|  |  |  |  |
| --- | --- | --- | --- |
| 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 |

Literature (L)

ONE COURSE from

|  |  |  |  |
| --- | --- | --- | --- |
| 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 |

Mathematics (M)

ONE COURSE from

|  |  |  |  |
| --- | --- | --- | --- |
| MATH 139 | Contemporary Topics in Mathematics | 4 | F, Sp, Su |
| MATH 177 | Quantitative Business Analysis I | 4 | F, Sp, Su |
| MATH 209 | Precalculus Mathematics | 4 | F, Sp, Su |
| MATH 212 | Calculus I | 4 | F, Sp, Su |
| MATH 240 | Statistical Methods I | 4 | F, Sp, Su |

Note: Completion of the Mathematics category of General Education does not satisfy the College Mathematics Competency. In addition, students in the elementary education curriculum who complete MATH 144 (and its prerequisite, MATH 143) shall be considered to have fulfilled the Mathematics category of General Education.

Natural Science (NS)

ONE COURSE from

|  |  |  |  |
| --- | --- | --- | --- |
| BIOL 100 | Fundamental Concepts of Biology | 4 | F, Sp, Su |
| BIOL 108 | Basic Principles of Biology | 4 | F, Sp, Su |
| BIOL 111 | Introductory Biology I | 4 | F, Sp, Su |
| BIOL 112 | Introductory Biology II | 4 | F, Sp, Su |
| CHEM 103 | General Chemistry I | 4 | F, Sp, Su |
| CHEM 105 | General, Organic and Biological Chemistry I | 4 | F, Sp, Su |
| PSCI 103 | Physical Science | 4 | F, Sp, Su |
| PSCI 211 | Introduction to Astronomy | 4 | F, Sp |
| PSCI 212 | Introduction to Geology | 4 | F, Su |
| PSCI 217 | Introduction to Oceanography | 4 | Sp |
| PHYS 101 | General Physics I | 4 | F, Su |
| PHYS 110 | Introductory Physics | 4 | Sp, F, Su |
| PHYS 200 | Mechanics | 4 | F |

Social and Behavioral Sciences (SB)

ONE COURSE from

|  |  |  |  |
| --- | --- | --- | --- |
| AFRI 200 | Introduction to Africana Studies | 4 | F, Sp, Su (as needed) |
| ANTH 101 | Introduction to Cultural Anthropology | 4 | F, Sp |
| ANTH 102 | Introduction to Archaeology | 4 | F, Sp |
| ANTH 104 | Introduction to Anthropological Linguistics | 4 | F |
| COMM 240 | Mass Media and Society | 4 | F, Sp, Su |
| ECON 200 | Introduction to Economics | 4 | F, Sp, Su |
| GEND 200 | Gender and Society | 4 | F, Sp |
| GEOG 100 | Introduction to Environmental Geography | 4 | F, Sp, Su |
| GEOG 101 | Introduction to Geography | 4 | F, Sp, Su |
| GEOG 200 | World Regional Geography | 4 | F, Sp |
| GEOG 206 | Disaster Management | 4 | F, Sp |
| POL 201 | Development of American Democracy | 4 | F, Sp, Su |
| POL 202 | American Government | 4 | F, Sp, Su |
| POL 203 | Global Politics | 4 | F, Sp |
| POL 204 | Introduction to Political Thought | 4 | F, Sp |
| PSYC 110 | Introduction to Psychology | 4 | F, Sp, Su |
| PSYC 215 | Social Psychology | 4 | F, Sp, Su |
| SOC 200 | Society and Social Behavior | 4 | F, Sp |
| SOC 202 | The Family | 4 | F, Sp, Su |
| SOC 204 | Urban Sociology | 4 | As needed |
| SOC 207 | Crime and Criminal Justice | 4 | F, Sp, Su |
| SOC 208 | The Sociology of Race and Ethnicity | 4 | F, Sp, Su |
| SOC 217 | Aging and Society | 4 | F, Sp, Su |

Writing in the Discipline

Building on the core course, FYW 100 (p. 259)/FYW 100P (p. 259)/FYW 100H, each discipline has identified a required course or courses within the major in which students learn to write for that discipline. Completion of the major/program fulfills the Writing in the Discipline requirement.

Accounting (p. 390)

Anthropology (p. 364)

Art (p. 364) (Studio - Ceramics, Graphic Design, Metalsmithing and Jewelry, Painting, Photography, Printmaking, Sculpture)

Art Education (p. 365)

Art History (p. 365)

Biology (p. 366)

Business (p. 394) (Management)

Chemical Dependency/Addiction Studies (p. 366)

Chemistry (p. 367)

Communication (p. 368) (Mass Media Communications; Public and Professional Communication; Public Relations; Speech, Language, and Hearing Science)

Computer Information Systems (p. 390)

Computer Science (p. 369)

Early Childhood Education (p. 388)

Economics (p. 391)

Elementary Education (p. 388)

English (p. 371)

English/Creative Writing  (p. 370)

Film Studies (p. 372)

Finance (p. 391)

Gender and Women's Studies (p. 373)

BIOL 112 - Introductory Biology II (4)

Emphasis is on organismal and ecological levels of organization. This course is intended for science majors and any student with an interest in science. Lecture and laboratory (dissection included). 6 contact hours.

