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>Yes</td>
<td>No</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 | 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/).

Additional Information

Assessments and Examinations: 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.

Language Requirements: 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/ BMOLCHEM 701</td>
<td>Professional Responsibility</td>
<td>1</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</td>
<td>Varies</td>
</tr>
<tr>
<td>or BMOLCHEM 999 Advanced Biomolecular Chemistry and Research Seminars</td>
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</table>

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

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.

The Graduate School requires an average grade of B or better in all coursework (300 or above, not including research credits)