, food, predators, disease, sociality, and reproduction.

General Education Category: Advanced Quantitative/Scientific Reasoning.

Prerequisite: Completion of any mathematics or natural science general education distribution.

Offered: Fall, Spring.

ANTH 309 - Medical Anthropology (4)

Anthropological approaches and results in the study of health and illness are surveyed as social, cultural, and biological phenomena.

Prerequisite: One of the following: ANTH 101, BIOL 112, HPE 233, HCA 201 or NURS 201, PSYC 230, or SOC 217; or consent of department chair.

Offered: Alternate years.

ANTH 310 - Language and Culture (4)

The interrelationships between language and other aspects of culture are examined as they illuminate anthropological issues and theories.

Prerequisite: Completion of at least 60 college credits and ANTH 104 or COMM 255, or consent of instructor.

Offered: Alternate years.

ANTH 311 - North American Archaeology (4)

North American history from the first peopling of the continent to modern times is examined, including migration patterns, subsistence, environmental and social change, technology and social life.

Prerequisite: ANTH 102 or consent of department chair.

Offered: Alternate years.

ANTH 312 - Archaeology of Mesopotamia and South Asia (4)

The archaeology of ancient Mesopotamia and South Asia is investigated. Topics include understanding the nature of civilizations; their emergence in these regions; and their culture, politics, economy and interaction with neighbors.

Prerequisite: ANTH 102 or consent of department chair.

Offered: Alternate years.

ANTH 314 - Archaeology: Selected Regions (4)

The archaeological evidence for the development of cultures is examined, including technology, subsistence, economy, social life, political organization, religion, art and architecture (may be repeated with a change in region).

Prerequisite: ANTH 102 or consent of department chair.

Offered: As needed.

ANTH 325 - Cultures and Environments in South American (4)

Selected indigenous societies living in South America are examined as they relate to anthropological concerns, including how their cultures reflect adaptation to physical environments as well as particular socio-cultural features.

Prerequisite: ANTH 101 or consent of department chair.

Offered: Alternate years.

ANTH 327 - Peoples and Cultures: Selected Regions (4)

An ethnographic and historical overview of a geographic region is examined, emphasizing the diversity of cultures and societies. Topics may include economic organization, domestic life, religion, migration, colonization or modernization (may be repeated with a change in region).

Prerequisite: ANTH 101 or consent of department chair.

Offered: As needed.

ANTH 329 - Queer And Trans Anthropology (4)

Exploring marginalized forms of gender or sexuality, such as trans or queer identity, along with race and class, reveal how difference is managed and regulated at global and local levels.

Prerequisite: Completion of at least 45 college credits and any General Education course in a social or behavioral science, or consent of department chair.

Offered: Alternate years.

ANTH 330 - Language Endangerment and Linguistic Revitalization (4)

Students examine the value of linguistic diversity on a global scale, its importance for humanity, the causes and extent of language endangerment and possible solutions through language maintenance and revitalization.

Prerequisite: ANTH 104 or consent of department chair.

Offered: Alternate years.

ANTH 332 - Applied Anthropology (4)

Students explore the history, evolution, methods, objectives, and applications of the practical involvement of anthropology in understanding and solving human problems.

Prerequisite: ANTH 101 or consent of department chair.

Offered: Alternate years.

ANTH 333 - Comparative Law and Justice (4)

Systems of law and justice are examined in prestate and state societies to understand the operation of law and justice in cross-cultural contexts and in the United States. Students cannot receive credit for both SOC 333 and ANTH 333.

Prerequisite: Any 100- or 200-level course in a social science.

Offered: Fall, Spring.

ANTH 334 - Steamships and Cyberspace: Technology, Culture, Society (4)

The invention and evolution of a range of technologies, such as railroads and cell phones, are explored using current anthropological concepts and case studies from various cultures and time periods.

Prerequisite: Completion of at least 60 college credits and any Gen. Ed. course in a social or behavioral science, or consent of department chair.

Offered: Alternate years.

ANTH 338 - Urban Anthropology (4)

Western and non-Western traditions in urbanization are compared and contrasted. Cross-cultural comparisons are emphasized.

Prerequisite: ANTH 101 or consent of department chair.

Offered: Alternate years.

ANTH 343 - Environmental Anthropology (4)

Students are introduced to the field of environmental anthropology, focusing broadly on the interrelationships between environmental change and human conflict, culture and nature, and science and environmental policy.

Prerequisite: Completion of at least 45 college credits and any General Education course in a social or behavioral science, or consent of department chair.

Offered: Alternate years.

