

Major Planning Worksheet

Chemistry (48 hours)

Bachelor of Science

2024-2025 Catalog

Name: _____

ID Number: _____

Planned Degree Completion Date: Mo. _____ Yr. _____

Required Courses

Hours

CHEM 111/L	General Chemistry I/Lab	3.0/1.0
CHEM 113/L	General Chemistry II/Lab	3.0/1.0
CHEM 235/L	Analytical Chemistry/Lab	3.0/1.0
CHEM 311/L	Organic Chemistry I/Lab	3.0/1.0
CHEM 312/L	Organic Chemistry II/Lab	3.0/1.0
CHEM 341/L	Physical Chemistry I/Lab (MATH 122, PHYS 210 & 220 prereq.)	3.0/1.0
CHEM 342/L	Physical Chemistry II/Lab	3.0/1.0
NASC 202	Exploring STEM Careers I	1.0
NASC 450	Senior Seminar	1.0
PHYS 210	General Physics I (MATH 121 prereq.)	4.0
PHYS 220	General Physics II	4.0

Two hours of laboratory work selected from:

CHEM 405L	Biochemistry I Lab	1.0
CHEM 441	Advanced Analytical Lab I	1.0
CHEM 443	Advanced Analytical Lab II	1.0

Six hours of electives chosen from:

CHEM 405	Biochemistry I	3.0
CHEM 406	Biochemistry II	3.0
CHEM 412	Medicinal Chemistry	3.0
CHEM 425	Advanced Organic Chemistry	3.0
CHEM 435	Advanced Inorganic Chemistry	3.0

Two Hours of experiential learning selected from:

CHEM 475	Internship	1.0-2.0
CHEM 496	Research	1.0-2.0

Notes: