

University Name: Winona State University

Award: BS Degree: Chemistry-General

Total Credits: 60

3 rd Year/Fall Semester		
Course No.	Course Name	Credits
CHEM 360	Chemical Information	2
CHEM 412	Physical Chemistry I	3
CHEM 413	Physical Chemistry I Lab	1
CHEM 425	Analytical Chemistry I	4
Gen Ed	Goal Area 5-10 course(s)	6
Semester Credits Total		16
Notes: MnTC Goals 1-10 must be met. If a goal area is not completed at the sending institution, it must be completed at WSU. A minimum of 40 credits of MnTC coursework is required to earn a degree. To remain at 60 credits, complete courses that meet two goal areas within Goals 5-10. WSU requires 2 credits of Physical Development & Wellness and 12 credits of upper-level intensive courses. Intensives are often included in major course requirements; check with your advisor. A minimum of 40 credits at the 300-400 level is required to earn a degree.		

3 rd Year/Spring Semester		
Course No.	Course Name	Credits
CHEM 414, 415 AND/OR	Physical Chemistry II	4-9
CHEM 426	Analytical Chemistry II	
CHEM/BIOL	300-400 level electives	3-8
Gen Ed	Goal Area 5-10 course(s)	3-6
Univ Req	Physical Development/Wellness	2-3
Semester Credits Total		16-17
Notes: Three of the following four are required: 405/406, 414/415, 426, 450. This major requires 16 credits of Chemistry/Biology electives.		

4 th Year/Fall Semester		
Course No.	Course Name	Credits
CHEM 405,406 AND/OR	Biochemistry I	4-8
CHEM 450	Advanced Inorganic Chemistry I	
CHEM/BIOL	300-400 level elective	2-4
Gen Ed	Goal Area 5-10 course(s)	3-6
Semester Credits Total		14-15
Notes: Three of the following four are required: 405/406, 414/415, 426, 450.		

4 th Year/Spring Semester		
Course No.	Course Name	Credits
CHEM 475	Seminar in Chemistry	1
CHEM/BIOL	300-400 level elective	3
Gen Ed	Goal Area 5-10 course(s)	9-10
Semester Credits Total		13-14
Notes:		