ANTH 345 - Museums, Cultures, and Others (4)

Students learn about the history of museums and explore how they shape and reflect identities. Museum exhibits are analyzed from a variety of perspectives in order to understand their effectiveness.

Prerequisite: Completion of at least 60 college credits and any Gen. Ed. course in a social or behavioral science, or consent of department chair.

Offered: Alternate years.

ANTH 347 - Environmental Justice (4)

The development of social movements and politics at the intersections of society, environment and justice, is explored, focusing primarily on historic and contemporary cases of environmental justice struggle.

Prerequisite: Completion of at least 45 college credits and any General Education course in a social or behavioral science, or consent of department chair.

Offered: Alternate years.

ANTH 349 - Visual Anthropology (4)

Visual techniques for data collection, production and interpretation are explored within an anthropological framework. Students will learn how photography, film and other media can represent the self and other. Students cannot receive credit for both FILM 349 and ANTH 349.

Prerequisite: One of the following courses: ANTH 101, ANTH 102, ANTH 103, ANTH 104, FILM 219 or consent of instructor.

Offered: Alternate years.

BIOLOGY

BIOL 354 - Plant Growth and Development (4)

Topics include photophysiology, nitrogen metabolism, phytohormones, translocation, mineral nutrition, and the anatomical structures associated with these processes. Lecture and laboratory. 6 contact hours.

Prerequisite: BIOL 111 and BIOL 112, with a grade of C or better, or consent of instructor.

Offered: As needed.

BIOL 421 - Biochemistry of Energy Metabolism (3)

The physical and chemical properties of carbohydrates and lipids are presented. Students cannot receive credit for both BIOL 421 and CHEM 421. Lecture.

Prerequisite: Completed college mathematics competency, CHEM 206 and either BIOL 320 or CHEM 310.

Offered: As needed.

BIOL 429 - Medical Microbiology (4)

This is a study of medically important microorganisms, with emphasis on the molecular mechanisms of pathogenicity. 6 contact hours.

Prerequisite: BIOL 348; CHEM 205, CHEM 206.

Offered: As needed.

CHEMISTRY

CHEM 419 - Biochemistry Mechanisms (3)

Mechanistic approaches to metabolic processes are discussed, including but not limited to glycolysis, citric acid cycle, oxidative phosphorylation and photosynthesis. Lecture.

Prerequisite: CHEM 310 or consent of department chair.

Offered: Spring.

CHEM 420 - Biochemistry of Proteins and Nucleic Acids (3)

The physical and chemical properties and metabolism of proteins and nucleic acids are discussed. Lecture.

Prerequisite: CHEM 206 and either BIOL 320 or CHEM 310.

Offered: Fall, Spring (odd years).

CHEM 421 - Biochemistry of Energy Metabolism (3)

The physical and chemical properties of carbohydrates and lipids are presented. Students cannot receive credit for both CHEM 421 and BIOL 421. Lecture.

Prerequisite: CHEM 206 and either BIOL 320 or CHEM 310.

Offered: As needed.

CHEM 422 - Biochemistry Laboratory (3)

Topics include basic laboratory concepts, including notebook documentation, ethics, and data interpretation, as well as experiments involving DNA cloning, protein purification, spectroscopic analysis, and functional assays. Laboratory.

Prerequisite: CHEM 310 or consent of department chair.

Offered: Spring.

COMMUNICATION

COMM 162 - East Asian Popular Cinema (4)

East Asian culture, identity, gender, and communication patterns are explored through the examination of different genres in popular films and documentaries from Japan, Korea, Taiwan, Hong Kong, and China.

Offered: As needed.

COMM 201 - Writing for News (4)

The fundamentals of composition using the AP style guide are introduced. Topics include news values, basic reporting, public relations formats and techniques for achieving high-quality news and public relations writing. (Formerly COMM 302.)

Prerequisite: FYW 100 or FYW 100P or completion of the College Writing Requirement.

Offered: Fall, Spring.

COMM 208 - Public Speaking (4)

Students develop public-speaking skills through directed practice. Emphasis is on the selection and organization of material, the use of reasoning and evidence, speech construction, and methods of delivery.

Offered: Fall, Spring.

CURRICULUM

CURR 130 - Work Experience Seminar (1)

Provides a framework through which youth service providers integrate course theory and work experiences with youth.

Prerequisite: Concurrent enrollment in PSYC 230, SWRK 324 and SWRK 326.

Offered: Fall, Spring, Summer.

