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
# Physiology and Pharmacology

## Time to Completion

<table>
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<tr>
<th>MSc</th>
<th>PhD</th>
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<tr>
<td>6 Terms (2 years)</td>
<td>12 Terms (4 years) 15 Terms (5 years) – Transfer MSc to PhD or Direct Entry PhD</td>
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## Admission Requirements

- 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

- 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

- 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

Students may be eligible for:
- 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](http://schulich.uwo.ca/physpharm) or send us an email at gradstudies@schulich.uwo.ca for more information.