## Physiology Courses
- Organismal Physiology (Bio 2601A/B)
- Animal Physiology I (Bio 3601A/B)
- Animal Physiology II (Bio 3602A/B)
- Ecophysiology of Plants* (Bio 3603A/B)
- Advanced Plant Physiology (Bio 3660A/B)
- Advanced Developmental Biology* (Bio 4338F/G)
- Thermal Physiology (Bio 4602F/G)
- Environmental Plant Physiology (Bio 4608F/G)
- Physiology of Animal Migration (Bio 4611F/G)

## Cell Biology Courses
- Cell Biology Laboratory* (Bio 3338A/B)
- Developmental Biology (Bio 3338A/B)
- Molecular Cell Biology of Stress (Bio 3355A/B)
- Independent Study in Biology (Bio 4970F/G)
- Honours Research Thesis - All Streams (Bio 4999E)

## Organismal Courses
- Ecology (Bio 2483A/B)
- Evolution of Plants (Bio 3404A/B)*
- Flora and Vegetation of Ontario (Bio 3403A/B)*
- Aquatic Ecology (Bio 3415F/G)
- Global Change Biology (Bio 3425F/G)
- Animal Ecology* (Bio 3435F/G)
- Ecology of Populations (Bio 3440A/B)*
- Conservation Biology (Bio 3442F/G)
- Molecular Ecology (Bio 3444F/G)
- Community Ecology (Bio 3445F/G)*
- Evolutionary Genetics (Bio 3466A/B)*
- Chemical Ecology (Bio 3475A/B)
- Ecosystem Health (Bio 4230A/B)
- Ecosystem Ecology* (Bio 4405F/G)
- Insect Biology* (Bio 4420A/B)
- Behavioral Ecology* (Bio 4436F/G)
- Seminar in Ecology and Evolution (Bio 4944F/G)

## Genetics Courses
- Principles of Human Genetics (Bio 3592A/B)
- Genetic Engineering (Bio 3593A/B)
- DNA: Genome Organization, Mutagenesis and Repair (Bio 3594A/B)
- Advanced Genetics (Bio 3595A/B)
- Genomics and Beyond: A Laboratory Course (Bio 3596A/B)*
- Regulation of Gene Expression (Bio 3597A/B)
- Behavioural Genetics (Bio 3598A/B)
- Genome Biology (4515A/B)
- Developmental Genetics (Bio 4540F/G)
- Human Molecular Genetics (Bio 4560A/B)
- Genes and Genome I (Bio 4561F/G)
- Genes and Genome II (Bio 4562A/B)
- Genome Evolution (4563F/G)
- Techniques in Genetics (Bio 4583A/B)*
- Seminar in Genetics (Bio 4950F/G)

## Ecology Courses
- Environmental  Plant Physiology (Bio 4608F/G)
- Animal Ecology* (Bio 3435F/G)
- Animal Diversity (Bio 3229F/G)*
- Animal Behaviour (Bio 3436F/G)*
- Patterns in the Diversity of Life (Bio 3484A/B)
- Plant Pathology (Bio 4218A/B)*
- Restoration Biology (4410F/G)
- Marine Environments (Bio 4223F/G)
- Field Studies in Biology (Bio 4257Z)*
- Field Studies in Biology (Bio 4258Z)*
- Research Hypothesis Testing (Bio 4259F/G)*

## Other Courses
- Microbiology
- Immunology
- Virology

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### Course Listings

**Department of Biology**

**Western University**

- Analysis and Interpretation of Biological Data (Bio 2244A/B)
- Scientific Method in Biology (Bio 2290F/G)
- Environmental Biology (Bio 2485A/B)
- Selected Topics (Bio 3222F/G)
- Field Research in Biology (3230F/G)
- Cellular Systems Biology (4260A/B)
- Biosystematics and Phylogenetics (Bio 4289A/B)*
- Seminar in Biology (Bio 4920F/G)
- Synthetic Biology (4998E)

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*Not all courses are offered every year.

* indicates a lab course

- Biocore: 2244a/b, 2290F/G, 2382A/B, 2483A/B, 2581A/B & 2601A/B

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Check Timetable for additions/changes & Selected Topics.

Check online timetable for term course is offered.