



FACULTY OF SCIENCE

# BIOLOGY

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Biology is the study of any form of life, from the DNA molecule to the interactions of organisms within the various ecosystems of the earth.

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Biology is a broad discipline, which includes the subject areas of botany, zoology, microbiology, cell biology, ecology, and genetics. It examines all life forms from the simple to the complex, and is an ideal partner to study in chemistry, physics, and mathematics. If you have an aptitude for science and possess a keen desire to understand the living world, you will find the study of biology very rewarding.

## MORE SAMPLE COURSES

- Cell Biology
- Microorganisms and Disease
- Comparative Animal Physiology
- Parasites and Disease
- Biology of the Vertebrates
- Human Reproductive Biology
- Forest Ecology
- Urban Forestry

## SAMPLE FIRST YEAR

BIOL-1115(3) Cells and Cellular Processes  
BIOL-1116(3) Evolution, Ecology, and Biodiversity  
CHEM-1111(3) Introduction to the Chemical Properties of Matter  
CHEM-1112(3) Basic Principles of Chemical Reactivity  
STAT-1501(3) Elementary Biological Statistics I OR\_\_ STAT-1301(3) Statistical Analysis I and  
STAT-1302(3) Statistical Analysis II  
RHET-1103(3) Academic Writing: Science or any other section of Academic Writing (if required)  
6 credit hours Humanities  
3 to 6 credit hours Electives

**NOTE:** This sample first year is representative of the courses you may take. For many of our programs, you may choose another set of courses and still be well on your way to a degree. Also, for most programs you do not have to take 30 credit hours (five full courses) in your first year.

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***“I credit a lot of my success to the personal attention and research opportunities available at The University of Winnipeg. Because this is a university with an undergraduate focus, professors are very accessible to undergraduate students.”***

-- David Selchen, (B.Sc. Biology and Psychology), Rhodes Scholar

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## REQUIRED HIGH SCHOOL COURSES

In addition to meeting The University of Winnipeg’s general admission requirements, you must have standing in Chemistry 40S and Pre-Calculus Mathematics 40S or Applied Mathematics 40S .

## HOW TO APPLY

For details on application requirements and deadlines, and to apply online, please visit: [uwinnipeg.ca/apply](http://uwinnipeg.ca/apply)

For more information contact a student recruitment officer at [welcome@uwinnipeg.ca](mailto:welcome@uwinnipeg.ca) or 204.786.9844. In any case where the University’s Academic Calendar and this fact sheet differ, the current Calendar takes precedence.

## CONTACT US

Jens Franck  
Department Chair  
P 204.789.1411  
E [j.franck@uwinnipeg.ca](mailto:j.franck@uwinnipeg.ca)

Pam Delorme  
Department Assistant  
P 204.786.9435  
E [biology@uwinnipeg.ca](mailto:biology@uwinnipeg.ca)

<http://www.uwinnipeg.ca/index/biology-index>