

# Biology (2010-2011)

## Veterinary

This is a **general curriculum** guide and is not applicable to every student and is not a replacement for meeting with your advisor. **Consult with your pre-professional advisor early and often!**

-Student is starting in MTH 110-

Fall Semester – Year One	Credits	Winter Semester	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
Gen Ed.	3	WRT 150: Strategies in Writing	4
Gen Ed.	3	MTH 122: College Algebra ( <i>Gen Ed</i> )	3
<b>Total</b>	14	<b>Total</b>	16
Spring Semester – Year One	Credits	Summer Semester – Year One	Credits
Chemistry 116: Principles of Chemistry II	5	MTH 123: Trigonometry	3
Fall Semester – Year Two	Credits	Winter Semester – Year Two	Credits
CHM 241: Organic Chemistry for Life Science I	4	PHY 221: General Physics II	5
MTH Cognate <sup>1</sup>	3	CHM 242: Organic Chemistry for Life Science II	4
PHY 220: General Physics I	5	Gen Ed.	3
Gen Ed.	3	Gen Ed.	3
<b>Total</b>	15	<b>Total</b>	15
Fall Semester – Year Three	Credits	Winter Semester – Year Three	Credits
BIO 215: General Ecology	4	BIO 375/376: Genetics/Genetics Lab	4
CHM 461: Biochemistry I	4	BIO 303: Plants and Fungi	4
BIO elective <sup>2</sup>	3	WRT 305: Writing in the Disciplines	3
Gen Ed. or Theme	3	Gen Ed. or Theme	3
<b>Total</b>	14	<b>Total</b>	14
Fall Semester – Year Four	Credits	Winter Semester – Year Four	Credits
BIO 405/406: Cell and Molecular Biology w/lab	6	BIO 495: Evolutionary Biology	3
BIO 357: Environmental Microbiology <b>OR</b>	4	BIO elective <sup>2</sup>	4
BMS 212/213: Introductory Microbiology <sup>2</sup>	4	Elective	3
BIO elective <sup>2</sup>	3	Gen Ed. or Theme	3
Gen Ed. or Theme	3	Gen Ed. or Theme	3
<b>Total</b>	16	<b>Total</b>	16

### Notes:

<sup>1</sup> One course must be selected from MTH 125: Survey of Calculus, MTH 201: Calculus and Analytical Geometry, or STA 215: Introductory Applied Statistics. Calculus is a pre-requisite at some schools.

<sup>2</sup> Consult with the Pre-Veterinary Advisor to select appropriate courses for vet school.

<sup>3</sup> Students who pass out of WRT 305 have room to take a GenEd, Theme, or elective course in this semester.

### Special Notes:

- This is a **general** curriculum guide and will not work for everyone, especially those students who have AP or CLEP credit.
- 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.
- Remember to fulfill your 2 SWS requirements; 1 can be taken in the gen ed program and 1 in your major.
- Some classes are in multiple sections within the gen ed. If you take a course that can be counted in two categories, you can open up 1-2 more spots for biology electives.
- You must have **120 credits** to graduate from Grand Valley State University.

**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 – 2/4/10