

BIOLOGY

Requirements

Below is a sample plan of study that illustrates one way to achieve the program requirements. Any given student's plan of study may differ based on a variety of factors (e.g., advanced credit, placement exams, adding a minor). Enrolled students will work with their academic advisor; utilize the degree audit/planner to create a specific plan of study.

Math requirements in BIO can be satisfied via one of the following course sequences:

Sequence 1 (Probability and Statistics Focus)

Code	Title	Hours
MA 223	Engineering Statistics	4
MA 482	Biostatistics	4
MA 485	Applied Linear Regression	4
or MA 487	Design of Experiments	
Total Hours		12

Sequence 2 (Modeling Focus)

Code	Title	Hours
MA 221	Matrix Algebra & Differential Equations I	4
MA 222	Matrix Algebra & Differential Equations II	4
MA 223	Engineering Statistics	4
Total Hours		12

Summary

Code	Title	Hours
Required BIO courses		52
BIO electives		12
Free electives		8
Required CSSE		4
HSSA electives		24
Required HSSA		12
Required MA, CHEM, PH		59
RHIT 100	Foundations for Rose-Hulman Success (Required)	1
Sci/Tech electives		16
Total Hours		188