General Education Category: Natural Science.

Prerequisite: BIOL 111 with a minimum grade of C-.

Offered: Fall, Spring, Summer.

BIOL 213 - Introductory Physiology of Plants and Animals (4)

Physiologic mechanisms of multicellular organisms are introduced. Emphasis is on evolutionary adaptations of flowering plants and vertebrates. 6 contact hours.

Prerequisite: BIOL 111 and BIOL 112.

Offered: Spring.

BIOL 221 - Genetics (4)

A balanced treatment of classical Mendelian concepts, population topics, and the recent advances in molecular genetics are presented. Lecture and laboratory. 6 contact hours.

General Education Category: Advanced Quantitative/Scientific Reasoning.

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

Offered: Fall.

BIOL 231 - Human Anatomy (4)

By using a systematic approach, study is made of the human organism with respect to the histological and gross anatomy. Lecture and laboratory (dissection included). 6 contact hours.

Prerequisite: BIOL 111 and BIOL 112, with a grade of C or better, or BIOL 108, with a grade of C or better.

Offered: Fall, Spring, Summer.

BIOL 240 - Biostatistics (4)

Elementary probability theory serves as a foundation to learn research design, sampling, hypothesis testing, and statistical inferences in biology. Students use SPSS to statistically analyze problems typical of biological research.

Prerequisite: Completion of college mathematics competency and a grade of C or better in BIOL 100, BIOL 108 or BIOL 112.

Offered: Spring.

BIOL 241 - Biology Research Colloquium (0.5)

Students attend formal scientific research seminars given by invited outside speakers from diverse fields of biology. Students discuss the research with the speaker and their peers. This course must be taken for two semesters. Graded S, U.

Prerequisite: BIOL 111 and BIOL 112, with a grade of C or better, or BIOL 108, with a grade of C or better.

Offered: Fall, Spring.

BIOL 261 - The World's Forests (4)

Interactions between people and the three major types of forests of the world (boreal, temperate, and tropical) are explored from historical, ecological, cultural, socioeconomic, environmental, and ethical perspectives.

General Education Category: Connections.

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

Offered: Fall (even years).

BIOL 300 - Developmental Biology of Animals (4)

A descriptive and experimental approach is applied to animal ontogeny, with consideration of cell fate determination, differentiation, morphogenesis, and pattern formation. Lecture and laboratory. 6 contact hours.

Prerequisite: BIOL 111, BIOL 112, with a grade of C or better, BIOL 221, and completion or concurrent enrollment in BIOL 320.

Offered: Spring.

BIOL 318 - Ecology (4)

The ecosystem is introduced. Emphasis is on how the interaction of environmental factors has shaped, influenced, and controlled the distribution of biomes, communities, and populations. Lecture, laboratory, and field trips. 6 contact hours.

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

Offered: Fall.

BIOL 320 - Cell and Molecular Biology (4)

The structure and function of cells as living units are presented. Cell metabolism, reproduction, and steady-state controls are discussed. The biochemical and ultrastructural nature of cells is examined. Lecture and laboratory. 6 contact hours.

Prerequisite: BIOL 111, BIOL 112, with a grade of C or better, BIOL 221; CHEM 205.

Offered: Spring.

BIOL 321 - Invertebrate Zoology (4)

Study is made of common invertebrate types, their life histories, adaptive morphology, and physiology, with respect to their environment and to their phylogenetic position. Lecture and laboratory.

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

Offered: As needed.

BIOL 324 - Vertebrate Zoology (4)

The origin, evolution, life history, and adaptation of the subphylum vertebrata are studied. Local fauna is stressed in the laboratory. Lecture and laboratory. 6 contact hours.

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

Offered: As needed.

BIOL 329 - Comparative Vertebrate Anatomy (4)

Comparison of the anatomy and functions of the vertebrates from the evolutionary point of view is presented. Included is detailed dissection of selected representatives from five classes of vertebrates. Lecture and laboratory. 6 contact hours.

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

Offered: As needed.

BIOL 335 - Human Physiology (4)

Basic principles of physiology are introduced, with emphasis on homeostatic mechanisms. Attention is given to the functions of organ systems and coordination in the whole human organism. 6 contact hours.

General Education Category: Gen. Ed. Advanced Quantitative/Scientific Reasoning.