BIOLOGY
An internationally respected faculty, state-of-the-art lecture and seminar facilities, superior research laboratories, a university mission to support the biosciences and biotechnology, and links with the regional medical center and its facilities make the biology program at UTSA one of the most exciting in the country.
CAREERS

An undergraduate degree in biology at UTSA prepares students to work in academic institutions, industry and government, and to conduct both basic and applied research. An undergraduate degree in biology is also excellent preparation for medical, dental and other health professional schools.

REQUIREMENTS

The minimum number of semester credit hours required for the Bachelor of Science in Biology degree, including the core curriculum requirements, is 126. Thirty-nine of the total semester credit hours required for the degree must be at the upper-division level. All major and support work courses must be completed with a grade of C or better. Students seeking teacher certification should contact the Teacher Advising and Certification Center in the College of Education and Human Development for information. Undergraduates seeking elementary teacher certification must complete the interdisciplinary studies degree.

All candidates for this degree must fulfill the core curriculum requirements and the degree requirements, which are listed below.

A. 51 semester credit hours in the major, 32 of which must be at the upper-division level

1. 26 semester credit hours in biology are required
   - BIO 1113  Biology I
   - BIO 1122  Laboratory Investigations in Biology
   - BIO 1123  Biology II
   - BIO 1143  Biology III
   - BIO 2313, 2322  Genetics and Laboratory
   - BIO 3513, 3522  Biochemistry and Laboratory
   - BIO 3813, 3822  Cellular Biology and Laboratory

2. 10 semester credit hours of upper-division biology electives; two of the following must be completed:
   - BIO 3283, 3292  Principles of Ecology and Laboratory
   - BIO 3413, 3422  General Physiology and Laboratory
   - BIO 3433, 3442  Neurobiology and Laboratory
   - BIO 3713, 3722  Microbiology and Laboratory
   - BIO 4143, 4152  Developmental Biology and Laboratory

3. 15 additional semester credit hours of biology electives, 12 of which must be at the upper-division level

B. 25 to 26 semester credit hours of support work

1. 14 semester credit hours are required in chemistry
   - CHE 1103  General Chemistry I
   - CHE 1113  General Chemistry II
   - CHE 1132  General Chemistry II Laboratory
   - CHE 2604, 2612  Organic Chemistry I and Laboratory
2. A minimum of 3 semester credit hours of mathematics selected from the following:
   - MAT 1214  Calculus I
   - STA 1993  Statistical Methods for the Life and the Social Sciences
3. 8 semester credit hours of physics
   - PHY 1603, 1611  Algebra-based Physics I and Laboratory
   - PHY 1623, 1631  Algebra-based Physics II and Laboratory

C. 17 semester credit hours of free electives, some of which need to be upper-division to meet university requirements of 39 hours of upper-division coursework.

Information gathered from the 2006–2008 undergraduate catalog.
http://www.utsa.edu/ucat/chapter7/