

CHEMISTRY – B.S. – 2021-22

To the student: Please make sure you are using the correct check sheet based on your enrollment year. YOU are responsible for making sure you are on the correct check sheet and completing all program requirements accurately and on time.

Min Total Hours Required: 120
Total Lib Arts Hrs Req'd: 62
Min overall GPA for mjr accept & grad: 2.0
Other: Min major GPA of 2.0
Other: No grade less than C- in major

Residence Requirements:
31 Hrs at RWC
15 Hrs in Major at RWC
Of last 31 Hrs, 24 at RWC

Name: _____

Shared Core		SHr	Grd
FYSE 1000	First Year Seminar	2	
COMP 1010	Prin Writing	3	Min C-
PHST 1300	Personal Wellness	1	
BIBL 1010	Encounter the OT	3	
BIBL 1020	Engaging the NT	3	
ECON 1050	Personal Financial Success	1	
HIST 1400	Western History Global Cont	3	
SRSE 4100	Senior Seminar	2	

Choice Core		SHr	Grd
COMP 1020	Writing & Researc	3	
PHIL 2202	Philosophical Ethics	3	
LITR 1010	Intro Literature	3	
COMM 1105	Fund of Oral Communication	3	
	Behavioral Science	3	
	Social Science	3	
N/A	Lab Science	N/A	N/A
N/A	Mathematics	N/A	N/A
	Fine Arts	4	

Foreign Language		SHr	Grd
	Foreign Language♦	3	
	Foreign Language♦	3	
	Foreign Language♦	3	

Honors program students will have substitutions for several Gen Ed courses

♦Or proficiency as outlined in the College catalog

Other Elective Credits to Reach 120 Hours		SHr	Grd

Major Requirements: 66 Hours		SHr	Grd
CHEM 1110	Principles of Chemistry I	3	
CHEM 1110 L	Principles of Chemistry I Lab	1	
CHEM 1120	Principles of Chemistry II	3	
CHEM 1120 L	Principles of Chemistry II Lab	1	
CHEM 2110	Organic Chemistry I	3	
CHEM 2110 L	Organic Chemistry I Lab	1	
CHEM 2120	Organic Chemistry II	3	
CHEM 2120 L	Organic Chemistry II Lab	1	
CHEM 2210	Analytical Chemistry	4	
CHEM 2310	Intro to Research & Sci Comm	2	
CHEM 3040	Instrumental Mthds of Anlys	4	
CHEM 3110	Physical Chemistry I	3	
CHEM 3110 L	Physical Chemistry I Lab	1	
CHEM 3120	Physical Chemistry II	3	
CHEM 3120 L	Physical Chemistry II Lab	1	
CHEM 4020	Advanced Inorganic Chemistry	3	
CHEM 4600	Chemistry Seminar	1	
CHEM 4980	Undergraduate Research	1-3	

One of the following 3000/4000-level Chemistry courses

BCHE 3050	Introduction to Biochemistry	3	
CHEM 4060	Advanced Organic Chemistry	3	
CHEM 3000	Special Topics in Chemistry	3	

Corequisites – 24 Hours

CSCI 2010	Computer Science I	4	
MATH 2281	Calculus I	4	
MATH 2282	Calculus II	4	
MATH 2283	Calculus III	4	

One of the following Physics sequences must be taken (8 Hrs)

PHYS 1001 & L	General Physics I & Lab	3,1	
PHYS 1002 & L	General Physics II & Lab	3,1	

OR

PHYS 2001 & L	Physics for Engrs/Scientists I&Lab	3,1	
PHYS 2002 & L	Physics for Engrs/Scientists II&lab	3,1	

Recommended Elective		SHr	Grd
BIOL 2000 & L	Intro to Env. Science & Lab	3,1	
MATH 2400	Elementary Statistics	3	
CHEM/BIOL/CGEO 3---, 4---	Course at AuSable Institute	4	
CHEM/BIOL/CGEO 3---, 4---	Course at AuSable Institute	4	