

BIOCHEMISTRY, M.S.

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

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

MAJOR REQUIREMENTS

MODE OF INSTRUCTION

Face to Face	Evening/ Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	No

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> (<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 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

Code	Title	Credits
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 990	Research ¹ Advanced Biomolecular Chemistry and Research	Varies

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