

# The Accelerated (1 year) MSc Pathway in Chemical Biology



## Preparation for future careers

- B.Sc. degree often insufficient to secure competitive industry positions
- + Efficient preparation for the growing Canadian Biotechnology sector (BioTalent Canada: “job-opening-to-candidate ratios reaching 4:1 in some cases”).
- + Early entry into workforce
- + Possible pathway to MD/PhD program
- + Quite unique and new pathway

## Admission reqmnts.

- GPA 10+
- 12-15 U undergraduate thesis with proposed MSc supervisor
- Description of undergraduate thesis and proposed MSc project
- Apply by **November 18, 2024**



	Accelerated MSc pathway (1 year)*	Traditional MSc pathway (2 years)
<b>Start date options</b>	May 1 <sup>st</sup> September 1 <sup>st</sup>	May 1 <sup>st</sup> September 1 <sup>st</sup> <b>January 1<sup>st</sup></b>
<b>First Committee meeting</b>	Within the <b>first 2 months</b>	Within the <b>first 6 months</b>
<b>CB 700A/B</b>	In the first-year Fall and Winter semester	In the first-year Fall and Winter semester
<b>Additional 3-unit course</b>	One of the following: <ul style="list-style-type: none"> <li>• CB 702</li> <li>• An alternative 3U course</li> <li>• Advanced credit from a cross listed 400/600 level course taken in UG (approval required).</li> </ul>	One in the following <ul style="list-style-type: none"> <li>• CB 702</li> <li>• An alternative 3U course</li> <li>• Advanced credit from a cross listed 400/600 level course taken in UG (approval required).</li> </ul>
<b>Second Committee meeting</b>	<b>By the 6<sup>th</sup> month</b> (advised but optional)	<b>n/a</b>
<b>Third Committee meeting</b>	By the 10 <sup>th</sup> month	Around the 12 <sup>th</sup> month
<b>Colloquium Presentation</b>	In April of the <b>first year</b>	In April of the <b>second year</b>
<b>Thesis submission</b>	At least two weeks before the thesis oral defence	At least two weeks before the thesis oral defence
<b>Thesis oral defence</b>	Two weeks after the thesis document submission and <b>by the end of the 12<sup>th</sup> month.</b>	Two weeks after the thesis document submission and <b>by the end of the 24<sup>th</sup> month.</b>
<b>PhD transfer (if applicable)</b>	<b>By the 12<sup>th</sup> month</b>	<b>By the 22<sup>nd</sup> month</b>

# FAQs



*Q: Is it open to co-op students as well? Yes, at end of 5<sup>th</sup> year.*

*Q: Is the two-year pathway for MSc or transfer to PhD still possible? Yes*

*Q: Is TA included? Yes, 130h/yr or RA-in lieu if bought out*

*Q: Is it a research-based MSc? Yes*

*Q: Can I include my 4G12 results in my MSc thesis? No, no 'double dipping'*

*Q: Can I still apply for scholarships? Yes, by early Dec*

**Other info about the CB grad prog.? <https://chembio.mcmaster.ca/>**

**Other questions? Contact us at: [melacin@mcmcmaster.ca](mailto:melacin@mcmcmaster.ca)**