Medical Sciences MMSc Map



Applying to and Navigating Graduate Studies

GRAD MAP FOR MMSc STUDENTS



Why combine **MEDICINE** and **GRADUATE RESEARCH?**

The Professional Master of Medical Sciences is a new program offered through a partnership between the Department of Biomedical and Molecular Sciences (DBMS), Postgraduate Medical Education (PGME), and Undergraduate Medical Education (UGME). This program has been specifically designed for graduates of medical schools who have not yet matched to a postgraduate residency program in Canada.

The Medical Sciences program provides medical school graduates with an opportunity to enhance their clinical and research skills before applying to a postgraduate residency program. Students will build on the foundations of their medical degree in many ways. They will further develop their clinical skills in the context of the Canadian healthcare system and explore current issues in medical sciences. They'll interpret foundational research and its relationship to clinical practice, conduct research responsibly using appropriate guidelines and procedures, and apply ethical behaviours consistent with academic integrity and professional standards.



It is anticipated that the emphasis on research, clinical skills, and scholarship will enhance any future applications for residency positions through the Canadian Resident Matching Service (CaRMS).

Program **STRUCTURE**

Professional Master's (1 year). This program requires the completion of coursework (MSCI 800, 801, 802, + 1 elective) in addition to a research project. Upon completion, students who wish to pursue further training in research may opt to apply for one of the thesis-based Masters or PhD programs offered in the Faculty of Health Sciences.

Option 1: Start in July and go to June Option 2: Start in January and go to December

Program OVERVIEW

January-June July-December January-June July-December July-December Apply for postgraduate Postgraduate Medical Education Residency Program Graduate Diploma in **Medical Sciences** Apply for Master's Begin in July Faculty of Health Sciences thesis-based Master's Programs 12 credit units Complete second half of Professional Master of Postgraduate Medical Education Residency Program Medical Sciences **Professional Master of Medical Sciences** Apply for PhD programs Faculty of Health Sciences PhD programs Begin in July 24 credit units Apply for postgraduate residency or further Faculty of Health Sciences thesis-based Master's Programs graduate studies during program

Medical Sciences MMSC Map*



GETTING STARTED INTERMEDIATE STAGE WRAPPING UP ACHIEVE YOUR ACADEMIC Start to develop ideas for your Masters research project. · Develop your research project in MSCI 898. Complete your coursework. **GOALS** Start with key priorities like developing your relationship with your Attend Evidence-Based Journal Club Meetings and participate in supervisor, and doing your coursework. Facilitated Small Group Learning sessions. and faculty. Find your way through the academic process with help from Demonstrate incorporation of CanMEDS competencies in to the departmental and **Expanding Horizons** professional development clinical/simulated learning environment. workshops, the department Grad Chair and the SGS website. Meet with your academic advisor to discuss clinical placement performance. MAXIMIZE Start to think about the audiences for your research. Attend or present at a graduate conference. Ask your supervisor for RESEARCH Expanding Horizons publishing workshop. recommendations. IMPACT If you will be continuing graduate studies, apply for funding from sources such as CIHR, NSERC, OGS, the Heart & Stroke Foundation, Expand your research audience through social media (Twitter or a blog). CBCF, the Department of Defence and the American Cancer Society. · Set up a meeting with the School of Graduate Studies for a Grad Chat to most relevant. discuss your research interests. Consider putting an article in **The Conversation**. Consider participating in the 3 Minute Thesis (3MT) competition. **BUILD** Consider positions in student services, the SGPS, or media outlets like Start keeping an eportfolio of your skills, experiences and **SKILLS AND** the Queen's Journal, CFRC, Studio Q and the SGS Blog. Look in the AMS competencies. **EXPERIENCE** Clubs Directory for more ideas. interviews. Get help from a Career Services workshop. Use a Research Assistant or Teaching Assistant position to develop your Investigate internships from MITACS and other sources. Serve on departmental, faculty or university committees. Talk to the research or teaching skills. graduate representatives for tips on getting involved. For help with teaching, get support from the **Centre for Teaching and** Horizons, MITACS, or other sources to boost your skills. Check out professional development workshops from Expanding **Learning**. Enroll in SGS902 or the PUTL Certificate for more professional Horizons. development in teaching and learning. **ENGAGE** Do some targeted networking with people working in careers of **WITH YOUR** Explore how you can connect with your community through Participate in your graduate and professional community through interest, through **Queens Connects** on LinkedIn, the **Queen's Alumni** experiential opportunities on- and off-campus. activities such as graduate student outreach programs, organizing **COMMUNITY** Association, professional associations, and at conferences. Get help conferences, and research groups. Consider volunteering with different community organizations, such from a Career Services workshop. as Kingston General Hospital. Prepare for work or studies in a multi-cultural environment by taking Consider joining one of the many professional associations. the Intercultural Awareness Training Certificate hosted by QUIC and FDISC. Attend a conference in your field. If you are an international student interested in staying in Canada, consider speaking with an International Student Advisor.

LAUNCH YOUR CAREER

- Finding a career that fits starts with knowing yourself. Get help by taking a Career Services career planning workshop or meeting with a career counsellor. Check out books like So What Are You Going to do With That? or Planning a Scientific Career in Industry from the Career **Resource Area** for advice on various career options.
- Start reading publications like **University Affairs** and the **Chronicle** of Higher Education. Browse non-academic labour market websites. Stay on the lookout for special events like School of Graduate Studies Career Week to explore your career pathways.
- Check admission test deadlines if needed for further studies.

