

Catalog Year 2011-12

Recommended Schedule for B.S. in Biology with Emphasis in Cell and Molecular Biology (63 hours)

<p>Fall Year 1 Bio 111 (4) Chem 115 (4) FYS 101 (1)</p> <p>Remaining hours: (7-9) Gen Ed Reqs Free Electives</p>	<p>Spring Year 1 Bio 112 (4) Chem 116 (4) (optional, but highly recommended)</p> <p>Remaining hours: (8-10) Gen Ed Reqs Free Electives</p>	<p>Summer Year 1</p>	<p>Fall Year 2 Bio 208 (4) Chem 231 (4) Phys 111 (4) or Bio 343 (4) (recommended elective for PreMed) Remaining hours: (5-7) -Gen Ed Reqs -Cell/Molec core/electives -Free Electives</p>	<p>Spring Year 2 Chem 331 (4) (optional, but highly recommended) Phys 112 (4) or Bio 344(4) Remaining hours: (5-7) -Gen Ed Reqs -Cell/Molec core/electives -Free Electives</p>	<p>Summer Year 2 Summer Internship (recommended)</p>
<p>Fall Year 3 Chem 345 (4) Phys 111 (4) or Bio 343(4) (recommend. elect.) Remaining hours:(5-7) Options: -Gen Ed Reqs -Cell/Molec core/electives -Free Electives</p>	<p>Spring Year 3 Bio 351 (4) Bio 319 or 489 (3)* Phys 112 (4) or Bio 344(4) Remaining hours: (5-7) -Gen Ed Reqs -Cell/Molec core/electives -Free Electives</p>	<p>Summer Year 3 Summer Internship (recommended)</p>	<p>Fall Year 4 Complete degree program</p> <p>Remaining hours: (16-18) -Gen Ed Reqs -Cell/Molec core/electives -Free Electives</p>	<p>Spring Year 4 Bio 489 or 319 (3)* Complete degree program</p> <p>Remaining hours: (13-15) -Gen Ed Reqs -Cell/Molec core/electives -Free Electives</p>	<p>Summer Year 4</p>
<p>Gen Ed Reqs not met by B.S. Bio History (3) Oral Communication (3) Composition (Eng 102) (3) Literature (Eng 201) (3) Fine Arts (6) Biblical Literacy (6) (from Rel101,121 & 131) Theo 210 (3) Global/Multicultural Study (3) SocSci (6) Health & Hum. Perform. (2) Supplemental Gen Ed Reqs 1. One additional Global Multicultural (GMC) course 2. Service Learning (SL) course 3. Writing Intensive (WI) course 4. FinL 100 and FinL 400 (these are online courses in financial literacy)</p>	<p>Biology Core Bio 111 Bio 112 (4) Bio 208 (4) Math 122 (3) Phys 111 (4) Phys 112 (4) Chem 115 (4) Chem 231 (4) Bio 399 (3) OR approved internship Math 182(3) or Math 184(4) Note: Math 184 is offered in the fall and Math 182 is offered in spring</p>	<p>Cell/Molec. Bio emphasis Core plus Bio 344 (4) Bio 319 (3)* Bio 351 (4) Bio 489 (3)* Chem 345 (4) Bio electives (8) *Bio 319 and 489 are offered in alternating springs; students should take whichever one is offered spring of junior year and then the other spring of senior year</p>	<p>Recommended Cell/Molec. Electives: Bio 271 (3) Bio 343 (4) Bio 371 (3) Bio 450 (3) Bio 499 Honors Bio.- Medical Terminology (2)</p> <p>Note: This is the preferred emphasis for Pre-Med students, these students are encouraged to take the above courses; other biology course offerings will also fulfill elective requirements</p>	<p>Chemistry minor (Optional) Chem 115 Chem 116 Chem 231 Chem 331 Chem 345</p> <p>Note: Pre-Med students are expected to take Chem 116 and Chem 331; Pre-Med students who choose this emphasis will automatically earn a minor in Chemistry</p>	

Completing the above requirements will meet the requirements for a B.S. in Biology with an emphasis in Cell and Molecular Biology under the 2011-12 catalog.