

www.vcsu.edu - catalog.vcsu.edu - 101 College St SW, Valley City, ND 58072 - 800-532-8641 - 701-845-7202

Chemistry Minor

Code	Title	Credits
Required General Education Courses		
Select one of the following:		
PHYS 211	College Physics I	
& PHYS 212	and College Physics II	
PHYS 251	University Physics I	
& PHYS 252	and University Physics II	
Required Courses		
CHEM 121	General Chemistry I	5
CHEM 122	General Chemistry II	5
CHEM 330	Quantitative Analysis I	4
CHEM 341	Organic Chemistry I	5
Electives		
Select 5 hours f	rom the following:	5
CHEM 331	Quantitative Analysis II	
CHEM 342	Organic Chemistry II	
CHEM 360	Elements of Biochemistry	
CHEM 395	Laboratory Preparation and Management	
CHEM 411	Physical Chemistry I	
CHEM 412	Physical Chemistry II	
CHEM 425	Inorganic Chemistry	
CHEM 194	Independent Study	
CHEM 294	Independent Study	
CHEM 394	Independent Study	
CHEM 494	Undergraduate Research	
Total Credits		24

For the Bachelor of Science in Education degree, the student must substitute CHEM 490 Secondary Science Methods and Techniques if not already taken, for a directed elective.