BIOCHEMISTRY, M.S.

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (http://guide.wisc.edu/graduate/#policiesandrequirementstext), in addition to the program requirements listed below.

MAJOR REQUIREMENTS

MODE OF INSTRUCTION

<table>
<thead>
<tr>
<th>Face to Face</th>
<th>Evening/Weekend</th>
<th>Online</th>
<th>Hybrid</th>
<th>Accelerated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Mode of Instruction Definitions

**Accelerated:** Accelerated programs are offered at a fast pace that condenses the time to completion. Students are able to complete a program with minimal disruptions to careers and other commitments.

**Evening/Weekend:** Courses meet on the UW-Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

**Face-to-Face:** Courses typically meet during weekdays on the UW-Madison Campus.

**Hybrid:** These programs combine face-to-face and online learning formats. Contact the program for more specific information.

**Online:** These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

Requirements Detail

- **Minimum Credit Requirement:** 48 credits
- **Minimum Residence Credit Requirement:** 42 credits

- **Minimum Graduate Coursework Requirement:** All coursework must be completed graduate-level coursework; courses with the Graduate Level Coursework attribute are identified and searchable in the university's Course Guide (https://registrar.wisc.edu/course-guide/).

- **Overall Graduate GPA Requirement:** 3.00 GPA required.

- **Other Grade Requirements:** The Graduate School requires an average grade of B or better in all coursework (300 or above, not including research credits) taken as a graduate student unless conditions for probationary status require higher grades. Grades of Incomplete are considered to be unsatisfactory if they are not removed during the next enrolled semester.

**Assessments** Upon completion of the Graduate School’s and IPiB’s minimum requirements for a master’s degree, whether to confer the degree is up to the student’s thesis advisor.

**Examinations**

**Language** n/a

REQUIRED COURSES

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOCHEM 719</td>
<td>From Atoms to Molecules</td>
<td>3</td>
</tr>
<tr>
<td>BIOCHEM/</td>
<td>Professional Responsibility</td>
<td>1</td>
</tr>
<tr>
<td>BMOLCHEM 701</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMOLCHEM 720</td>
<td>Experimental Design and Paradigms in Cellular Biochemistry and Molecular Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOCHEM 721</td>
<td>Biochemical Communication</td>
<td>2</td>
</tr>
<tr>
<td>BIOCHEM 990</td>
<td>Research or BMOLCHEM 990Advanced Biomolecular Chemistry and Research</td>
<td>Varies</td>
</tr>
</tbody>
</table>

Seminars

M.S. candidates must have successfully completed at least one semester in one of the following advanced seminars per year of graduate study.

- Any 900-level BIOCHEM or BMOLCHEM Seminar
- BIOCHEM 729 Advanced Topics (IPiB Seminar, Practicum in Undergraduate Teaching, or Responsible Conduct of Research)
- BIOCHEM/ CHEM 872 Selected Topics in Macromolecular and Biophysical Chemistry
- BMOLCHEM 675 Advanced or Special Topics in Biomolecular Chemistry
- B M E 780 Methods in Quantitative Biology
- BOTANY 950 Seminar-Plant Ecology
- LSC 875 Special Topics
- NEURODPT 675 Selected Topics in Physiology (Ion Channels Seminar)
- NUTR SCI 931 Seminar-Nutrition
- PL PATH/ BOTANY 930 Seminar-Mycology