

HEALTH SCIENCES

This major is 58 credits • *2018-2019 Catalog Year*

Revised: 10-14-2018

CAREERS & POST-GRADUATE WORK

Recent Heidelberg graduates with this degree are doing ...

- Physical Therapy Doctorate Program
- Personal Trainer
- Ursuline Accelerated Nursing Program
- Healthcare Administrator
- Health Unit Coordinator

The Health Sciences Department does not allow any grade waivers in major or minor courses.

MAJOR ACADEMIC PLAN (MAP): A SAMPLE 4-YEAR PLAN

This MAP is a guide for students preparing for course selections. This is a suggested schedule. Actual course selections should be made with the advice of your advising specialist or faculty advisor. For course descriptions, pre-requisites, and rotations (e.g., fall or spring only classes, classes taught in alternate years), consult the Heidelberg University Undergraduate Catalog.

FIRST-YEAR FALL

Course	Prerequisites	Hrs	Notes
HEI 101: Advise, Inspire, Mentoring Program		1	Required of all first-year students.
WRI 101: College Writing II		3	
HSC 110: Foundations of Professional Practice		1	Students should consult their Academic Advisor or the Department to determine the best BIO/CHM sequence based on future aspirations Track 1 = Allied Health; Track 2 = Pre-Med/Pre-Professional
HSC 150: Medical Terminology		2	
Track 1: BIO 121: Intro to Human A&P I OR Track 2: BIO 123/123L: Biology I		4	
General Education/Honors Support Courses		4	
Total Credits		15	

FIRST-YEAR SPRING

Course	Prerequisites	Hrs	Notes
HEI 102: Advise, Inspire, Mentoring Program	HEI 101	0	Required of all first-year students.
ATR 171: Acute Care of Injury & Illness		3	
Track 1: BIO 122: Intro to Human A&P II OR Track 2: BIO 124: Biology II	C- or better in BIO 121	4	Students should consult their Academic Advisor or the Department to determine the best BIO/CHM sequence based on future aspirations Track 1 = Allied Health; Track 2 = Pre-Med/Pre-Professional
COM 100: Public Speaking & Engagement		3	
MTH 119: Statistics I	Placement or C- or better in MTH 090	3	Mathematics Placement Assessment score determines placement in MTH courses and eligibility for non-MTH Quantitative Literacy (Q) courses
PSY 101: General Psychology		3	
Total Credits		16	

SECOND-YEAR FALL

Course	Prerequisites	Hrs	Notes
ATR 213: Anatomy for Ortho Assessment	ATR 171 and one college level Biology class	2	
Track 1: CHM 106: Allied Health Chemistry I OR	Placement into MTH 120	4	Students should consult their Academic Advisor or the Department to determine the best BIO/CHM sequence based on future aspirations Track 1 = Allied Health; Track 2 = Pre-Med/Pre-Professional
Track 2: CHM 111: General Chemistry I	Placement into MTH 121 or C- or better in MTH 120		
MTH 219: Statistics II	C- or better in MTH 119	3	
Psychology Elective	PSY 101	3	See pick list on last page.
General Education/Honors Support Courses		3	Consider completing the Foreign Language Requirement : Students not in the Honors Program must complete a foreign language to the 102-level or equivalent. Placement is based on the Foreign Language Assessment and some students may need to begin at the 101-level.
Total Credits		15	

SECOND-YEAR SPRING

Course	Prerequisites	Hrs	Notes
ESS 240: Community Health	Restricted to ATR, EXC HSC, SPO majors, Wellness Minor, others by permission.	2	
HSC 290: Applied Pharmacology & Pathology	Sophomore Standing, HSC 150 and BIO 121 or 123	3	
General Education/Honors Support Courses		10	
Total Credits		15	

THIRD-YEAR FALL

Course	Prerequisites	Hrs	Notes
HSC 370: Internship	2.5 GPA, HSC 150, 290. Junior standing and approval from the Department Chair.	3-15	Student must complete a minimum of 3 hours. An internship contract must be completed and on file in the Career Development office before registration.
Track 2: BIO 363: Human Anatomy & Physiology I	C- or better in BIO123 and BIO123L and either CHM111 or CHM106; or C- or better in BIO121 and either CHM111 or CHM106. Open to Juniors and Seniors	4	
HSC Elective		3	See pick list on last page
General Education/Honors Support Courses		5	
Total Credits		15	

THIRD-YEAR SPRING

Course	Prerequisites	Hrs	Notes
ESS 306: Nutrition	Restricted to ATR, EXC, HSC, SPO majors, others by permission. Sophomore standing or above.	3	
HSC 360: Medical Imaging Basics	ATR 213, HSC 290	1	
HSC 390: Applications of Professional Practice	HSC 110, 150	1	
General Education/Honors Support Courses		10	
Total Credits		15	

FOURTH-YEAR FALL

Course	Prerequisites	Hrs	Notes
HSC 425: Healthcare Seminar	ATR, HSC, SPO majors. COM 100, WRI 101	2	
HSC 477: Kinesiology & Biomechanics	ATR 213, BIO 121 and 122 or BIO 123 and 363	3	
HSC 490: Research Methods in Health Science	Senior standing. ATR, HSC, and SPO majors only. HSC390, COM100, WRI101.	2	
General Education/Honors Support Courses		8	
Total Credits		15	

FOURTH-YEAR SPRING

Course	Prerequisites	Hrs	Notes
HSC 485: Healthcare Administration	Senior Standing	2	
HSC 487: Exercise Physiology	Senior Standing. BIO 121 and 122 or BIO 123 and BIO 363.	3	
General Education/Honors Support Courses		10	
Total Credits		15	

PSYCHOLOGY	HEALTH SCIENCE PICK LIST	
Choose one course from: <ul style="list-style-type: none"> • PSY 206: Child Psychology • PSY 207: Adolescent Psychology • PSY 209: Abnormal Psychology 	Choose one course from: <ul style="list-style-type: none"> • ATR 389: Principles of Strength & Conditioning • ANT 200: Cultural Anthropology • EDU 200: Human Growth & Development • ESS 116: Health & Wellness • PHI 216: Ethics • PHI 217: Bioethics 	<ul style="list-style-type: none"> • PSY 205: Lifespan Psychology • PSY 206: Child Psychology • PSY 207: Adolescent Psychology • PSY 209: Abnormal Psychology • PSY 212: Sport Psychology Psychology course must be different from the psychology course used to fulfill the major requirement.