



## COURSE DESCRIPTIONS

**ANTH 1001 Human Origins—3 hrs.** Introduction to physical and prehistoric development of humankind, including primate and human evolution, modern races and the archaeological cultures of the world.

**BIOL 1012 Life: The Natural World—3 hrs.** Examines living organisms with an emphasis on how the natural world functions as a system and how plants and animals, including humans, interact.

- Declared biology majors cannot receive either university or elective credit for this course.
- Prerequisite(s): student must have satisfied university entrance requirements in English and Mathematics.

**BIOL 1013 Life: The Natural World – Lab—1 hr.** Activities illustrating the importance, origins and maintenance of biodiversity with a focus on the interactions among organisms and between organisms and the environment.

- Prerequisite(s) or corequisite(s): BIOL 1012 Life: The Natural World

**BIOL 1014 Life: Continuity and Change—3 hrs.** Introduction to contemporary topics in biology. Emphasis on study of gene structure and function and applications of biology to human concerns.

- Declared biology majors cannot receive either university or elective credit for this course.
- Prerequisite(s): student must have satisfied university entrance requirements in English and Mathematics.

**BIOL 1015 Life: Continuity and Change – Lab—1 hr.** Process of science and application of biology to human concerns stressed through student activities involving basic life science concepts encompassing cell structure and function, human genetics, and disease transmission. Emphasis on assisting students in understanding role of biology in our present society.

- Lab, 2 periods.
- Declared biology majors cannot receive either university or elective credit for this course.
- Prerequisite(s): student must have satisfied university entrance requirements in English and Mathematics.
- Prerequisite(s) or corequisite(s): BIOL 1014 Life: Continuity and Change or equivalent.

**BIOL 1033 Principles of Microbiology—3 hrs.** Basic concepts and practical applications of microbiology in medicine, immunology, sanitation, and food preparation in daily life.

- Designed for students majoring in areas other than the sciences.
- For biology majors and minors counts only for university elective credit.
- Sections may be offered exclusively for nurses in training.
- Discussion 2 periods, lab, 2 periods.

**BIOL 2051 General Biology: Organismal Diversity—4 hrs.** Study of organismic biology emphasizing evolutionary patterns and diversity of organisms and interdependency of structure and function in living systems.

- Discussion, 3 periods; lab, 2 periods.

**BIOL 2052 General Biology: Cell Structure and Function—4 hrs.** Introduction to the properties and functions of biological molecules, organization of living cells, production and utilization of energy, and development of multicellular organisms.

- Discussion, 3 periods; lab, 2 periods.

**BIOL 3101 Anatomy and Physiology I—4 hrs.** Structure and function of organ systems of human body.

- For students in allied health fields or other university-approved programs.
- Others must have consent of department head.
- For Biology majors and minors, counts only for university elective credit.
- Prerequisite(s): BIOL 2051 General Biology: Organismal Diversity; BIOL 2052 General Biology: Cell Structure and Function; CHEM 1110 General Chemistry I and CHEM 1120 General Chemistry II, or CHEM 1130 General Chemistry I-II, or consent of department head.

**SCI ED 1200 Inquiry into Life Science—4 hrs.** Inquiry-oriented introduction to fundamental concepts and processes in life science that includes ecology, evolution, cell biology and human body systems.

- Integrated lecture/lab for five periods.
- For Elementary Education and Early Childhood Education majors only.
- Prerequisite(s): student must have satisfied university entrance requirements in English and Mathematics.

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