

Bachelor of Science – Biology
College of Arts and Sciences, Case Western Reserve University
EFFECTIVE FALL 2014

Name _____
 Student # _____
 Date _____
 Advisor _____

Course	hrs	gr	comments
Arts & Humanities (6-8 credits)			
Natural Sciences and Math (6-8 credits)			
Social Sciences (6 credits)			
Quantitative Reasoning (3-4 credits)			
Global and Cultural Diversity (3-4 credits)			
Physical Education (2 full semesters, 4 half-semester courses)			
SAGES requirements			
First Year Seminar			
University Seminar (1)			
University Seminar (2)			
Departmental Seminar			
Capstone			
Writing Portfolio			
Biology Core Courses			
BIOL 214			
BIOL 214L			
BIOL 215			
BIOL 215L			
BIOL 216			
BIOL 216L			
Mathematics			
MATH 125 (or 121)			
MATH 126 (or 122)			

Chemistry			
CHEM 105			
CHEM 106			
CHEM 113			
CHEM 223 (or 323)			
CHEM 224 (or 324)			
CHEM 233			
CHEM 301			
Physics			
PHYS 115			
PHYS 116			
Engineering			
ENGR 131			
Advanced Math or Stats Course (3 credits)			
Select from Math 201 or 304; or BIOL 431; or STAT 207, 312, 313			
*Biology Breadth Requirement: One course from two of the following areas: Cell and Molecular (c/m) Organismal (o) or Population and Ecology (p/e) (6 credits)			
Quantitative Biology (one course)			
BIOL 300, 304, 315, 321, 352, OR 373			
Genetics			
BIOL 326			
*Laboratory Requirements:			
<i>One additional lab course required</i>			
*Biology Elective (3-6 credits) 200 level or higher (excluding 240, 250, 251)			
Independent Research			
BIOL 388S (capstone)	3		
BIOL 390	3		

Total Biology Credits: 39 hrs

*At least 11 hours of electives/lab courses must be at the 300 level.

Must complete at least 12 hours of BIOL electives and labs