

Effective August 1, 2013

## CURRICULUM FOR THE BIOLOGY MAJOR

### First Year

Fall Semester	Credits	Spring Semester	Credits
BIOL 230 Cell & Genetic Biology <sup>#</sup>	3	BIOL 120 Organismic Biology <sup>#</sup>	3
BIOL 231 Cell & Genetic Biology Laboratory <sup>#</sup>	1	BIOL 121 Organismic Biology Laboratory <sup>#</sup>	1
ENGL 101 English Composition I <sup>#</sup>	3	ENGL 102 English Composition II <sup>#</sup>	3
CHEM 231 General Chemistry <sup>#</sup>	4	CHEM 232 General Chemistry <sup>#</sup>	4
CHEM 233 General Chemistry Laboratory <sup>#</sup>	1	CHEM 234 General Chemistry Laboratory <sup>#</sup>	1
MATH 107 PreCalculus Algebra <sup>#</sup>	4	MATH 108 PreCalculus Trigonometry <sup>#</sup>	4
OREN 100 General Orientation I	1	OREN 101 General Orientation II	1
Total	17 credits	Total	17 credits

### Second Year

Fall Semester	Credits
BIOL 250 Molecular Cell & Genetic Biology <sup>#</sup>	3
BIOL 251 Molecular Cell & Genetic Biology Laboratory <sup>#</sup>	1
CHEM 320 Organic Chemistry <sup>#</sup>	3
CHEM 322 Organic Chemistry Laboratory <sup>#</sup>	2
MATH 207 Analytic Geometry & Calculus <sup>#</sup>	4
PHED Physical Education Elective <sup>e</sup>	1
CSCI Computer Science Elective <sup>e</sup>	3

### Third Year

	Spring Semester	Credits	
BIOL 309 Genetics <sup>#</sup>	4	BIOL 360 Biochemistry of Cell Regulation <sup>#</sup>	3
PHYS 310 General Physics I	3	BIOL 361 Introduction to Methods in Biotechnology <sup>#</sup>	1
PHYS 313 General Physics I Laboratory	1	PHYS 311 General Physics II	3
EVSC 500 Biostatistics <sup>#</sup>	3	PHYS 314 General Physics II Laboratory	1
HIST 103 World Civilization I <sup>#</sup>	3	PHIL 325 Philosophy of Science <sup>e</sup>	3
SOCI 240 Introduction to Sociology <sup>e</sup>	3	HIST 104 or 210 or 211 <sup>#</sup>	3
Total	17 credits	Total	14 credits

### Fourth Year

Fall Semester	Credits
BIOL 401 Biology Senior Seminar <sup>#</sup>	1
BIOL Diversity and Evolution <sup>#</sup>	3
Biology Elective <sup>#</sup>	4
General Elective	2
General Elective	2

Approved: \_\_\_\_\_  
John P. Davidson, Biology Chair, CAS

Approved: \_\_\_\_\_  
Fitzgerald B. Bramwell, Dean, CAS

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Walter A. Hill, Provost