

CHEMICAL PHARMACOLOGY CERTIFICATE

General Certificate Requirements

Additional requirements for graduation can be found on the Degree/Certificate Requirements for Graduation page (<https://catalog.umn.edu/academics/graduation-requirements/>).

Unless otherwise noted in individual program requirements, a minimum grade point average of 2.00 in all work attempted at the University of Montana-Missoula is required for graduation. Please see the Academic Policies and Procedures page (<https://catalog.umn.edu/academics/policies-procedures/>) for information on how your GPA is calculated.

Courses taken to satisfy the requirements of a major, minor, or certificate program must be completed with a grade of C- or better unless a higher grade is noted in the program requirements.

Post-Secondary Certificate - Chemical Pharmacology Course Requirements

Code	Title	Hours
Complete all of the following courses:		
PHAR 421	Medicinal Chemistry I	3
PHAR 422	Medicinal Chemistry II	3
PHAR 443	Pharmacology & Toxicology I	4
PHAR 444	Pharmacology & Toxicology II	4
Complete two of the following courses:		6
CHMY 411	Advanced Organic Chemistry	
CHMY 420	Cheminformatics	
CHMY 465	Organic Spectroscopy	
Total Hours		20