

GRADUATE STUDIES 2023/24 INFORMATION SHEET

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

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 or send us an email at gradstudies@schulich.uwo.ca for more information.