Application FAQs

What do I need to know to APPLY?

ACADEMIC REQUIREMENTS
- Recognized BSc degree with a background in Biology or Health Sciences or equivalent professional degrees (BNSc, BSc PT).
- Grade requirements: Minimum B+ over 2nd to 4th years, over all courses taken.

ADDITIONAL REQUIREMENTS
- If English is not a native language, prospective students must meet the English language proficiency requirements in writing, speaking, reading, and listening.
- If required, TOEFL scores of 550 (paper-based) or TOEFL iBT minimum scores of: writing (24/30), speaking (22/30), reading (22/30), listening (20/30), for a total of 88/120. Applicants must have the minimum score in each test as well as the minimum overall score.

KEY DATES & DEADLINES
- Application due: February 15.
- Short listed candidates will be interviewed in April for a September start.

KEY DATES & DEADLINES
- Funding for students enrolled in our MSc, Anatomical Sciences program is variable. Before you start your application, please review the Graduate studies application process.

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 SGS HABITAT for available resources.

What is the 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.

Why GRADUATE STUDIES IN ANATOMICAL SCIENCES?
The Department of Biomedical and Molecular Sciences at Queen's University offers a 16 month Master of Science program in Anatomical Sciences.

This program is structured around three pillars of competency (content, pedagogy, inquiry) and designed to educate students interested in the art of teaching and designing curricula in the anatomical sciences. Graduates of our MSc Anatomical Sciences program have pursued careers at both Canadian and foreign colleges and universities as health services education co-ordinators or have gone on to further their education as medical students or PhD students.

Why QUEEN'S?
At Queen's, our established strengths are in the areas of cancer, injury, disability, and mental health epidemiology as well as research in various health services contexts including public health, primary care, cancer care and critical care. We also have some emerging strengths in the areas of Northern health, Aboriginal health, and global health studies.

Course WORK
- Principles of Teaching & Learning
- Microteaching
- Curriculum Design
- Advanced Gross Anatomy
- Advanced Topics in Embryology
- Advanced Topics in Neuroanatomy
- Advanced Topics in Histology & Histology Techniques
- Independent Studies in Anatomy & Cell Biology/Pedagogy

PRACTICUM
- Embalming Techniques
- Freeze Drying Techniques
- Plastication Techniques
- Museum Specimen Production
- Electronic Media
- Digital Imaging Techniques for Gross Anatomy
- Neuroanatomy
- Histology
- Lecturing & Demonstrating

GRAD MAP
• Principles of Teaching & Learning
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My Grad Map
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• Microteaching
• Curriculum Design
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APPLY
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• Advanced Topics in Histology & Histology Techniques
• Independent Studies in Anatomy & Cell Biology/Pedagogy

MOLECULAR SCIENCES
BIOMEDICAL & MOLECULAR SCIENCES
Department of Biomedical & Molecular Sciences
dbms.queensu.ca

EMILY GREENWOOD
Program Assistant
Department of Biomedical & Molecular Sciences
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“Since you are going to be in a small cohort, it’s important to really get to know your programmate,” said Maria Komisarenko, Class of 2011.

This program is one of the most well rounded and well equipped of its kind. It presents students with an array of opportunities for skill development, and the people that are/or have been a part of it are the testament to this fact. While challenging at times, the knowledge and experiences you gain are totally worth it.”

– Maria Komisarenko, Class of 2011
Anatomical Sciences MSc MAP *

**GETTING STARTED**

- Begin your coursework.
- Find your way through the academic process with help from departmental and Expanding Horizons professional development workshops, the department Grad Chair and the SGS Habitat.

**INTERMEDIATE STAGE**

- Continue your core coursework and choose electives that deepen knowledge and skills in your areas of interest.
- Begin your MSc (AS) project.
- Apply to various practicum placement opportunities or negotiate your own placement.
- Check out professional development workshops from Expanding Horizons.
- Start keeping an ePortfolio of your skills, experiences and competencies.
- Seek opportunities to deepen your public health experience and connections.
- For help with teaching, get support from the Centre for Teaching and Learning. Enroll in SS5902 or the PUTL certificate for more professional development in teaching and learning.

**WRAPPING UP**

- Complete your course work.
- Finalize your MSc (AS) project.
- Practice articulating the skills you have been developing in different forums: casual conversation, networking, interviews. Get help from a Career Services workshop.
- Check out opportunities for extra training through CTL, Expanding Horizons, MITACS, or other sources to boost your skills.
- Do some targeted networking with people working in careers of interest, through QueensConnects on LinkedIn, the Queen’s Alumni Association, professional associations, and at conferences. Get help from a Career Services workshop.

**WHAT WILL I LEARN?**

A graduate degree in Anatomical Sciences can equip you with valuable and versatile skills, such as:

- Knowledge and technical skills
- Effective communication skills in multiple forms for diverse audiences
- Information management: prioritize, organize and synthesize large amounts of information
- Time management: meet deadlines and manage responsibilities despite competing demands
- Project management: develop ideas, gather information, analyze, critically appraise findings, draw and act on conclusions
- Creativity and innovation
- Independence and experience as a collaborative worker
- Awareness, an understanding of sound ethical practices, social responsibility, responsible research and cultural sensitivity
- Professionalism in all aspects of work, research, and interactions
- Leadership: initiative and vision leading people and discussion

**WHERE CAN I GO?**

A Master’s degree in Anatomical Sciences can open doors to a variety of careers in many directions. Our Master’s students are equipped with a strong foundation for careers in:

- Data Analysis (Health units, government agencies)
- Health research (research associates in universities, hospitals, government, public health units)
- Project management in pharmaceutical and scientific research industries
- Academic and research labs
- Scientific supply companies
- Teaching positions in academic institutions or the private sector
- Technical positions in academic institutions or the private sector
- Corporate careers

Taking time to explore career options, build experience, and network can help you have a smooth transition to the world of work after graduation.

Visit careers.queensu.ca/gradmaps for the online version with links!