HONOURS BSC OPHTHALMIC MEDICAL TECHNOLOGY

As the diagnosis and treatment of eye diseases, known as ophthalmic medicine, steadily grows in complexity, the demand for health care workers with specialized knowledge and skills in ophthalmic medical technology is growing as well. Ophthalmic medical technologists work with leading-edge equipment, including lasers and imaging systems, to provide quality patient care.

The academic training of students enrolled in the program takes place at the University of Ottawa Eye Institute, located on the general campus of the Ottawa Hospital. This program combines clinical, hands-on experience with theoretical training.

To be considered, students must have successfully completed 60 units at the university level in health science, science, or an equivalent field with a minimum CGPA of 6.0. Acceptance into this bachelor's degree program is competitive and includes an interview with the admissions committee. Spots in the program are limited and students should be aware that meeting the basic requirements does not guarantee admission to the program.

Program Requirements

Requirements for this program have been modified. Please consult the 2025-2026 calendars (https://catalogue.uottawa.ca/en/archives/) for the previous requirements.

Basis of admission		
Two full years of study in a BSc program		60 Units
Compulsory courses at the 3000 level		
OMT 3122	Ocular Anatomy and Physiology	3 Units
OMT 3123	Optics and Refraction	3 Units
OMT 3124	Introduction of Ophthalmic Diagnostic Techniques	3 Units
OMT 3125	Clinical Application I [1]	3 Units
OMT 3126	Ophthalmic Medical Subspecialties	3 Units
OMT 3127	Advanced Ophthalmic Diagnostic Techniques	3 Units
OMT 3128	Ophthalmic Basic Science Seminars [1]	6 Units
OMT 3231	Ophthalmic Technology: Basic Clinical Skills-I [1]	6 Units
Compulsory courses at the 4000 level		
OMT 4122	Auxiliary Ophthalmic Assessments	3 Units
OMT 4123	Ophthalmic Pharmacology and Microbiology	3 Units
OMT 4125	Ophthalmic Basic Science Research Project [1]	6 Units
OMT 4126	Visual Form and Function Testing	3 Units
OMT 4127	Specialized Diagnostic Techniques	3 Units
OMT 4128	The Eye in Health and Disease	3 Units
OMT 4201	Ophthalmic Technology: Basic Clinical Skills II [1]	6 Units
OMT 4224	Clinical Application-II [1]	3 Units
Total:		**120 Units**

Note(s)

[1] This course runs from September to April.