### Specific Requirements:

#### Cell and Molecular:
- 2202 - Cell Biology (3)
- 2206 - Special Topics in Biochem (2)
- 2207 - Genetics (3)
- 2208 - Genetics Laboratory (1)
- 2213 - Biology of Cancer (3)
- 2214 - Developmental Biology (4)
- 3209 - Molecular Biology (4)
- 3210 - Nanobiotechnology (3)
- 3211 - Nanobiotechnology lab (1)
- 3212 - Immunology (3)
- 3261 - Cell Biochemistry (4)
- 3262 - Cell Biochemistry lab (2)
- 3263(W) - Special Topics in Biochemistry (3)

#### Suborganismal and Organismal:
- 2305 - Plant Biology (3)
- 2318 - Histology (4)
- 2322 - Human Physiology (3)
- 2323 - Human Physiology Lab (1)
- 2330 - Invertebrate Zoology (4)
- 2332 - Comparative Vertebrate Anatomy (4)
- 2337 - Introductory Microbiology (4)
- 2339 - Parasitology (4)
- 2340 - Taxonomy of Flowering Plants (4)
- 3320 - Human Neurobiology (3)
- 3321 - Comparative Endocrinology (3)
- 3325 - Environmental Physiology (3)

#### Ecology and Evolution:
- 2450 - Organic Evolution (3)
- 2451 - Paleontology (3)
- 2452 - Animal Behaviour (3)
- 2454 - General Ecology (4)
- 2455 - Plant Ecology (4)
- 2458 - Field Botany (4)
- 2467 - Marine Biology (3)
- 3456 - Animal Ecology (4)
- 3457 - Aquatic Ecology (4)
- 3460 - Conservation Biology (3)
- 3461 - Plant - Animal Interactions (3)
- 3462 - Plant-Animal Interactions Laboratory (1)
- 3463 - Ecological & Evolutionary Genetics (3)

#### Electives (other courses):
- 4171(W) - Undergraduate Research (arr.)
- 4172/73/74 - Independent Study (2)
- 0801W - Biotechnology (3)
- 2581 - Human Anatomy (3)
- 2583 - Biology of Proteins (3)
- 2584 - Bioinformatics (3)

*6000-level (graduate) courses taken for undergraduate credit*

### Other Useful Information:

**Honors**
- *At least 3.5 GPA in Major*
- *Cumulative overall 3.0 GPA*
- *Qualifying students will submit a written proposal outlining their experimental research project and then complete the project under the direction of a faculty member (BiSc 4171). The results of these projects, is a written honors thesis and an oral presentation to the entire departmental faculty.*

### Questions?

**Contact Information:**

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**Undergraduate Advisor:**
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Bell 101A
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General Requirements:

Major
* Introductory Biology, Bisc 1111 & 1112
* Chemistry (Chem 1111 & 1112, 2151-54)
* 12 credits split evenly between the three areas listed within --- 3 courses must have labs
* Up to 6 credits of research:
  BiSc 4171, 4172, 2580-2584, or 6000 level courses

BA: 24 hours, Upper level BiSc credits
BS: 30 hours, Upper level BiSc courses
  Physics (Phys 1011-12, or 1021-22)
  3 hours of Math or Statistics

Fifth Year Masters
* 6 Graduate Credits
* Contact BiSc Graduate Advisor in Junior year to apply

Minor
12 hours of 2000 and above BiSc courses
* Research & independent study do not apply