

# CHEMISTRY, BACHELOR OF ARTS

## Requirements

### General Requirements

Code	Title	Credits
Core Curriculum		42
University Requirements		4
Required Support Courses		11
Major Courses		35
Electives		
<b>Total Credits</b>		<b>92</b>

- 36 upper-division credit hours required for degree
- 30 advanced hours from A&M-SA for residency
- CIP Code: 40.0501

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 1301	General Physics I	3
PHYS 1302	General 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 1101	General Physics Lab I	1
PHYS 1102	General Physics Lab II	1
MATH 2312	Pre-Calculus	3
MATH 2113	Calculus I Lab	1
SPCH 1315	Fund of Public Speaking	3
Subtotal:		11
<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 3100	Physical Chem for Life Sci Lab	1
CHEM 3300	Physical Chem for Life Sci	3
CHEM 3131	Quantitative Analysis Lab	1
CHEM 3331	Quantitative Analysis	3
CHEM 4131	Instrumental Analysis Lab	1
CHEM 4331	Instrumental Analysis	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
CHEM 4379	Selected Topics-Environ/Toxic (Additional upper division Chemistry Electives taught as Selected Topics courses)	12

Subtotal: 43

### Electives

As needed to complete 120 credit hours (Minimum of 19 SCH of Upper Division Courses) 20

**Total Credits** 120

<sup>1</sup> An earned letter grade of C is required for this degree

<sup>2</sup> 2.75 overall GPA