

Department of Science & Math 236

BACHELOR OF ARTS CHEMISTRY

GSU 100 The First Year Experience **0 hour**

All degree seeking students are required to take GSU 100 during their first semester.

General Education Requirements **30 hours**

Students must complete CHEM 101, and MATH 115 as part of the General Education requirements.

Chemistry Major Requirement **49 hours**

BIOL	120	Principles of Biology I	4
CHEM	101	General Chemistry I	
CHEM	102	General Chemistry II	4
CHEM	293	Techniques of Chemistry	1
CHEM	301	Organic Chemistry I	4
CHEM	302	Organic Chemistry II	4
CHEM	307	Inorganic Chemistry (OR)	
CHEM	380	Biochemistry I	4
CHEM	321	Analytical Chemistry I	4
CHEM	493	Senior Research Seminar	2
MATH	120	Precalculus	4
MATH	256	Probability and Statistics I	3
PHYS	201	General Physics I	4
PHYS	202	General Physics II	4
CHEM Electives (select from the following)			7
CHEM	307	Inorganic Chemistry	4
CHEM	322	Analytical Chemistry	4
CHEM	341	Nuclear Chemistry	4
CHEM	345	Introductory Physical Chemistry	3
CHEM	380	Biochemistry I	4
CHEM	381	Biochemistry II	4

Minor (hours will vary depending on minor selection) **20 hours**

General Electives (hours will vary depending on minor selection) **21 hours**

Recommended courses for graduate school in chemistry:

CHEM	322	Analytical Chemistry II	4
CHEM	345	Introductory Physical Chemistry*	3
MATH	202	Calculus I	4
MATH	207	Calculus II	4
PHYS	350	Modern Physics	3

Total minimum hours required for degree **120 hours**

GATEWAY ASSESSMENT - CHEM 293

CAPSTONE ASSESSMENT - CHEM 493

**If introductory physical chemistry is taken as one of the chemistry electives then additional hours in math courses are required as prerequisites. Introductory physical chemistry (CHEM 345) requires 4 additional hours of math (MATH 202).*

Students enrolled in chemistry courses are responsible for all lost or broken glassware and equipment. At the beginning of the semester, the student will verify that all laboratory items assigned to him/her are present and in good condition. At the end of the semester, the student must return all items in the same condition. If

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any items were lost or broken throughout the semester, the student will receive a financial statement either during the last week of classes or during the final examination period. This financial obligation must be paid to the Cashier's Office before the student can graduate. Students who fail to check out of the laboratory will be charged an additional fee.