

BESC—BEHAVIORAL SCIENCE

BESC 1000

Behavioral Science Forum

2:2:0

F, Sp

For students interested in exploring a Behavioral Science major. Offers an overview of curriculum, major requirements, faculty and their specialties, study and writing helps and guidelines, campus resources and career possibilities. Utilizes lectures, guest speakers, field trips, and application-oriented activities.

BESC 3000

Behavioral Science Models

3:3:0

Not 07-08

• Prerequisite(s): ANTH 1010 and PSY 1010 and SOC 1010 and (ENGL 2010 or ENGL 2020)

Required class for Behavioral Science Honors students and Integrated Studies students seeking an emphasis in Behavioral Science. Meets one of the Allied Credit Requirements for all other Behavioral Science Students. Integrates Anthropology, Psychology, and Sociology. Emphasizes theories and research methods. Examines professional and ethical issues in each of these disciplines.

BESC 3100

Career Preparation for Behavioral Science Majors

2:2:0

F, Sp

• Prerequisite(s): (ANTH 1010 or PSY 1010 or SOC 1010 or SW 1010) and (ENGL 2010 or ENGL 2020)

Emphasizes the development of skills necessary to successfully apply for employment and/or graduate school. Includes resume writing, cover letters and basic interview skills. Also includes the preparation of acceptable application packages, and learning how to network with school and community resources to find employment and/or graduate school opportunities.

BIOL—BIOLOGY

BIOL 1010**

BB

General Biology[†]

3:3:0

Su, F, Sp; DE

• Prerequisite(s): ACT, or equivalent, reading score of 19 or higher, or any college-level reading or English course with a C- or better

Introduces major themes and concepts of biology including cell and molecular biology, genetics, diversity, evolution, and ecology. Provides students with necessary information and skills to critically evaluate what they hear, read, and see in the living world; communicate clearly; and apply methods to interpret data for making informed decisions concerning the role of biology in a world of which they are a part.

BIOL 1015

General Biology Laboratory

1:0:2

Su, F, Sp

A general laboratory experience covering introductory topics in general biology. Designed to complement the student's experience in the General Biology 1010 course with emphasis on the application of the scientific method. Includes actual student experiences with living organisms, use of the microscope, field excursions and an introduction to techniques used in the study of life.

BIOL 101H

BB

General Biology[†]

3:3:0

F, Sp

• Prerequisite(s): ACT, or equivalent, reading score of 19 or higher, or any college-level reading or English course with a C- or better
• Corequisite(s): BIOL 1015

Encourages students to understand and link concepts related to metabolism, photosynthesis, evolution, ecology, patterns of inheritance and genetics, human disease, physiology and organ systems, biological diversity, and environmental issues. Writing is emphasized in the course, including a term paper on a relevant and timely biological topic, as well as essay examinations.

BIOL 1070

BB

Heredity

3:3:0

F, Sp

• Prerequisite(s): None, BIOL 1010 and an assessment DRP score of at least 77 are strongly recommended

Introduces genetics for non-majors. Addresses patterns of inheritance from generation to generation (with an emphasis on human heredity), DNA structure and function as well as other aspects of molecular genetics.

BIOL 1200 (Cross-listed with: GEO 1020)

BB

Prehistoric Life

3:3:0

Sp

• Prerequisite(s): BIOL 1010 or GEO 1010 recommended

Studies prehistoric life. Uses the concepts of biology and physical science. Studies major groups of ancient animals and plants as found in the rock record. Includes aspects and fundamental concepts of biology, ecology, and geology.

BIOL 1500 (Cross-listed with: ANTH 1020)

BB

Biological Anthropology

3:3:0

F

• Prerequisite(s): ENGL 1010 and (ANTH 1010 or BIOL 1010)

For students with special interests in Anthropology or the Life Sciences. Studies fossils and living primates, primate biology and behavior. Surveys humanoid fossils. Investigates human evolution and variations of basic biology as it pertains to human development. Stresses the importance of the distribution and diversity of humankind.

BIOL 1610

BB

College Biology I

4:4:0

F, Sp

• Prerequisite(s): An assessment DRP score of at least 85
• Corequisite(s): BIOL 1615

Designed to give biology majors a broad exposure to many aspects of the life sciences. Covers topics of biochemistry, energetics, cell structure and function, genetics, and evolution.

BIOL 1615

College Biology I Laboratory

1:0:2

F, Sp

• Corequisite(s): BIOL 1610

Laboratory course to accompany BIOL 1610. Topics covered include scientific method, biomolecules, cell structure and function, cellular reproduction, Mendelian and molecular genetics, DNA technology, and evolution.

BIOL 1620

College Biology II

3:3:0

F, Su, Sp

• Prerequisite(s): BIOL 1610
• Corequisite(s): BIOL 1625

Provides the second semester material in the two semester introductory course designed for biology majors. Covers origin and early evolution of life, plant structure and function, plant diversity, animal structure and function, animal diversity, and animal behavior.

BIOL 1625

College Biology II Laboratory

1:0:2

Su, F, Sp

• Corequisite(s): BIOL 1620

Laboratory course to accompany BIOL 1620. Topics covered include animal biology and diversity and plant biology and diversity.

BIOL 202R (Cross-listed with: GEO 202R)

Science Excursion

1:0:2

Su, F, Sp

For students interested in the natural world. Explores a wide variety of topics in science, including geology, botany, astronomy, zoology, ecology, and archeology. Consists of a minimum of a four-day field trip. Participants should gain an increased understanding of several fields of scientific study. May be repeated as many times as desired for interest.

BIOL 204R (Cross-listed with: GEO 204R)

Natural History Excursion

3:1:6

Su, F, Sp

For students interested in the natural world. Promotes an in-depth look at a wide variety of topics in science, including geology, botany, astronomy, zoology, ecology, and archeology. Consists of 15 hours of lecture plus an appropriate field trip. Participants should gain an interdisciplinary understanding of science and nature. May be repeated for up to six credits toward graduation.

BCCM

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BIOL