

Name: _____ Student ID# _____ Catalog Year: _____

This form is intended to allow you and your advisor to plan your biology curriculum. Please make sure you are using the checklist for your appropriate catalog year. Any transfer/equivalency credits must be approved by the biology department chair.

Note: Because this is a Bachelor of Arts in Biology and has fewer compulsory courses in the natural sciences than the Bachelor of Science in Biology, please see your advisor to make sure you will fulfill all the specific requirements of your chosen post-graduate career path.

Required Biology Courses

- BIOL 172 *Molecular Biology* (3)
- BIOL 181 *Genetics* (3)
- BIOL 182 *Evolution* (2)
- BIOL 200 *Ecology* (3)
- BIOL 226 *Laboratory Methods in Biology* (2)
- BIOL 351 *Junior Seminar I* (1)
- BIOL 483 *Senior Seminar I: Practicum* (3) or equivalent

At least three (3) courses selected from the following list with at least one having a laboratory experience (10-15):

- | | | |
|---|---|---|
| <input type="checkbox"/> BIOL 301 <i>Adv. Evol. Biology</i> (3) | <input type="checkbox"/> BIOL 317 <i>Vertebrate Embryology</i> (5) | <input type="checkbox"/> BIOL 373 <i>Herpetology</i> (5) |
| <input type="checkbox"/> BIOL 306 <i>Medical Botany</i> (3) | <input type="checkbox"/> BIOL 320 <i>Vertebrate Physiology</i> (5) | <input type="checkbox"/> BIOL 378 <i>Adv. Human Physiol. I</i> (5) |
| <input type="checkbox"/> BIOL 307 <i>Botany</i> (5) | <input type="checkbox"/> BIOL 321 <i>Comp. Human Anatomy</i> (5) | <input type="checkbox"/> BIOL 379 <i>Adv. Human Physiol. II</i> (5) |
| <input type="checkbox"/> BIOL 308 <i>Immunology</i> (3) | <input type="checkbox"/> BIOL 322 <i>Advanced Genetics</i> (5) | <input type="checkbox"/> BIOL 390 <i>Repro. Physiology</i> (3) |
| <input type="checkbox"/> BIOL 309 <i>General Zoology</i> (5) | <input type="checkbox"/> BIOL 324 <i>Cell. & Mol. Biology</i> (3) | |
| <input type="checkbox"/> BIOL 310 <i>Field & Syst. Botany</i> (5) | <input type="checkbox"/> BIOL 325 <i>Epidemiology</i> (3) | |
| <input type="checkbox"/> BIOL 312 <i>Advanced Ecology</i> (5) | <input type="checkbox"/> BIOL 333 <i>Histology</i> (5) | |
| <input type="checkbox"/> BIOL 313 <i>Adv. Microbiology</i> (5) | <input type="checkbox"/> BIOL 334 <i>Developmental Biol.</i> (4) | |
| <input type="checkbox"/> BIOL 316 <i>Comparative Anatomy</i> (5) | <input type="checkbox"/> BIOL 337 <i>Intro. to Virology</i> (3) | |

Other Required Courses

- CHEM 238/L *Inorganic Chemistry with Laboratory* (3/2)
- MATH 227 *Introduction to Statistics* (3)

One (1) course selected from the following list:

- CHEM 121 *Introductory Chemistry* (5)
- CHEM 131/L *Foundations of Chemistry with Laboratory* (3/2)

One (1) course selected from the following list:

- PHYS 201 *Principles of Physics I* (5)
- PHYS 211 *General Physics I* (5)

Semester		Courses				
First Year	Fall	1 BIOL 172 Molecular Biology 3	2 CHEM 121 Introductory Chemistry 5	<i>or</i> 2 CHEM 131/L Foundations of Chem. + Lab 3/2	FUSE 101 Frontiers 3	3 MATH 227 Introduction to Statistics 3
	Spring	BIOL 181 Genetics BIOL 172 3	BIOL 182 Evolution Co/Pre: BIOL 181 2	CHEM 238/L Inorganic Chem. & Lab CHEM 121 or 131 3/2	FUSE 102 Intersections 3	Drury Fusion
Second Year	Fall	6 BIOL 200 Ecology Co/Pre: BIOL 182 3	4 PHYS 201 Principles of Physics MATH 110 or 211 5	BIOL Electives	Drury Fusion	
	Spring	BIOL 351 Junior Seminar I BIOL 200 1	5 BIOL 483 Senior Seminar I: Practicum Pre/Co: BIOL 351 3	BIOL Electives	Drury Fusion	

Notes

1. If in Biol 110, then shift Biol 172, 181, 182, and 200 down as needed.
2. One year of introductory chemistry can be fulfilled with either Chem 121/238 *or* 131/238 (with appropriate labs...).
3. Biol 225 may be substituted for Math 227 if desired.
4. Phys 211 (with a Math 231 pre-requisite) may be substituted for Phys 201.
5. Biol 483 may be taken in a later semester or substituted with Biol 484 *Senior Seminar I: Research*.
6. The Bachelor of Arts degree with a major in Biology is designed to be paired with another major (e.g., Secondary Education), and it may be spread over more than two years as needed. Please consult with your academic advisor for how to best plan for your chosen career.

Legend

