

## 2018-19 Semester Planner for B.A. Biology Placement in Math 151/156 and WRTG 111

Fall First year* (15 – 17 credits)			Spring First year (15 credits)		
Chem 105	Chemistry I	4	Chem 106	Chemistry II	4
Biol 115	Biology I	4	Biol 116	Biology II	4
WRTG 111	Academic Writing	3	Math 151/ 156	GER Math	4
LS 101	Library Science	1	COJO 121/131/141	GER Communications	3
1)	GER A/H/SS	3-5			
Fall Second year (14 – 16 credits)			Spring Second year (15 – 17 credits)		
Biol 260	Genetics	4	Biol 360	Cell and Molecular Biology	3
WRTG 211/212/ 213/214	Academic Writing II	3	Stats 200	Statistics	3
Chem 321	Organic Chemistry I	4	1)	GER A/H/SS	3-5
1)	GER A/H/SS	3-5	3)	Minor	3
			4)	Humanities/Social Science	3
Fall Third year (16 – 19 credits)			Spring Third year (15 – 19 credits)		
Biol 371	Ecology	4	1)	GER A/H/SS	3-5
Phys 103/ CS 103/ CS 201	only need one of these	3-4	3)	Minor	3
1)	GER A/H/SS	3-5	4)	Humanities/Social Science	3
2)	GER Ethics	3	5) or 6)	Biology major requirement/elective	3-4
3)	Minor	3	5) or 6)	Biology major requirement/elective	3-4
Fall Fourth year (16 – 17 credits)			Spring Fourth year (15 – 17 credits)		
Biol 481	Evolution	4	3)	Minor	3
3)	Minor	3	4)	Humanities/Social Science	3
4)	Humanities/Social Science	3	4)	Humanities/Social Science	3
4)	Humanities/Social Science	3	5) or 6)	Biology major requirement/elective	3-4
5) or 6)	Biology major requirement/elective	3-4	5) or 6)	Biology major requirement/elective	3-4

**In addition to the specifically listed courses above, you are required to work in the GER as well as Major and Minor requirements listed below:**

- 1) GER specific list A/H/SS (5 classes): 1 Art (most require Sophomore standing); 1 Humanities; 2 Social Sciences (two different disciplines); 1 additional from the Art/Humanities/Social Sciences lists
- 2) GER specific list: 1- 300 level Ethics (Jr standing or above)
- 3) Minor – minimum 15 credits required – varies by discipline
- 4) Additional 18 credits of Humanities/Social Sciences – cannot be double counted w/GER specific in 1); must be 6 credits of Humanities; 6 credits of Social Science; and 6 more credits of either Humanities and/or Social Science. Of these 18 credits, 9 should be upper division to meet BA requirements for 39 Upper Division Credits required for graduation
- 5) At least two of the following (only one each from A, B or C): **A:** Biol 360 Cell and Molecular; **B:** Biol 371 Principles of Ecology; **C:** Biol 310 Animal Physiology; Biol 342 Microbiology; Biol 434 Structure & Function of Vascular Plants; or [Biol 111 AND 112 Human Anatomy and Physiology I and II]
- 6) Additional three biology electives from the approved Biology elective list (9 – 12 credits) – cannot double count from the two you select for 5).
- 7) Biol 400 Capstone – can be built into a specific course & double counted as biology elective 6) category: Biol 434; 441; 466; 472; 473; 491; or can be an independent study set up between a student and faculty member – can also be designated as a List Biology elective based upon research focus to cover one of the required 6).
- 8) General Electives enough to bring credit total to 120 credits

\*May need to consider taking Biology/Chemistry/Math or Stats courses over summer semester reduce course load

08/30/18