HUMAN PHYSIOLOGY, MINOR

College of Biological Sciences

This minor exposes students to general and specialized courses related to human biology including courses such as exercise and aging in health and disease and exercise metabolism. Students who obtain a human physiology minor will be able to demonstrate knowledge of the physiological processes that allow animals to function in their environment. This minor provides a foundation for further training in health-related professions.

Faculty Advisors

William DeBello, Ph.D. (https://biology.ucdavis.edu/people/william-debello/), Lee Miller, Ph.D. (https://biology.ucdavis.edu/people/lee-miller/)

Advising

Biology Academic Success Center (BASC) (https://basc.biology.ucdavis.edu/) in 1023 Katherine Esau Science Hall (formerly Sciences Laboratory Building); 530-752-0410.

Only one course used to satisfy a requirement for the minor may be applied toward a student's major.

Code	Title	Units
Human Physiology		
EXB 101	Exercise Physiology	4
NPB 101	Systemic Physiology	5
Choose one:		3-4
EXB 102	Introduction to Motor Learning & the Psychology of Sport & Exercise	
EXB 110	Exercise Metabolism	
EXB 117	Exercise & Aging in Health & Disease	
EXB 125	Neuromuscular & Behavioral Aspects of Motor Control	
NPB 109	Kinesiology: Analysis & Control of Human Movement	
Choose one:		3-4
NPB 113	Cardiovascular, Respiratory, & Renal Physiology	
NPB 114	Gastrointestinal Physiology	
NPB 130	Physiology of the Endocrine Glands	
NPB 132	Nature vs. Nurture: Physiological Interactions Among Genes, Nutrients & Health	
NPB/HPH 157	Advanced Physiology of Animal/Human Disease	
NPB 168	Neurobiology of Addictive Drugs	
Choose one from two of the following areas:		5-9
Functional Anatomy		
EXB 106/CHA 101	Human Gross Anatomy	
OR		
Genetics & Development		
ANT 153	Human Genetics: Mutation & Migration	
HDE 100C	Adulthood & Aging	
HDE 101	Cognitive Development	
HDE/ENT 117	Longevity	
MCB 162	Human Genetics & Genomics	
Immunology		
MMI 188A	Human Immunology	3-4
or MMI 188B	Human Immunology	
Nutrition		
NUT 111B	Recommendations & Standards for Human Nutrition	
Total Units		**23-30**