

# HUMAN BIOLOGY

This major is designed for students seeking a focused course of study in human anatomy, physiology, metabolism, and/or evolution. Various emphases are available for the BS and BA degrees, including: Physiology, Biomedical Sciences, Health and Disease, Human Evolutionary Biology, and Human Performance.

## BACHELOR OF ARTS (BA) GENERAL OVERVIEW

Seven required courses:

- Nutrition for Life
- Human Anatomy
- Choose either **General Biology: Organismal Biology and Evolution** or **The Human Animal**
- **General Biology: Cell Biology and Physiology**
- **Pre-Calculus** or **Calculus**
- Two Additional Elective Courses

Four courses in one of the following tracks:

- **Human Physiology and Metabolism**
- **Human Evolutionary Biology**
- **Human Performance**

## BACHELOR OF SCIENCE (BS) GENERAL OVERVIEW

Ten required courses:

- **General Biology: Organismal Biology and Evolution**
- **General Biology: Cell Biology and Physiology**
- **General Chemistry A and B**
- **Pre-Calculus** or **Calculus**
- **Physics for the Life Sciences A**
- Four Additional Elective Courses

Five courses in one of the following tracks:

- **Applied Physiology**
- **Biomedical Science**
- **Health and Disease**
- **Human Evolutionary Biology**

## ACADEMIC OPPORTUNITIES

**USC Human Biology Association:** This academic society seeks to provide students with opportunities to receive professional advice and guidance from alumni, professors, and faculty that can't be gained in class.

**Freshman Science Honors Program:** FSH allows exceptional freshmen to study in an enriched first-year biology and chemistry sequence, featuring smaller classes and access to lectures, tours, and field trips.

**Supplemental Instruction:** This academic support program provides regularly scheduled, peer-led study sessions for common Biology, Chemistry, Math, and Physics courses.

**Human Biology Honors Program:** This program offers students an opportunity to participate in undergraduate research, gain experience in writing an honors thesis, and participate in an honors seminar. Successful completion of this program leads to the transcript notation: Human Biology with Honors.

**Specialty Laboratory Equipment:** Many classes employ the use of specialized equipment in their curricula as a means of teaching students the deep intricacies of the human body, such as the Anatomage Table (a digital operating table with highly detailed 3D visualizations of the body) or metabolic carts (systems that analyze and measure an individual's specific oxygen consumption, carbon dioxide production, and everything in between).