

# CHEMISTRY MINOR

Minor Code: CHE

## Chemistry Department

SAMC 164

(716) 878-5204

chemistry.buffalostate.edu/ (<http://chemistry.buffalostate.edu/>)

All students interested in earning a minor in chemistry must complete one year of general chemistry and at least one semester of organic chemistry with lab. In addition, another eight (8) credit hours must be selected by advisement and in accordance with each student's background and interests. Many chemistry courses have prerequisites, so care must be taken when taking elective courses.

## Program Requirements

Code	Title	Credit Hours
<b>Required Courses (12 credit hours)</b>		
CHE 111	FUNDAMENTALS OF CHEMISTRY I	3
CHE 112	FUNDAMENTALS OF CHEMISTRY II	3
CHE 113	LABORATORY FOR FUNDAMENTALS OF CHEMISTRY I	1
CHE 114	LABORATORY FOR FUNDAMENTALS OF CHEMISTRY II	1
CHE 201	ORGANIC CHEMISTRY I	3
CHE 203	ORGANIC CHEMISTRY LABORATORY I	1
or, instead of CHE 201 and CHE 203, a student may substitute: CHE 321		
<b>Electives (8 credit hours)</b>		
Select 8 credit hours from the following:		8
CHE 202	ORGANIC CHEMISTRY II	
CHE 204	ORGANIC CHEMISTRY LABORATORY II	
CHE 301	ANALYTICAL CHEMISTRY	
CHE 310	LITERATURE OF CHEMISTRY	
CHE 315	ENVIRONMENTAL CHEMISTRY AND TECHNOLOGY	
CHE 325	MEDICATIONS	
CHE 331	PRINCIPLES OF PHYSICAL CHEMISTRY	
or CHE 307 PHYSICAL CHEMISTRY I		
CHE 306	PHYSICAL CHEMISTRY II	

CHE 307	PHYSICAL CHEMISTRY LABORATORY I	
CHE 308	PHYSICAL CHEMISTRY LABORATORY II	
CHE 322	BIOLOGICAL CHEMISTRY or CHE 471 BIOCHEMISTRY I	
CHE 360	INTRODUCTION TO INORGANIC CHEMISTRY	
CHE 403	INSTRUMENTAL ANALYSIS	
CHE 404	INSTRUMENTAL ANALYSIS LAB	
CHE 462	ADVANCED INORGANIC CHEMISTRY	
CHE 471	BIOCHEMICAL TECHNIQUES	
CHE 472	BIOCHEMISTRY II	
<b>Total Credit Hours</b>		<b>20</b>

Transfer students may apply credit taken at another institution up to a maximum of two courses (8 – 10 credits). The Department of Chemistry will be the sole judge of "equivalency."