

Bachelor of Science Degree in BIOMEDICAL SCIENCE

(Recommended Course Sequence)

While each student's course sequence may be adapted to their personal goals and timeline, this recommended four-year sequence demonstrates one option. Elective options are flexible to be used anywhere for any other course of interest, as long as the prerequisites are met.

Year 1: Fall (14 credit hrs.)		Year 1: Spring (16 credit hrs.)	
BIO 1159	Health Professions Seminar	BIO 1369	General Biology II
BIO 1359	General Biology I	BIO 1129	General Biology II Lab
BIO 1119	General Biology I Lab	CHE 1489	General Chemistry II
CHE 1479	General Chemistry I	MAT 2451	Calculus
MAT 2445	Accelerated Pre-Calculus (or substitute with MAT 1351 then MAT 2345)	KIN 1100	Principles of Personal Fit. & Well.
GEN 1101	University Seminar	ENG 1311	English Composition I

Year 2: Fall (16 credit hrs.)		Year 2: Spring (15 credit hrs.)	
BIO 2429	Comp. Vertebrate Anatomy	CHE 2341	Organic Chemistry II
CHE 2331	Organic Chemistry I	CHE 2149	Organic Chemistry II Lab
CHE 2139	Organic Chemistry I Lab	PHY 2449	University Physics II
PHY 2439	University Physics I	CIS 1339	Intro to Info. Technology
SCI 2104	Medical Internship	ENG	Choose Literature (2351, 2353, or 2373)
ENG 1312	English Composition II	KIN	Kinesiology activity course

Year 3: Fall (16 credit hrs.)		Year 3: Spring (17 credit hrs.)	
BIO 3438	Genetics	BIO 3429	Cell Biology
CHE 4439	Biochemistry I	BIO 3399	Pathophysiology
SCI 1200	Medical Terminology	MAT 2343	Statistics
3 hrs.	Choose a fine arts course	3 hrs.	Choose a social science (PSY, SOC, etc.)
COM 1310	Fund. of Human Communication	4 hrs.	Electives

Year 4: Fall (16 credit hrs.)		Year 4: Spring (14 credit hrs.)	
BIO 4119	Research	BIO 4311	Senior Thesis and Assessment
3 hrs.	Upper Level Biology	GEN 4100	Senior Seminar
GOV 2311	American Government	BIO 3419	Microbiology
BIB 1303	Intro to Old Testament	BIB 1304	Intro to New Testament
KIN	Kinesiology activity course	HIS	U.S. History (1310 or 1320)
5 hrs.	Electives		



"The great thing about this program being at HPU is that it provides accountability by reminding you of who you are in Christ and who you're doing this for."

Hannah Justice White

Third-Year Medical School Student; B.S. degree in Biomedical Science, HPU Class of 2019