

HEALTH SCIENCES

Bachelor of Science in Health Sciences – 120 Credits

Students from our Health Science Program will have opportunities to gain the necessary knowledge and skills to factor prominently into a variety of healthcare arenas, including human performance, strength & conditioning, corporate wellness, exercise physiology, health education, cardiopulmonary rehabilitation, and community health & wellness. For those students that may be considering pursuit of a professional healthcare degree, our Health Science major will serve as a gateway designed to prepare students for graduate degree programs in Medicine, Athletic Training, Physical Therapy, Occupational Therapy, and Physician Assistant Studies. The 120-credit Health Science curriculum provides students with a strong liberal art and basic science foundation that will be integrated throughout program specific coursework. Students will complete both required and elective health science coursework and will have opportunities to complete 15 additional credits of electives to individualize their course of study.

University Bridges Curriculum - 27 Credits

BRDG	101	First Year Writing I
BRDG	102	First Year Writing II
BRDG	104	Essential Questions Seminar
BRDG	105	Foundational Ethics Course
UCOR	253/254	Health Care Ethics (Ethical Reasoning) Public Speaking (Communication & Creative Expression)
COMM	102	Theology Philosophy Cultural Fluency & Responsivity Quantitative & Formal Reasoning ^a Critical Thinking & Problem Solving ^b Social and Historical Reasoning ^c Experiential Learning & Capstone

Science, Math and Humanities Courses – 38 credits

BIOL	111/111L	Biology I: Cells, Genetics, Development/Lab ^a
BIOL	112/112L	Biology II: Diversity, Ecology, Evolution/Lab
BIOL	207/208	Anatomy & Physiology I/Lab
BIOL	209/210	Anatomy & Physiology II/Lab
CHEM	131/131L	Fundamentals of Chemistry I/Lab
CHEM	132/132L	Fundamentals of Chemistry II/Lab
	or CHEM	121/121L General Chemistry I/Lab
	CHEM	122/122L General Chemistry II/Lab
PHYS	201/201L	Physics for Life Sciences I ^b
MATH	225	Introduction to Biostatistics ^a
PSYC	101	Introduction to Psychology ^c
HLTS	430	Principles of Research

^aBridges requirements listed with superscripts are satisfied by taking courses in the Sciences, Math and Humanities.

Required Health Science Courses - 25 credits

HLTS	115	Introduction to Health & Exercise Science
HLTS	120	Elements of HS, Info Literacy & Scientific Terminology
HLTS	225	Current Concepts in Sports Medicine
HLTS	311	Tests & Measures
HLTS	437/437L	Kinesiology & Functional Biomechanics
ATHT	407/407L	Physiology of Exercise with Lab
ATHT	402/402L	Nutrition & Weight Management with Lab
HLTM	211	Introduction to Epidemiology
HLTM	320	Healthcare Delivery and Organization

Health Science Electives – 15 credits

ATHT	400L	BLS – Emergency Medical Technician
ATHT	420	Integrated Training & Performance
HLTS	240	Functional Anatomy
HLTS	311	Strength & Conditioning
PHYS	202/202L	Physics for Life Sciences II/Lab
HLTM		Health Administration Courses
GLBH		Global Health Courses
PHBA		Public Health Courses
HCE		Healthcare Ethics Courses
BIOL		Biological Science Courses

Open Electives – 15 credits