



THE UNIVERSITY OF WINNIPEG

# PRE-OPTOMETRY

---

Doctors of Optometry are health care professionals who diagnose, manage, and treat conditions of the human eye and visual system. The University of Winnipeg is an excellent place to fulfill the entrance requirements for optometry at the University of Waterloo or other universities across Canada

---

## YOUR EDUCATION

Years 1-3: PRE-Optometry at The University of Winnipeg

Bachelor of Science

Years 4-7: Professional Studies: Optometry

---

## PRE-PROFESSIONAL REQUIREMENTS

The courses listed on page 2 are University of Winnipeg courses which will satisfy The University of Waterloo's current entrance requirements for Optometry.

---

BIOL-1115(3) Cells and Cellular Processes  
BIOL-1116(3) Evolution, Ecology, and Biodiversity  
BIOL-1112(6) Human Anatomy and Physiology  
BIOL-2902(3) Biology of Bacteria and Archaea  
CHEM-1111(3) Introduction to the Chemical Properties of Matter  
CHEM-2202(3) Organic Chemistry 1

CHEM-2502(3) Introduction to Biochemistry

Any 3 credit hour English course OR RHET-1105(3) Academic Writing  
MATH-1102(3) Basic Calculus (Terminal) OR MATH-1103(3) Introduction to Calculus I OR MATH-1101(6) Introduction to Calculus

PHIL-2202(3) Health Care and Bioethics  
PHYS-1101(6) Foundations of Physics I OR PHYS-1301(6) Introduction to Physics  
PSYC-1000(6) Introductory Psychology  
STAT-1501(3) Elementary Biological Statistics I OR STAT-1301(3) Statistical Analysis I

### **YOU SHOULD ALSO KNOW...**

OAT is required for admission to all schools and colleges of optometry in Canada and the United States The  
<https://oat.ada.org/>

www.opto.ca

---

### **REQUIRED HIGH SCHOOL COURSES**

---