

Fall

Minor: Chemistry

CLARION UNIVERSITY OF PENNSYLVANIA
College of Arts, Education, and Sciences

NAME _____
CLARION ID _____
MAJOR _____

ADVISOR FOR MAJOR: _____
DATE OF ENTRY INTO MINOR: _____

ADVISOR FOR MINOR: _____

REQUIREMENTS FOR MINOR IN CHEMISTRY: Complete 18-20 CREDITS from the following 3 categories.

1. Introductory Level Courses (12 credits)	<u>CR</u>	<u>GR</u>	<u>SEMESTER COMPLETED</u>
CHEM 251: Organic Chemistry I	<u>3</u>	_____	_____
CHEM 261: Organic Chemistry I (lab)	<u>1</u>	_____	_____
CHEM 353: Analytical Chemistry I	<u>3</u>	_____	_____
CHEM 363: Analytical Chemistry I (lab)	<u>1</u>	_____	_____
CHEM 265: Inorganic Chemistry I	<u>3</u>	_____	_____
CHEM 266: Inorganic Chemistry I (lab)	<u>1</u>	_____	_____

2. Additional Introductory Level Course (3-4 credits) <i>Select one of the following options (a or b)</i>	<u>CR</u>	<u>GR</u>	<u>SEMESTER COMPLETED</u>
a. CHEM 354: Physical Chemistry I*	<u>3</u>	_____	_____
CHEM 364: Physical Chemistry I (lab)*	<u>1</u>	_____	_____
* MATH 271 (Calc II) and PH 252 (General Physics II) are prerequisite courses.			
b. BCHM 453: Biochemistry	<u>3</u>	_____	_____

3. Advanced Level Course (3-4 credits) <i>Select one of the following options (a-e)</i>	<u>CR</u>	<u>GR</u>	<u>SEMESTER COMPLETED</u>
a. CHEM 252: Organic Chemistry II	<u>3</u>	_____	_____
CHEM 262: Organic Chemistry II (lab)	<u>1</u>	_____	_____
b. CHEM 358: Analytical Chemistry II	<u>3</u>	_____	_____
CHEM 368: Analytical Chemistry II (lab)	<u>1</u>	_____	_____
c. CHEM 366: Inorganic Chemistry II	<u>3</u>	_____	_____
CHEM 367: Inorganic Chemistry II (lab)	<u>1</u>	_____	_____
d. CHEM 355: Physical Chemistry II	<u>3</u>	_____	_____
e. BCHM 454: Biochemistry II	<u>3</u>	_____	_____

Signatures (upon completion of the minor requirements):

Minor Advisor

Date

Department Chairperson

Date