

# Chemistry B.S. - A.C.S.-Certified Degree with a Biochemistry Concentration

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## Core Curriculum Courses

See the Core Curriculum Requirements (<http://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/>) 42

## Required Courses in the Major

CHEM 101	General Chemistry Tutorial I	1
CHEM 102	General Chemistry Tutorial II	1
CHEM 1111	General and Quantitative Chemistry Laboratory I *	
CHEM 1112	General and Quantitative Chemistry Laboratory II *	
CHEM 1311	General and Quantitative Chemistry I *	
CHEM 1312	General and Quantitative Chemistry II *	
CHEM 201	Organic Chemistry Tutorial I	1
CHEM 202	Organic Chemistry Tutorial II	1
CHEM 2123	Organic Chemistry Laboratory I	1
CHEM 2125	Organic Chemistry Laboratory II	1
CHEM 2323	Organic Chemistry I	3
CHEM 2325	Organic Chemistry II	3
CHEM 340	Quantitative & Instrumental Analysis	4
CHEM 351	Physical Chemistry	4
CHEM 352	Physical Chemistry	4
CHEM 401	GLB/Chemical Sci & Profession	2
CHEM 414	Biochemistry	4
CHEM 415	Advanced Inorganic Chemistry	4
CHEM 417	Advanced Biochemistry	3
CHEM 418	Undergraduate Research	6
CHEM 441	Instrumental Analysis	4

## Required Support Courses

BSC 303	Cell Biology	4
BSC 1406	Introductory Biology I	4
BSC 1407	Introductory Biology II	4
MATH 2413	Calculus I *	
MATH 2414	Calculus II	4
MATH 2415	Calculus III	4
PHYS 2425	University Physics I	4
PHYS 2426	University Physics II	4

**2nd Major, Minor or Electives** **10-12**

**Total Hours** **127-129**

\* These courses will satisfy the Core Curriculum Requirements in Natural Sciences and Mathematics.

A grade of "C" or higher must be earned in all courses in this Major .