

Effective August 1, 2013

CURRICULUM FOR THE BIOLOGY MAJOR

First Year

Fall Semester	Credits	Spring Semester	Credits
BIOL 230 Cell & Genetic Biology [#]	3	BIOL 120 Organismic Biology [#]	3
BIOL 231 Cell & Genetic Biology Laboratory [#]	1	BIOL 121 Organismic Biology Laboratory [#]	1
ENGL 101 English Composition I [#]	3	ENGL 102 English Composition II [#]	3
CHEM 231 General Chemistry [#]	4	CHEM 232 General Chemistry [#]	4
CHEM 233 General Chemistry Laboratory [#]	1	CHEM 234 General Chemistry Laboratory [#]	1
MATH 107 PreCalculus Algebra [#]	4	MATH 108 PreCalculus Trigonometry [#]	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 [#]	3
BIOL 251 Molecular Cell & Genetic Biology Laboratory [#]	1
CHEM 320 Organic Chemistry [#]	3
CHEM 322 Organic Chemistry Laboratory [#]	2
MATH 207 Analytic Geometry & Calculus [#]	4
PHED Physical Education Elective ^e	1
CSCI Computer Science Elective ^e	3

Third Year

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

Fourth Year

Fall Semester	Credits
BIOL 401 Biology Senior Seminar [#]	1
BIOL Diversity and Evolution [#]	3
Biology Elective [#]	4
General Elective	2
General Elective	2

Approved: _____
John P. Davidson, Biology Chair, CAS

Approved: _____
Fitzgerald B. Bramwell, Dean, CAS

Approved: _____
Walter A. Hill, Provost