

MOLECULAR AND CELLULAR PHARMACOLOGY, PHD

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum degree requirements (<https://guide.wisc.edu/graduate/#requirements>) and policies (<https://guide.wisc.edu/graduate/#policies>), 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 51 credits

Minimum Residence Credit Requirement 32 credits

Minimum Graduate Coursework Requirement 26 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: <https://policy.wisc.edu/library/UW-1244> (<https://policy.wisc.edu/library/UW-1244/>).

Overall Graduate GPA Requirement	3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: https://policy.wisc.edu/library/UW-1203 (https://policy.wisc.edu/library/UW-1203/).
Other Grade Requirements	n/a
Assessments and Examinations	Doctoral students are required to take a comprehensive preliminary/oral examination after they have cleared their record of all Incomplete and Progress grades (other than research and thesis). Deposit of the doctoral dissertation in the Graduate School is required.
Language Requirements	Contact the program for information on any language requirements.
Graduate School Breadth Requirements	Doctoral students are not required to complete a doctoral minor or graduate/professional certificate, but may do so if they wish.

REQUIRED COURSES

Code	Title	Credits
Core		
PHMCOL-M 781	Molecular and Cellular Principles in Pharmacology	4
PHMCOL-M 739	Rigor, Reproducibility and Becoming an Effective Researcher	1
STAT/F&W ECOL 571	Statistical Methods for Bioscience I	4
OBS&GYN 955	Responsible Conduct of Research for Biomedical Graduate Students	2
Research & Seminar		
Complete the following:		37
PHMCOL-M 901	Seminar and Journal Club ¹	
PHMCOL-M 990	Research ²	
Electives		
Students must take a graduate-level 3-credit course, as approved by their faculty advisor.		3
Total Credits		51

¹ Students are required to take 1 credit of seminar each fall and spring semester during enrollment as a graduate student in the program.

² Students must take research credits every semester until they meet a minimum of 51 credits. Credits will vary.