BACHELOR OF SCIENCE IN CHEMISTRY - PRE-MEDICINE CONCENTRATION

Summary of Graduation Requirements

Subject Area	Credits
General Education Core (https://catalog.nsu.edu/undergraduate/academic-information/general-education-core-program/)	34
Major Requirements	56
Electives	6
Other Requirements	27
Total Credit Hours	**123**

Curriculum

First Year		Credits
SEM 101 & SEM 102	Spartan Seminar 101 and Spartan Seminar 102	2
CHM 231 or CHM 231H	General Chemistry I or General Chemistry I Honors	3
CHM 231R	General Chemistry Applications I	1
CHM 221L	General Chemistry I Laboratory	1
CHM 232 or CHM 232H	General Chemistry II or General Chemistry II Honors	3
CHM 232R	General Chemistry Applications II	1
CHM 222L	General Chemistry II Laboratory	1
CSC 170	Computer Programming I	3
CSC 170L	Computer Programming Laboratory I	1
ENG 101	College English I	3
ENG 102	College English II	3
HED 100	Personal and Community Health	2
MTH 153	College Algebra & Trigonometry	3
MTH 184	Calculus I	4
PED 100	Fundametals of Fitness for Life	1
	Credits	**32**
Second Year		
SEM 201	Spartan Seminar 201	1
CHM 321	Organic Chemistry I	3
CHM 321L	Organic Chemistry I Laboratory	2
CHM 322	Organic Chemistry II	3
CHM 323L	Synthesis and Analysis in Organic Chemistry Laboratory (or CHM 323LH)	2
CHM 331	Analytical Chemistry I	3
CHM 331L	Analytical Chemistry I Laboratory	2
MTH 251	Calculus II	4
MTH 252	Calculus III	4
PHY 152	General Physics	3
PHY 152L	General Physics Laboratory I	1
PHY 153	General Physics	3
PHY 153L	General Physics Laboratory II	1
	Credits	**32**
Third Year		
ENG 285	Public Speaking	3
BIO XXX	Restricted Biology Elective	3
BIO 300 Level or higher		
HIS XXX	History from the Core	3
BIO 110 & 110L	General Biology and General Biology Laboratory	4
CHM 332	Analytical Chemistry II	3
CHM 332L	Analytical Chemistry II Laboratory	2
CHM 345	Mathematical Methods & Logic for the Physical Sciences	3
CHM 451	Chemistry Seminar I	1
CHM 361	Physical Chemistry I	3
CHM 362	Physical Chemistry II	3
CHM 363L	Physical Chemistry Laboratory	2
	Credits	**30**
Fourth Year		
CHM 497/498	Introduction to Research	1
CHM 473	Advanced Inorganic Chemistry	3
BIO XXX	Restricted Biology Elective	3
SOC 101	Introduction to the Social Sciences	3
XXX XXX	Humanities from the Core	3
XXX XXX	Cultural Elective from the Core	6
CHM 431	Biochemistry I	3
CHM 431L	Biochemistry I Laboratory	2
CHM 432	Biochemistry II	3
CHM 432L	Biochemistry II Laboratory	2
	Credits	**29**
	Total Credits	**123**