

ADVISING NOTES

For all courses listed under Life Sciences, with the exception of **ANTH 1001 Human Origins**, students must have satisfied the minimum UNI entrance requirements in English and Mathematics.

Students are required to take a course with a scheduled laboratory from either LAC Category 4A: Life Sciences or 4B: Physical Sciences. Only 6 hours are required for students who meet the LAC laboratory requirement with a course other than the one listed in Life or Physical Sciences.

Any natural science laboratory course will satisfy the LAC lab requirement.

The following major and/or minor courses may substitute for the Life Sciences requirement:

BIOL 1033* Principles of Microbiology (3)

BIOL 2051* General Biology: Organismal Diversity (4)

BIOL 2052* General Biology: Cell Structure and Function (4)

BIOL 3101* Anatomy and Physiology I (4)

SCI ED 1200* Inquiry into Life Science (4)

All LAC related student requests should be sent directly to the Provost's Office.

REQUIREMENT: 3 OR 4 CREDIT HOURS

ANTH 1001	Human Origins	3 Hours
BIOL 1012	Life: The Natural World	3 Hours
BIOL 1013*	Life: The Natural World—Lab	1 Hour
BIOL 1014	Life: Continuity and Change	3 Hours
BIOL 1015*	Life: Continuity and Change—Lab	1 Hour

*Lab Course

IT TAKES MORE THAN A MAJOR

An understanding of science and technology and how these subjects are used in real-world settings figures among the TOP 5 abilities employers are looking for in new college graduates.

Employers believe that college graduates need **hands-on experience with the methods of science** to succeed in the workplace.

Source: Hart Research Association, *It Takes More than a Major: Employer Priorities for College Learning and Student Success*, (Washington D.C.: Association of American Colleges and Universities, 2013).

AS A RESULT OF THIS CATEGORY STUDENTS WILL ...

Know the processes and dynamic nature of science.

Apply scientific reasoning skills to investigate natural phenomena.

Be able to articulate why science is important.

COURSE DESCRIPTIONS

ANTH 1001 Human Origins—3 hrs. Introduction to physical anthropology and archeology with emphases on evolutionary theory, variation and adaption, primatology, paleoanthropology, animal and plant domestication, and the rise to early civilization.

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.

- 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 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.