Bachelor of Science in Chemistry

Major in Chemistry — Major Requirements - 12 units

Code	Title	Units
General Education Requirements		
The student must complete the General Education Requirements of the College of Arts & Sciences.		9
Major Requirements		
CHEM 141P & CHEM 142P	General Chemistry I and General Chemistry II	2
CHEM 201	Organic Chemistry I	1
CHEM 202	Inorganic Chemistry	1
CHEM 203	Physical Chemistry	1
CHEM 204	Biochemistry I	1
CHEM 205	Analytical Chemistry	1
CHEM 301	Organic Chemistry II	1
CHEM 498 & CHEM 499	Research Proposal and Senior Project	2
Select two units from the following in-depth courses:		2
CHEM 302	Biological Inorganic Chemistry	
CHEM 303	Advanced Physical Chemistry	
CHEM 304	Biochemistry II	
CHEM 305	Instrumental Analysis: Forensic Chemistry	
CHEM 306	Spectra and Structure	
CHEM 307	Nucleic Acid Structure, Function, and Metabolism	
CHEM 308	Advanced Organic Chemistry	
CHEM 309	Advanced Environmental Chemistry	
Collateral Requirements		
MATH 141Q & MATH 142Q	Calculus I with Analytic Geometry and Calculus II with Analytic Geometry	2
Select one of the following sequences:		2
PHYS 121P & PHYS 122P	College Physics I and College Physics II	
PHYS 141P & PHYS 142P	University Physics I and University Physics II	
General Electives		**7**
Total Units		**32**

General Education Requirements

All students in the College of Arts and Sciences must meet General Education requirements in addition to specific requirements within the major area of study.

Each student must complete at least four writing or writing enhanced (WE) courses to complete the University Writing Requirement. At least two of these courses must be from General Education. Based upon Admissions application information, students may be placed in ENGL 100; ENGL 100 will count toward the Writing requirement if completed with a minimum grade of C.

A single course may not be used to meet more than one of the General Education requirements, but a single course may count toward a General Education requirement and the student's major or minor requirements, as well as count as a Writing Enhanced course in the Writing requirement. Students should check with their advisor regarding the eligibility of transfer credits to meet General Education requirements after students have enrolled at Stetson. A key component of a liberal education is to learn about the modes of inquiry from a diverse set of disciplines, so no more than 3 courses used to meet General Education requirements may come from a single department and at least 16 of the 32 units required for graduation must come from departments outside the department of the major.

For many majors, certain courses outside the major field of study are required. These courses are called "collateral requirements."

A student majoring in Education may count among the 32 units as many in the major as are required for completion of an approved program for teacher certification by the State of Florida.

Code	Title	Units
Foundations [1]		
Writing Requirement		
FSEM 100	First Year Seminar	1
Quantitative Reasoning (any Q course)		1
Junior Seminar		1
Knowledge of Human Cultures and the Natural World		
Select five of the following: [2]		5
Creative Arts (any A course, or 4 - MUSC, MUSA or MUSE credit courses)		
Culture and Belief (any B course)		
Historical Inquiry (any H course)		
Individuals, Societies, and Social Systems (any S course)		
Modern Languages (any L course)		
Physical and Natural World (any P course)		
Personal and Social Responsibility		
Select any 'Stetson Values (V)' course		1
Total Units		**9**

Cultural Events/Campus Engagement

In addition to completing 32 course units, students join Stetson's intellectual and creative life outside the classroom by participating in at least 24 approved cultural events at Stetson. These events include lectures by distinguished visitors, musical performances, plays, and art shows. Students may also view the list of approved cultural events[3] under Calendar of Events at https://www.stetson.edu/other/calendar/ and selecting Deland Campus.

1 Foundation courses may not be taken pass/fail.
2 1 unit each from 5 out of the 6 areas.
3 The Calendar of Events (https://www.stetson.edu/other/calendar/) for the Deland campus identifies Cultural Events as those marked with a turquoise blue colored square in the lower-left corner of the event block.