



# PHYSIOLOGY AND PHARMACOLOGY

## MSc, PhD

By pursuing your studies with the Department of Physiology and Pharmacology, you will become a member of the largest research-based medical science department at the Schulich School of Medicine & Dentistry.

You will train in an environment where there is a comprehensive focus on biological processes from the cellular-molecular level to the integrative-systemic level, and on the effects of drugs and environment agents on these processes.

### *Areas of research include:*

- Reproductive biology and endocrinology
- Cell, developmental and cancer biology
- Clinical and basic pharmacology
- Cardiovascular sciences
- Neurosciences

## CAREERS

*With your graduate training in Physiology and Pharmacology you can pursue professional school, postdoctoral research and advanced training or careers as a:*

- Industrial Specialist
- Business Consultant
- Medical Liaison
- Medical Writer
- Scientist

*Graduates from our programs have pursued careers as a:*

- Product/Development Manager at LifeLabs Medical Laboratory Services
- Research Scientist at ADME/DMPK Charles River Laboratories
- Medical Science Liaison at Novartis Oncology
- Medical Editor at Klick Health



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	MSc	PhD
TIME TO COMPLETION	6 Terms (2 years)	12 Terms (4 years) 15 Terms (5 years) – Transfer MSc to PhD or Direct Entry PhD
ADMISSION REQUIREMENTS	<ul style="list-style-type: none"> <li>Honours degree (4 year degree) or its equivalent in physiology, pharmacology, toxicology, biology or a related discipline</li> <li>Minimum academic average of 80% during the final two years of the undergraduate program</li> </ul>	<ul style="list-style-type: none"> <li>Honours degree (4 year degree) or its equivalent in physiology, pharmacology, toxicology, biology or a related discipline</li> <li>Minimum academic average of 80% during the final two years of the undergraduate program. MSc degree in one of the named disciplines, or an MD or DDS degree</li> <li>Under exceptional circumstances direct entry to the PhD program will be considered for applicants holding an Honours degree</li> </ul>
APPLICATION DEADLINES	<p><i>The Program in Physiology and Pharmacology has rolling admission dates. Complete applications are reviewed as they are received. However, here are some important dates:</i></p> <ul style="list-style-type: none"> <li><b>February 1</b> – Preferred time for application to start graduate program in the Fall Term</li> <li><b>March 1</b> – Latest date to start program in the Summer Term</li> <li><b>November 1</b> – Latest date to start program in the Winter Term</li> </ul>	
FUNDING	<p>Students may be eligible for:</p> <ul style="list-style-type: none"> <li>Base Stipend (MSc)</li> <li>Western Graduate Research Scholarship</li> <li>Ontario Graduate Scholarship</li> <li>Teaching Assistant Stipend</li> <li>Research Assistant Stipend</li> <li>Internal and External Scholarships</li> </ul>	

Students are not required to have a supervisor identified to apply to the MSc or PhD programs. If a student is accepted into the Program, matching with a supervisor will be the next step. However, we strongly encourage students to get in touch with faculty members as potential supervisors to learn more about their research and identify a potential fit. Please visit our website at [schulich.uwo.ca/physpharm](http://schulich.uwo.ca/physpharm) or send us an email at [gradstudies@schulich.uwo.ca](mailto:gradstudies@schulich.uwo.ca) for more information.