

Health Science (BS) - Medical Genomics & Counseling

The following course sequence sheet is for illustrative purposes only and should not be construed as formal academic advisement. Course selections and sequence may vary depending on course availability and counsel from your academic adviser. You should consult an academic adviser before developing an actual academic plan.

Cr.	First Semester	Cr.	Second Semester
4	BIOLOGY.114 Concepts Biology 1	4	BIOLOGY.173 Anatomy & Physiology 1
1	BIOLOGY.105 BAHS Freshman Seminar	4	CHEM.116 Chem for Sciences 2
3	PSYCH.101 General Psychology	3	ENGLISH.101 Found of College Writing
4	CHEM.115 Chem for Sciences 1	3	SOC.211 Principles of Sociology
3	MATH.123 Essentials of Calculus		
15	Total Semester Credits	14	Total Semester Credits
Cr.	Third Semester	Cr.	Fourth Semester
4	BIOLOGY.174 Anatomy & Physiology 2	4	BIOLOGY.271 Cell Biology
4	BIOLOGY.242 Microbiology	3	BIOLOGY.205 Nutrition
3	MATH.141 Statistics	3	BIOLOGY.233 Human Genetics
3	PHIL.290 Medical Ethics	3	PSYCH.235 Intro Abnormal Psychology
3	General Education Course	3	General Education Course
17	Total Semester Credits	16	Total Semester Credits
Cr.	Fifth Semester	Cr.	Sixth Semester
3	BIOLOGY.208 Medical Terminology	3	BIOLOGY.474 Human Physiology
3	BIOLOGY.333 Molecular Biology	4	CHEM.341 Biochemistry
1	BIOLOGY 303 Health Sciences Seminar	3	General Education Course
4	CHEM.230 Fund Organic Chemistry	3	General Education Course
3	General Education Course		
14	Total Semester Credits	13	Total Semester Credits
Cr.	Seventh Semester	Cr.	Eighth Semester
1	BIOLOGY.479 Integrated Physiology Lab	3	BIOLOGY.489 Topics-Medical Genetics
3	BIOLOGY.332 Genetics	3	BIOLOGY.435 Bioinformatics
3	BIOLOGY.390 Research in Biology OR BIOLOGY.490 Internship in Biology	3	General Education Course
3	General Education Course	6	Free Electives
3	General Education Course		
3	Free Elective		
16	Total Semester Credits	15	Total Semester Credits

TOTAL CREDITS: 120