A Master's degree in Biomedical & Molecular Sciences can take your career in many directions. Many of our MSc students choose to continue their academic inquiry with a PhD. Our Master's students are equipped with a strong foundation for careers in:

- Health Care (Hospital clinical labs)
- Pharmaceutical companies
- Academic and research labs
- Scientific supply companies
- Administration in academic, health care or government settings
- Teaching positions in academic institutions or the private sector
- Technical positions in academic institutions or the private sector
- Marketing positions in private sector

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

### M.Sc. Career Outcomes in Health Sciences

- **Government, Nonprofit, Community, Public Service**: 37%
- **Business & Corporate**: 22%
- **Faculty**: 11%
- **Teaching, Research**: 3%
- **Other**: 23%

## Biomedical & Molecular Sciences M.Sc. Map

**Navigating Graduate Studies and Beyond**

### How to USE THIS MAP?

1. **Before you start your application, please review the Graduate studies application process.**
2. **How do I find a supervisor?**

   - **We encourage you to identify an area of research interest and contact a potential supervisor before applying.**

   - **Visit the Biomedical and Molecular Sciences website to read faculty profiles** and learn more about faculty members’ research areas and research projects. When you find a faculty member with similar research interests to yours, contact him/her and tell them about your interest in graduate work and related experience.

### What about funding?

1. **Master’s students in Biomedical and Molecular Sciences are offered a minimum funding of $19,000 per year. As part of the minimum funding package, you may receive a Teaching Assistant for at least one term per year.**

2. **Apply for external funding from OGS, CIHR/NSERC and others. Queen’s will automatically issue a $5,000 top-up to Master’s students of federal government tri-council awards. See the School of Graduate Studies for more information.**

See the Biomedical and Molecular Sciences Graduate Student Handbook for more detailed information about the program.
**GETTING STARTED**

- Start with key priorities like developing your relationship with your supervisor, forming your committee, and doing 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.
- Complete WHMIS hazard training.

**MAXIMIZE RESEARCH IMPACT**

- Start to think about the audiences for your research.
- If you will be continuing graduate studies, apply for funding from sources such as CHaN, NSERC, OGS, the Heart & Stroke Foundation, CRCB, the Department of Defence and the American Cancer Society.
- Attend or present at a graduate conference. Ask your supervisor for recommendations.
- Consider participating in the 3 Minute Thesis (3MT) competition.
- Expand your research audience through social media such as Twitter or a blog.

**BUILD SKILLS AND EXPERIENCE**

- Consider positions in student services, the SAGS, or media outlets like the Queen's Journal CFRC TV and the SGS Blog. Look in the AMS Clubs Directory for more ideas.
- Serve on departmental, faculty or university committees. Talk to the graduate representatives for tips on getting involved.
- Check out professional development workshops from Expanding Horizons and the Rehabilitation Development Department.
- Participate in your graduate and professional community through activities such as graduate student outreach programs, organizing conferences, and research groups like Material Matters.
- Prepare for work or study in a multi-cultural environment by taking QIRC's Intercultural Competency Certificate.
- If you are an international student interested in staying in Canada, consider speaking with an International Student Advisor.

**ENGAGE WITH YOUR COMMUNITY**

- Explore how you can connect with your community through experiential opportunities on- and off-campus.
- Consider volunteering with different community organizations, such as Kingston General Hospital.
- Explore different careers of interest by reading alumni profiles on the SGS website, and using QueenConnects on LinkedIn to connect with Queen's alumni, or find alumni in various careers through Ask an Alum.
- Check out the free online modules like MyGradSkills to help you plan your career.
- If you are considering a PhD, explore programs of interest reach out to faculty, and apply to PhD programs and external scholarships.

**LAUNCH YOUR CAREER**

- Finding a career that fits starts with knowing yourself. Get help by taking the Career Services Career Planning workshop or meeting with a career counselor. Check out books like So What Are You Going to Do With That? 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 Graduate Student Career Week, MSc. MAP to explore your career pathways.
- Participate in hiring committees and attend job talks. Start focusing on areas of interest. Research organizations of interest and start putting together your CV or resume for potential positions of interest. Get help from Career Services with job searching, resumes, or interviews.
- Consider volunteering with different community organizations, such as the Rehabilitation Science Department.
- Investigate internships from Center for Teaching and Learning or the 3 Minute Thesis (3MT) competition.
- Explore how you can connect with your community through experiential opportunities on- and off-campus.
- Make connections with people working in careers of interest. Consider publishing elements of your research. Learn from the Expanding Horizons Publishing workshop.
- Start reading publications like Material Matters.

**INTERMEDIATE STAGE**

- Complete your coursework; begin to research and write your thesis.
- If working with animals, students must take an introduction course to animal care (O&M 799).
- Take the Lab Safety Training course and AODA training.
- Attend the departmental seminar program (BMED 860).
- Practice articulating the skills you have been developing in settings outside the university, such as casual conversation, networking, and interviews. Get help with the Skills and Experience workshop.
- Consider publishing elements of your research. Learn from the Expanding Horizons Publishing workshop.
- Complete WHMIS hazard training.
- Complete the Fundamentals of Academic Research course (BMED 860).
- Investigate internships from CFRC and the Rehabilitation Science Department.
- Complete the PUTL certificate.
- Complete and defend your Master's research thesis.

**WRAPPING UP**

- Present your research to Biomedical and Molecular Sciences graduate students and faculty.
- Complete and defend your Master's research thesis.
- 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 most relevant.
- Practice articulating the skills you have been developing in settings outside the university, such as casual conversation, networking, and interviews. Get help with the Skills and Experience workshop.
- Check out opportunities for extra training through CTL, Expanding Horizons, MSc., or other sources to boost your skills.
- Investigate internships from MyGradSkills and other sources.
- Complete admission test deadlines if needed for further studies.
- If you are an international student interested in staying in Canada, check admission test deadlines if needed for further studies.
- If you will be continuing graduate studies, apply for funding from sources such as CHaN, NSERC, OGS, the Heart & Stroke Foundation, CRCB, the Department of Defence and the American Cancer Society.
- Attend or present at a graduate conference. Ask your supervisor for recommendations.
- Consider participating in the 3 Minute Thesis (3MT) competition.
- Complete your coursework; begin to research and write your thesis.

**EMPLOYABILITY SKILLS**

- Knowledge and technical skills in area of specialization.
- Communication: effective and clear in written, oral and multimedia forms, for diverse audiences.
- Information management: prioritize, organize and synthesize large amounts of information.
- Time management: meet deadlines and responsibilities despite competing demands.
- Project management: develop ideas, gather information, analyze, critically appraise findings, draw and act on conclusions.
- Creativity and innovation: to address complex, multifaceted challenges.
- Perseverance: to work through challenges to achieve desired outcome.
- Independence and experience as a collaborative worker.
- Awareness and understanding of sound ethical practices, social responsibility, research and cultural sensitivity.
- Professionalism: in all aspects of work, research, and interactions.
- Leadership: initiative and vision leading people and discussions.

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