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>Mode of Instruction</th>
<th>Face to Face</th>
<th>Evening/Weekend</th>
<th>Online</th>
<th>Hybrid</th>
<th>Accelerated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<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 typically take enough credits aimed at completing the program in a year or two.

**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

**Requirement:**

- **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.

**Required Core**

- BIOCHEM 719: From Atoms to Molecules 3
- BIOCHEM/ BMOLCHEM 701: Professional Responsibility 1
- BMOLCHEM 720: Experimental Design and Paradigms in Cellular Biochemistry and Molecular Biology 3
- BIOCHEM 721: Biochemical Communication 2
- BIOCHEM 990 or BMOLCHEM 999: Advanced Biomolecular Chemistry and Research Seminars Varies

**Seminar Requirements**

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