The Physiology Department has offered undergraduate education for over 25 years. Our faculty are highly experienced, and many have been nominated by students for teaching awards. Our faculty offer extensive undergraduate research and leadership opportunities for our students each semester.

Physiology is an internationally recognized field of study, and our faculty are engaged in cutting-edge research. Your degree will be recognized as a valuable preparation for future studies and open a wide range of exciting careers.

In partnership with UA Study Abroad, our students can access two Physiology & Medical Sciences Global Tracks, located in London and Sydney. Students can study abroad for up to two semesters while staying on track with their four-year plan.

Our students have ample space to add minors and explore diverse interests. Graduates have a highly desirable and diverse set of interdisciplinary skills earned by pairing their rigorous Physiology curriculum with minors and dual degrees. Currently, 70% of our seniors have a minor or second major.

In the 2021-22 UA College of Medicine – Tucson graduate admissions cycle, 20 of the 120 enrolled students completed their undergraduate degree in Physiology and Medical Sciences at UA. Not only are our students noticed at the applicant stage, but they are also highly successful once they get there. Our alumni consistently tell us how well their Physiology degree prepared them for success.

**FAST FACTS ABOUT THE PHYSIOLOGY & MEDICAL SCIENCES MAJOR**

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**ABOUT THE PROGRAM**

Physiology is the study of human life and how the body works. It is the foundation of life sciences, connecting science, medicine, and health. The BSHS in Physiology & Medical Sciences is a four-year degree program that emphasizes the integrated biological functions of the human body, ranging from the cellular to the organ system levels. Through rigorous coursework students learn how these functions are affected by stress and disease. Through research and out of the classroom engagement opportunities, students practice and apply their knowledge in real world settings and with real world problems. Physiology students receive extensive instruction in the physiological sciences, such as advanced human physiology, cell physiology, endocrine physiology, exercise and environmental physiology, cardiovascular physiology, and neurophysiology.
We offer four emphasis areas, each of which provide excellent preparation for careers or further study:

**Physiology Emphasis**
- Blood Bank Technologist
- Medical/Health Science Writer
- Medical Sales/Marketing
- Health Care Administrator
- Hospital Counselor/Advisor
- Public Health Professional
- Medical Illustrator
- Medical Examiner Technician

**Physiological Research & Innovation Emphasis**
- MS/PhD in Biomedicine
- Biotechnology
- Epidemiologist/Infection Control Agent
- Medical/Research Lab Technician
- Clinical Research
- Medical Law & Regulations
- Bioinformatics/Big Data in Medicine
- Nuclear Medicine Technologist
- Veterinary Medicine

**Exercise & Extreme Physiology Emphasis**
- Healthcare Educator/Health Promoter
- Occupational Therapist
- Physical Therapist
- Physical Therapy Assistant
- Speech Language Pathologist
- Respiratory Therapist
- Sonographer
- Prosthetics Technician
- Recreational Therapist

**Medical Sciences Emphasis**
- M.D./D.O.
- Nursing
- Community Health Worker
- Physician Assistant
- Dentist/Dental Technician
- Pharmacist
- Optometrist
- Wound Care Specialist
- Podiatrist
- Radiation Therapist

All emphasis areas above may meet prerequisites to apply for the following Medical Professional Programs. Your academic advisor can provide additional guidance.

- Dentistry
- Medicine
- Occupational Therapy
- Optometry
- Pharmacy
- Physical Therapy
- Physician Assistant
- Podiatry
- Nursing
- Veterinary Sciences
- Speech-Language Pathology & Audiology
- Public Health
- Nutrition & Dietetics
- Anesthesiology Assistant
- Chiropractic

Make sure to scan the QR code on the front of this page to explore all our major has to offer!