

# CHEMISTRY, BACHELOR OF SCIENCE

## Requirements

Code	Title	Credits
<b>Core Curriculum</b>		
ENGL 1301	Composition I	3
ENGL 2311	Technical Writing	3
MATH 2313	Calculus I	3
CHEM 1311	General Chemistry I	3
CHEM 1312	General Chemistry II	3
Lang/Phil/Culture		3
Creative Arts		3
American History		3
American History		3
Government/Political Science		3
Government/Political Science		3
Social & Behavioral Sciences		3
PHYS 2325	University Physics I	3
PHYS 2326	University Physics II	3
Subtotal:		42
<b>University Requirements</b>		
UNIV 1301	First Year Seminar	3
UNIV 4101	Jaguar Tracks IV	1
Subtotal:		4
<b>Required Support Courses</b>		
CHEM 1111	General Chemistry Lab I	1
CHEM 1112	General Chemistry Lab II	1
PHYS 2125	University Physics Lab I	1
PHYS 2126	University Physics Lab II	1
MATH 2113	Calculus I Lab	1
MATH 2114	Calculus II Lab	1
MATH 2314	Calculus II	3
CSCI 1436	Programming Fundamentals I	0-4
SPCH 1315	Fundamentals of Public Speaking	3
Subtotal:		12-16
<b>Major (Required) Courses <sup>2</sup></b>		
CHEM 2123	Organic Chemistry I Lab	1
CHEM 2323	Organic Chemistry I	3
CHEM 2125	Organic Chemistry II Lab	1
CHEM 2325	Organic Chemistry II	3
CHEM 3131	Quantitative Analysis Lab	1
CHEM 3331	Quantitative Analysis	3
CHEM 4131	Instrumental Analysis Lab	1
CHEM 4331	Instrumental Analysis	3
CHEM 4201	Physical Chemistry I Lab	2
CHEM 4301	Physical Chemistry I	3
CHEM 4202	Physical Chemistry II Lab	2
CHEM 4302	Physical Chemistry II	3
CHEM 4141	Biochemistry Laboratory	1

CHEM 4341	Biochemistry I	3
CHEM 4342	Biochemistry II	3
CHEM 4190	Inorganic Chemistry Laboratory	1
CHEM 4390	Inorganic Chemistry	3
Subtotal:		37

### Electives

As needed to complete 120 credit hours (Minimum of 18 SCH of Upper Division Courses)	21
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<b>Total Credits</b>	<b>120</b>
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<sup>1</sup> An earned letter grade of C is required for this degree

<sup>2</sup> 2.75 overall GPA

## Plan of Study