

HUMAN PHYSIOLOGY, MINOR

College of Biological Sciences

This minor exposes non-NPB and non-Human Biology majors 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/>), Talitha van der Meulen, Ph.D. (<https://biology.ucdavis.edu/people/talitha-van-der-meulen/>)

Advising

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

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 (Discontinued for winter 2026) **	
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 (Discontinued for summer 2026) **	
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

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Course(s) discontinued; see your advisor for course options.