CURR 347 - Service Learning in Educational Contexts (1)

Students engage in fifteen hours of service in a pre-K-12 educational setting and collaboratively examine the pedagogy and best practices of service learning.

Prerequisite: FNED 246 or consent of department chair.

Offered: Fall, Spring.

CURR 410 - Teaching World Languages in Elementary Education (4)

Major theories of children’s language development are examined. Students learn and practice foreign language teaching strategies, and observe and teach several classes in a field-based elementary school setting.

Prerequisite: Admission to program or consent of department chair.

Offered: Spring as needed.

HEALTH SCIENCES

HSCI 102 - Food Plant Sanitation (3)

Relation of food plant sanitation to good manufacturing practices and regulations affecting sanitation are examined.

Offered: Spring.

HSCI 105 - Medical Terminology (2)

This course will provide students with a basic medical terminology vocabulary for use in the health care setting.

Offered: Fall, Spring.

HSCI 232 - Human Genetics (4)

Human genetics and biotechnology are presented in the context of health care and public health policy. These topics are explored using problem-based learning and case studies.

General Education Category: Advanced Quantitative/Scientific Reasoning.

Prerequisite: BIOL 100, BIOL 108, or BIOL 111.

Offered: Fall.

HONORS

\*HONR 100 - First Year Seminar (4)

Students choose from a variety of topics rooted in various disciplines. Each section is discussion-based, focused on developing critical thinking, oral communication, research fluency, and written communication

General Education Category: First Year Seminar.

Prerequisite: Acceptance into the Gen. Ed. Honors Program or consent of director of honors.

Offered: Fall, Spring.

HONR 264 - Seminar in Cross-cultural and Interdisciplinary Issues (4)

Topics of cross-cultural and interdisciplinary interest are studied emphasizing comparative perspectives and the use of primary texts.

General Education Category: Connections.

Prerequisite: Completion of FYS, FYW, and at least 45 credits. Admission to Gen. Ed. Honors or consent of program director.

Offered: Spring.

LABOR STUDIES (ALL COURSES and the whole category being deleted)

MUSIC

MUS 161-163 - Large Ensembles (0.5)

These courses are open to all qualified students by audition. 161 Chorus, 162 Wind Ensemble, 163 Orchestra. 4 contact hours.

Offered: Fall, Spring.

MUS 164-166 - Chamber Ensembles (1)

These courses are open to all qualified students by audition. Since balanced groups are necessary, selection of participants is made by the instructor. 164 Chamber Music Ensemble (instrumental and vocal chamber music, including duos, trios, and quartets), 165 Jazz Ensemble, 166 Chamber Singers. 4 contact hours.

Offered: Fall, Spring.

MUS 167 - Music Cultures of Non-Western Worlds (4)

Selected music cultures of the non-Western world are introduced and critical studies are made of the cultural and social contexts of music.

General Education Category: Arts - Visual and Performing

Offered: Fall, Spring.

MUS 168 - Jazz Combo (1)

This is an applied practice of theoretical concepts from jazz theory for student small jazz ensembles. 2 contact hours.

Offered: Fall, Spring.

PHILOSOPHY

PHIL 200 - Introduction to Philosophy (3)

Basic philosophic issues, such as the existence of God, free will, minds, the nature of reality, knowledge, and truth, are examined. Emphasis is on reasoning and justification.

Offered: Fall, Spring, Summer.

PHIL 201 - Introduction to Eastern Philosophy (3)

Theories of reality, knowledge, and the meaning of human existence in Eastern philosophical traditions are investigated. Included are the metaphysical speculations of the Indian schools and the ethical theories of East Asian schools.

Offered: Fall, Spring, Summer.

YOUTH DEVELOPMENT

YDEV 352 - Seminar in Youth Development (3)

This foundational seminar in the youth development program provides a framework to integrate the multidisciplinary approaches of education, social work, and nonprofit studies. (Formerly FNED 352).

Prerequisite: FNED 246, SWRK 240, and concurrent enrollment in YDEV 353.

Offered: Fall.

YDEV 353 - Field Experience in Youth Development (1)

Students will complete 15-30 hours of fieldwork within an organization that serves children and/or youth.  Fieldwork includes observations, interviews, and a small project. 2 contact hours.

Prerequisite: FNED 246, SWRK 240, and concurrent enrollment in YDEV 352.

Offered: Fall.

YDEV 412 - Advanced Issues in Youth Development (3)

Students will synthesize skills, knowledge, and competencies necessary for success in youth development work.

Prerequisite: YDEV 352, YDEV 353, and concurrent enrollment in YDEV 413.

Offered: Spring.