- Explore different careers of interest by using **Queens Connects** on LinkedIn to connect with Queen's alumni. Check out Career Cruising for more information.
- If you are considering a PhD, explore programs of interest reach out to faculty, and apply to PhD programs and external scholarships.

Start focusing on areas of interest. Research organizations of interest and start putting together your industry resume and beginning of your job search plan. Get help from Career Services with job searching, resumes, and interviews.

WHAT WILL I LEARN?

of information

conclusions

interactions

people and discussion

WHERE CAN I GO?

competing demands

A graduate degree in Medical Sciences can equip you with:

Knowledge and technical skills: CanMEDS Educational Framework

• Effective communication skills in

multiple forms for diverse audiences

Time management: Meet deadlines

and manage responsibilities despite

Project management: develop ideas,

gather information, analyze, critically

An understanding of ethical practices,

Leadership: initiative and vision leading

appraise findings, draw and act on

social responsiblity, responsible research and cultural sensitivity Professionalism in work, research, and

organize and synthesize large amounts

Information management: prioritize,

- Present your research project to Medical Sciences graduate students
- Consider publishing elements of your research. Learn from the
- Attend a major conference in your field. There are many to choose from, so talk to your supervisor for advice on which ones would be

Practice articulating the skills you have been developing in settings outside the university, such as casual conversation, networking, and

- Check out opportunities for extra training through CTL, Expanding

take your career in many directions. Our Master's students are equipped with a strong foundation for careers in:

A Master's degree in Medical Sciences can

- Academic and research labs Apply for residency through the Canadian Resident Matching Service (CaRMS).
- Administration in academic, health care or government settings
- Data Analysis (Heath units, government agencies)
- Health Care (Hospital clinical labs)
- Health research (research associates
- in universities, hospitals, government,
 - public health units)
- Marketing positions in private sector
- Pharmaceutical companies
- Scientific supply companies
- Teaching positions in academic institutions or the private sector
- Technical positions in academic institutions or the private sector

Graduate Studies FAQs

How do I make the most of my time at Queen's?

Use the Grad Map to plan for success in five overlapping areas of your career and academic life. Everyone's journey is different - the ideas on the maps are just suggestions to help you explore possibilities. For more support with your professional development, take advantage of the SGS professional development framework and the new <u>Individual Development Plan (IDP)</u> process to set customized goals to help you get career ready when you graduate.

Where can I get help?

Queen's provides you with a broad range of support services from your first point of contact with the university through to graduation.

Ranging from help with academics and careers, to physical, emotional, or spiritual resources – our welcoming environment offers the programs and services you need to be successful, both academically and personally. Check out the <u>SGS</u> website for available resources.

What is the Queen's graduate community like?

At Queen's, graduate students from all disciplines learn and discover in a close-knit intellectual community. You will find friends, peers and support among the graduate students enrolled in Queen's more than 130 graduate programs within 50+ departments & research centres. With the world's best scholars, prize-winning professional development opportunities, excellent funding packages and life in the affordable, historic waterfront city of Kingston, Queen's offers a wonderful environment for graduate studies. Queen's is an integral part of the Kingston community, with the campus nestled in the core of the city, only a 10-minute walk to downtown with its shopping, dining and waterfront. For more about Kingston's history and culture, see Queen's University's Discover Kingston page.

Application FAQs

What do I need to know to APPLY?

ACADEMIC REQUIREMENTS

In order to be considered for admission to the Professional Master of Medical Sciences, applicants need to hold an MD or equivalent from a medical school on the <u>International Medical Education Directory</u> and have a B+ graduating average or higher in all postsecondary education.

Instructions on how to submit all required documentation will be sent to you by email upon application submission.

REQUIRED DOCUMENTS

Applicants must submit:

- Official transcripts from all postsecondary education;
- Personal Statement indicating the alignment of the applicant's background and career aspirations with the objectives of the program;
- Curriculum Vitae:
- 2 references from individuals familiar with the candidates academic and/or clinical performance; and a
- Medical Student Performance Record or Dean's Letter.

All Applicants must submit their score reports on both Medical Council of Canada Qualifying Examination (MCCQE) Part 1 and National Assessment Collaboration (NAC) examination. Applicants may submit the Medical Council of Canada Evaluating Examination (MCCEE) in place of the MCCQE part 1.

ADDITIONAL REQUIREMENTS

While proof of English language proficiency is not required, a thorough understanding, as written, is essential. It is strongly suggested that applicants also review requirements for admission to residency programs and to the School of Graduate Studies.

Please note that these requirements are higher than the minimum standards set by the School of Graduate Studies. As these students will be involved in observing the clinical care of patients, and participating in the clinical team discussion about the investigation and management of their clinical problems and in the clinical assessment of standardized patients, a thorough understanding and ability to communicate in English is essential.

The APPLICATION PROCESS

STEP 1: Submit your online application via the School of Graduate Studies.

STEP 2: Once you have submitted your application, read instructions on how to submit all required documents.

STEP 3: Submit all required documents to the School of Graduate Studies. After review of the complete application, competitive candidates will be invited for an interview with the Medical Sciences Program (via Zoom).



SCHOOL OF MEDICINE

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