



COLLEGE OF LETTERS AND SCIENCES

ASSOCIATE OF SCIENCE IN HUMAN BIOLOGY

Take the First Step Toward an Advanced Degree in Health Science

The Associate of Science in Human Biology (AS-HB) degree is an excellent stepping stone toward furthering your education and professional studies that leads to a career in nursing or other health science-related fields. You will gain an in-depth understanding of the human biology, from the anatomy to the psychology and sociology of humans.

Upon completion of the program, you will be well prepared to enter into a health science-related bachelor's degree program.

Program Highlights:

- Discuss the social, physiological, and psychological aspects of human behavior at a basic level
- Discuss the complexities of human biology on the continuum from the level of organism to the level of organized social being
- Use computer technologies to augment productivity, apply statistical procedures, and to gain access to multiple informational resource services
- Communicate effectively with others using oral, visual, and written methods

**LEARN
MORE
TODAY**

WSCUC Accredited



**NATIONAL
UNIVERSITY**

MAJOR IN HUMAN BIOLOGY

Program Lead: Ana Maria Barral; (714) 429-5148; abarral@nu.edu

The Associate of Science in Human Biology (AS-HB) degree is designed to give students a solid foundation for continuing intellectual growth and further professional studies leading to a career in nursing or other health science-related fields.

Students planning to transition into a bachelor's degree or other health related field should check that program requirements prior to completing the AS-HB.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Discuss the social, physiological, and psychological aspects of human behavior at a basic level.
- Discuss the complexities of human biology on the continuum from the level of organism to the level of organized social being.
- Use computer technologies to augment productivity, apply statistical procedures and to gain access to multiple informational resource services.
- Communicate effectively with others using oral, visual, and written methods.

Degree Requirements

To receive the A.S. HB degree, students must complete at least 90 quarter units, 31.5 of which must be taken in residence at National University. Of the 90 units required, 42 must fall into the areas of general education listed below. Students must complete 4.5 quarter units in diversity enriched coursework. A plus (+) indicates a diversity enriched offering. All undergraduate students working toward the Associate of Science in Human Biology must meet the University diversity requirement. The other 48 units can be comprised of elective courses and/or specific major program preparatory courses. All students receiving an undergraduate degree in Nevada are required by State Law to complete a course in Nevada Constitution.

Students are urged to meet English requirements as early as possible in their college studies to avoid serious difficulties in other coursework. Refer to the section on undergraduate admission procedures for specific information regarding application and placement evaluation.

Prerequisites for the Major

(8 courses; 30 quarter units)

- ENG 100* Effective College English I (3 quarter units)
ENG 101* Effective College English II (3 quarter units)
Prerequisite: ENG 100
- COM 103* Public Speaking
ILR 260* Information Literacy
Prerequisite: ENG 100, and ENG 101
- CHE 101* Introductory Chemistry
Recommended Preparation: MTH 204, or MTH 215, or MTH216A, and MTH 216B
- CHE 101A* Introductory Chemistry Lab (1.5 quarter units)
Prerequisite: CHE 101, or CHE 141 for science majors
- HIS 375# Nevada History, Gov't and Cons
Prerequisite: ENG 100, ENG 101
- MTH 204* Mathematics for Science
Prerequisite: MTH 12A, and MTH 12B, or Accuplacer test placement
- or
- MTH 215* College Algebra & Trigonometry
Prerequisite: Accuplacer test placement evaluation, or MTH 12A, and MTH 12B

* May be used to meet a General Education requirement.

Required for Nevada students only.

Requirements for the Major

(9 courses; 31.5 quarter units)

It is strongly recommended that students complete the BIO 201 - 203A series in numerical sequence: BIO 201 + 201A, 202 + 202A, 203 + 203A.

- PSY 100 Introduction to Psychology
SOC 100 Principles of Sociology
Prerequisite: ENG 100, and ENG 101
- BIO 201 Human Anatomy & Physiol I
Corequisite: BIO 201A, Prerequisite: BIO 100, BIO 100A, CHE 101, CHE 101A

- BIO 201A Human Anatomy & Physiol Lab I (1.5 quarter units)
Corequisite: BIO 201 Prerequisite: BIO 100, BIO 100A, 101, CHE 101A or equivalent courses.
- BIO 202 Human Anatomy & Physiol II
Corequisite: BIO 201, and BIO 201A
- BIO 202A Human Anatomy & Physiol Lab II (1.5 quarter units)
Corequisite: BIO 202 Prerequisite: BIO 201, BIO 201A
- BIO 203 Introductory Microbiology
Corequisite: BIO 203A, Prerequisite: BIO 100, and BIO 100A, CHE 101, and CHE 101A or equivalent courses,
Recommended: Prior completion of: BIO 201, and BIO 201A, BIO 202, and BIO 202A
- BIO 203A Introductory Microbiology Lab (1.5 quarter units)
Corequisite: BIO 203
Prerequisite: BIO 100, BIO 100A, CHE 101, CHE 101A
Recommended: Prior completion of: BIO 201, and BIO 201A, BIO 202, and BIO 202A
- BST 322 Intro to Biomedical Statistics