Dear interested candidate:

Thank you for your interest in Graduate Studies in the Department of Pathology at Dalhousie University.

Our department offers research-intensive MSc and PhD programmes that give learners the opportunity to work alongside world-class researchers and faculty. Our MSc and PhD candidates also engage in coursework that supports the excellent research projects the candidates are pursuing. Dedicated funding, focused students and internationally recognized faculty members allow us to make great strides in pathology research.

Our core areas of research focus include:

- Pathobiology of Cancer
- Hematological Pathology
- Human Genomics
- Pathology of the Eye and Nervous System
- Transplant Pathology
- Pathology of Infectious Disease and the Immune System
- Molecular Diagnostics and Biomarkers
- Tumour and Other Sample Banking
- Myeloma Genomics

### Application to MSc or PhD programme

Admission to the graduate programme is based on an evaluation by the Faculty of Graduate Studies, the departmental Graduate Studies Committee, and on acceptance of the candidate by a research supervisor. **Students CANNOT be admitted until an eligible supervisor has been identified.** Students are selected primarily on the basis of their potential for scientific achievement.

It is in applicant's best interest to have a supervisor prior to applying for Pathology. Students cannot be admitted into the Graduate programmes until an eligible supervisor is identified. Please note that attachments will not be read by the Graduate Studies Committee before a formal application is received. Eligible applicant must supply all required documents with their application.

The application for both M.Sc. and Ph.D. should include:

- Completed application form from Faculty of Graduate Studies
- CV
- Letter of Intent
- Letter of Research Interest
- Letter of Research Experience
- 2 Academic Reference letters
- Official Undergraduate Transcripts {Please note that all transcripts will ONLY be accepted if received in a signed/sealed envelope from the University/College's Registrar's Office.}
- Copy of Graduate Certificate (if graduated)
- English Language test score (if applicable)
- Application fee payment required by Faculty of Graduate Studies

You may wish to visit our website: <u>http://pathology.medicine.dal.ca/</u> where application forms are downloadable or visit the Registrar's Office website: <u>http://www.registrar.dal.ca/home.htm</u> to complete an on-line admission form.

A list of potential supervisors is available upon request.

# M.Sc. in Pathology

Preference for admission to the programme is given to applicants with an Honours B.Sc. (or equivalent) and is based on the applicant's potential for research as indicated by academic performance, and if possible, by previous research experience. Candidates holding a medical degree may also be admitted. Minimum requirements will normally include a minimum average of A- in the last year of studies and minimum cumulative GPA of 3.7. Exceptions may be made in special cases, and there are provisions for "special" and "qualifying year" students.

# Ph.D. in Pathology

Pre-requisite for acceptance into this programme is an M.Sc. degree in Pathology or other Life Sciences field or an M.D. degree with research experience.

Students entering from a B.Sc. would first enter the M.Sc. programme but could transfer to the Ph.D. programme before completing the M.Sc. provided that the student had made satisfactory progress and the project had sufficient scope and depth.

PhD candidates are required to pass both a written and oral comprehensive examination midway through their programme. Completion of the programme requires the preparation and oral defense of his/her thesis describing an extensive original investigation. The typical time to completion for a PhD ranges from 4-6 years.

# **Financial Aid**

A limited number of scholarships are available to qualified candidates.

Our programme, being rather small, is highly competitive. Graduate students may also be supported by scholarships or fellowships from national or specialized granting agencies as well as by research awarded to faculty members.

Deadlines for application, for consideration of admission:

For September	April 1 for non-Canadian application June 1 for Canadian
For January	August 31 for non-Canadian October 31 for Canadian
For May	December 31 for non-Canadian February 28 for Canadian

#### Re TOEFL:

Dalhousie University's Registrar's Office admission regulations state:

As the standard language of study at Dalhousie University is English, candidates whose native language is not English must demonstrate their capacity to pursue a graduate-level programme in English before admission. The standard test is the TOEFL. The Faculty of Graduate Studies sets a minimum acceptable score of 580 for the written TOEFL and 237 for the computer, but some programmes within the Faculty of Graduate Studies set a higher minimum (especially if the students are expected to be Teaching Assistants, in which case a written TOEFL of at least 600 is normally required). It is also recommended that potential students taking the non-computer TOEFL test should also take the Test of Written English (TWE) component. The following other tests will also be accepted with the following minimum scores: MELAB, 90; IELTS, 7, CanTest, average of at least 4.5 with no band score lower than 4.0; CAEL, 60 overall, with no band score lower than 50. The TOEFL requirement is waived if the applicant has completed a degree at an institution where the language of instruction is English.

Please note that enquiries are answered in priority by Email, long distance phone calls **cannot** be returned.

#### Further information may be obtained from:

Test of English as a Foreign Language (TOEFL) TOEFL/TSE Service, P.O. Box 6151, Princeton, NJ, USA 08541, toefl@ets.org, www.toefl.org

How to Apply and Process of Admission - <u>https://www.dal.ca/faculty/gradstudies/graduate-programs-admissions/admission\_requirements/admission\_process.html</u>

Programs and Admissions - <u>https://www.dal.ca/faculty/gradstudies/graduate-programs-</u> admissions.html

Admission Requirements

- <u>https://academiccalendar.dal.ca/Catalog/ViewCatalog.aspx?pageid=viewcatalog&catalogid=70&chapte</u> <u>rid=3720&loaduseredits=False</u>

#### Admission Requirements for Graduate Programs

- <u>https://academiccalendar.dal.ca/~/Catalog/ViewCatalog.aspx?pageid=viewcatalog&catalogid=70&topi cgroupid=15027</u>

Online Application for Admission - https://dalonline.dal.ca/PROD/bwskalog.P\_DispLoginNon

International Students - http://www.dal.ca/admissions/international\_students.html

### **Tuition Fee Schedule**

- http://www.dal.ca/admissions/money\_matters/tuition\_fees\_costs/fee\_schedules.html

Cost and Funding - https://www.dal.ca/faculty/gradstudies/funding.html