

Biology (2012-2013)

Wildlife

This is a **general curriculum** guide and is not applicable to every student and is not a replacement for meeting with your advisor.

-Student needs MTH 110 prerequisite-

Fall Semester – Year One	credits	Winter Semester- Year One	credits
BIO 120: General Biology I (<i>Gen Ed</i>)	4	BIO 121: General Biology II	4
MTH 110: Algebra	4	CHM 115: Principles of Chemistry I (<i>Gen Ed</i>)	5
WRT 150: Strategies in Writing	4	MTH 122: College Algebra (<i>Gen Ed</i>) ³	3
Gen Ed.	3	Gen Ed.	3
Total	15	Total	15
Fall Semester – Year Two	credits	Winter Semester – Year Two	credits
CHM 116: Principles of Chemistry II	5	CHM 231: Introductory Organic Chemistry Or²	4
BIO 215: General Ecology	4	CHM 241: Organic Chemistry for Life Science I	4
BIO 222: Natural History of Vertebrates	3	MTH Cognate ¹	3
MTH 123: Trigonometry ³	3	Gen Ed.	3
		Gen Ed.	3
		Gen Ed.	3
Total	15	Total	16*
Fall Semester – Year Three	credits	Winter Semester – Year Three	credits
BIO 375/376: Genetics/Genetics Lab	4	PHY 220: General Physics I ³	3
BIO 333: Systematic Botany	3	Gen Ed.	5
CHM 232: Biological Chemistry Or²	4	Gen Ed.	3
CHM 242: Organic Chemistry for Life Science II	4	Gen Ed. or Theme	3
NRM 281: Principles of Soil Science	4		
Total	15	Total	14
Fall Semester – Year Four	credits	Winter Semester – Year Four	credits
BIO 405/406: Cell and Molecular Bio. w/lab (<i>SWS</i>)	6	BIO 495: Evolutionary Biology	3
PHY 221: General Physics II ³	5	BIO 342: Ornithology	3
BIO 408: Wildlife Management	4	BIO Elective	3
		Elective	3
		Elective	3
Total	15	Total	15

***The block tuition rate is for 12-15 credits. You will pay additional tuition for any credits over 15.**

Notes:

¹ Choose one of the following to complete the math cognate for the Major: MTH 125: Survey of Calculus, MTH 201: Calculus and Analytical Geometry, or STA 215: Introductory Applied Statistics.

² If you plan to attend graduate or professional school, you will want to complete the CHM 241/242 sequence.

³ MTH 122/123 are prerequisites for PHY 220 and not part of the Biology major. PHY 221 is not required, but students planning to attend graduate school, professional school, or secondary teacher certification should complete a full year of physics

Special Notes:

A. This is a **general** curriculum guide and will not work for everyone, especially those students who have AP, IB or CLEP credit. For students without high school chemistry, CHM 109 is strongly encouraged.

B. Courses that have (*Gen Ed*) written after them are classes that are required in the major and also fulfill a section of the general education program.

C. Students must complete a total of two courses with an *SWS* attribute.

It is imperative to meet with your faculty advisor or an advisor in the CLAS Academic Advising Center early in your career.

The CLAS Academic Advising Center is located in C-1-140 MAK, 616-331-8585.

Online at: <http://www.gvsu.edu/clasadvising>

Prepared by CLAS Academic Advising Center – 1/23/12