

BIOMEDICAL SCIENCES: BS-MHS Combined Degree

THIS IS A **GENERAL** CURRICULUM GUIDE AND IS NOT APPLICABLE TO EVERY STUDENT. IT IS IMPORTANT TO MEET WITH YOUR ADVISOR.

Year One			
BIO 120 General Biology I (w/lab)	4	BMS 208 Human Anatomy	3
CHM 115 Principles of Chemistry I (w/lab)	4	CHM 116 Principles of Chemistry II (w/lab)	5
MTH 122 College Algebra	3	WRT 150 Strategies in Writing	4
Gen Ed	3	Gen Ed	3
Elective	1		
	15	Total	15
Year Two			
BMS 212 Introductory Microbiology	3	BMS 290 Human Physiology	3
BMS 213 Laboratory in Microbiology	1	CHM 242 Organic Chemistry for Life Sciences II (w/lab)	4
CHM 241 Organic Chemistry for Life Sciences I (w/lab)	5	MTH 123 Trigonometry	3
STA 215 Introductory Applied Statistics	3	Gen Ed	3
Gen Ed	3	Gen Ed	3
Total	15	Total	16
Year Three			
CHM 461 Biochemistry I	4	BIO 375 Genetics	3
PHY 220 General Physics I (w/lab & discussion)	5	BIO 376 Genetics Laboratory	1
BMS 391 Laboratory in Human Physiology	2	PHY 221 General Physics II (w/lab & discussion)	5
Gen Ed	3	Issue	3
		Gen Ed	3
APPLY TO COMBINED DEGREE PROGRAM THIS TERM			
Total	14	Total	15
Year Four			
BMS 495 Concepts in Wellness (Capstone)	3	BMS 508 Advanced Physiology **	3
Issue	3	BMS 601 Experimental Design **	3
Elective	3	MHS Elective **	3
Elective	3	Elective	3
BMS 607 Infection and Immunity **	3	Elective	3
BMS 501 Graduate Seminar	1		
Total	16	Total	15
Year Five			
STA 610 or 622	3	BMS 523 Epidemiology	3
BMS 605 Regional Anatomy	4	MHS Elective	3
BMS 695 Thesis	3	BMS 699 Graduate Research	1
		BMS 695 Thesis	3
	10		10

Undergraduate Credits – 120

Graduate Credits – 33

** Part of 12 credits that dual count for BS and MHS

Catalog Description: <https://www.gvsu.edu/catalog/2020-2021/program/master-of-health-sciences-in-biomedical-sciences.htm>

MHS Program Coordinator: Dr. Chris Pearl, pearlch@gvsu.edu