

Chemical Physics Minor

University of Michigan - Department of Chemistry

The Chemical Physics minor provides concentrated exposure to physical chemical principles.

Exclusions: The Chemical Physics minor is NOT open to student's majoring in:

Chemistry	Chemical Science	Interdisciplinary Chemical Sciences
Biochemistry	Biomolecular Science	Biophysics

Prerequisites:

- AP credit for Physics (126 or 239) will fulfill the Physics requirement.

Course #	Course Description	Completed	Typically Offered	Credits
PHYS 250 OR PHYS 240	Fundamental Physics for the Life Sciences II General Physics II		<i>F,W,Sp</i> <i>F,W,Sp</i>	4 4
CHEM 262 OR MATH 215	Mathematical Methods for Chemists Calculus III		<i>F,W</i> <i>F,W,Sp,Su</i>	4 4

Minor Program requirements (18 credit hours):

Core courses

Course #	Course Description	Completed	Typically Offered	Credits
* CHEM 210	Structure and Reactivity I		<i>F,W,Sp</i>	3
CHEM 211	Investigations in Chemistry: Laboratory		<i>F,W,Sp</i>	2
CHEM 260 OR CHEM 370	Chemical Principles Physical and Chemical Principles Behind Biology and Medicine		<i>F,W</i> <i>F</i>	3 3
CHEM 461	Physical Chemistry I		<i>F</i>	3
CHEM 462	Computational Chemistry Laboratory		<i>F</i>	1
CHEM 453 OR CHEM 463	Biophysical Chemistry I: Thermodynamics and Kinetics Physical Chemistry II		<i>F</i> <i>W</i>	3 3

NOTES:

* Students who do not place into CHEM 210 are strongly recommended to take CHEM 130. CHEM 130 or AP credits earned for CHEM 130 DO NOT count toward the minor.