

Semester		Courses					Professional Development	
First Year	Fall	1 BIOL 172 Exploring Molecular Biol.	2 CHEM 115/L General Chem. + Lab	or CHEM 208/L Analytical Chem. + Lab	3 MATH 231 Calculus I (or math placement)	FUSE 101 Frontiers	Drury Fusion	Statement of Purpose Resume Template Seek Internship and Shadowing Advice Begin volunteer efforts
	Spring	BIOL 181 Mech. Genetic Inheritance <small>BIOL 172</small>	BIOL 225 Biostatistics <small>BIOL 172</small>	CHEM 238/L Inorganic Chem. + Lab	Drury Fusion	FUSE 102 Intersections		
Second Year	Fall	BIOL 182 Evolution <small>BIOL 181</small>	BIOL 200 Ecology Co or Pre: BIOL 182	4 CHEM 208/L Analytical Chem. + Lab	or CHEM 312 Organic Chem. Reactions	5 PHYS 211 General Physics	Drury Fusion	Internship and/or Shadowing Experiences Prepare for Research Attend Seminars Expand volunteer efforts
	Spring	BIOL Electives	PLSC 309/22 Global/Amer. Environ. Polit.	CHEM 308/L Analytical Chem. + Lab	CHEM 336 Biochemistry	Drury Fusion		
Third Year	Fall	BIOL 351 Junior Seminar I <small>BIOL 181</small>	BIOL Electives	ECON 225 Intro. Environ. Economics	Drury Fusion			Internship and/or Shadowing Experiences Complete Statement of Purpose & Resume Exam (GRE, etc.) Identify post-graduate positions of interest Senior Seminar Proposal & Project Attend Seminars Extended volunteer & research efforts
	Spring	BIOL 352 Junior Seminar II <small>BIOL 351</small>	BIOL Electives	PHIL 320 Environmental Ethics	Drury Fusion			
Fourth Year	Fall	BIOL 483/4 Senior Seminar I <small>Biol 200</small>	BIOL Electives	Drury Fusion				Applications to post-graduate positions Senior Seminar Project & Presentation Attend Seminars Extended volunteer & research efforts
	Spring	BIOL Electives	Drury Fusion					

- Notes**
- If in Biol 110, then shift Biol 172, 181, 182, 200, and 225 down as needed.
 - One year of intro chemistry (i.e., Chem 115/238 *or* 208/238) is typically required for grad schools in environmental biology-related areas but Chem 208 is needed if Chem 308 is chosen as the upper-level chemistry path.
 - If in Math 109 or 211, proceed through Math 231 prior to Phys 211.
 - If Chem 208/L already completed, then take Chem 308 whichever semester offered. If preparing to take Chem 336, then take Chem 312/L.
 - If interested in hydrology or related field, then a second semester of physics (Phys 212) is recommended.

