

**Typical program for a student pursuing a Biology major and a Secondary Education Minor**

	FALL	SPRING
First year	BL118	BL121
	Gen Chem 1	Gen Chem 2
	Core	Core
	core	Core
	Core	Core
Second year	BL201	BL elective
	Organic Chem	Organic Chem
	Calculus or Statistics	Core
	Core	ED205 Ed Psych (also counts as Social Sci Core)
	ED 100 or ED 101 + ED 431 (1 cr) Intro to Education or Urban Educ + field experience	SE 296 + ED 438 (1 cr) Intro Spec. Ed + field experience
	MAJOR DECISION POINT to embark on this path	
Third year	BL elective	BL elective
	BL elective	BL elective
	Physics 1	Physics 2
	Core	ED 429 + ED 434 (1 cr) Sec. Methods in teaching + field experience (Spring only)
	Free elective	Core
	Can go abroad to Newcastle this semester; potentially other locations as well	
	Apply to certification track for teacher education. Take Praxis I or achieve a score of 1100 on Reading and Math or score of 24 on ACT combined.	
Fourth year	BL elective	ED 452 Internship 2: Student teaching (12 cr)
	BL elective	
	ED 422 Teaching of Science + ED 432 (1 cr) Internship1 and Seminar (Fall only)	
	RE 474 Literacy in the Content Area (Fall only; recommended in Junior year if not studying abroad)	
	Core	RE 475: Literacy in the Content Area II (also offered as a summer course)
	<p><b>Spring:</b> Take Praxis II (includes biology content) Apply to state for certification. NY and NJ (and some other states) have additional requirements, but they will hire teachers provisionally and give them a year to complete the requirements. You will not have to wait a year to get a job in those states. If you stay and teach in Maryland for 3 years and earn tenure, most other states will not require any additional tests/portfolios/etc. You should check with the state you want to teach in; requirements keep changing.</p>	