

## BA in Chemistry

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This degree requires:

Course	Title	Hours
CHEM 211 & CHEM 212	General Chemistry I and General Chemistry II	10
CHEM 523 & CHEM 524	Analytical Chemistry and Instrumental Methods of Chemical Analysis <sup>1</sup>	8
CHEM 531 & CHEM 532	Organic Chemistry I and Organic Chemistry II	10
CHEM 545 & CHEM 546	Physical Chemistry I and Physical Chemistry II <sup>1</sup>	6
CHEM 547	Physical Chemistry Lab <sup>1</sup>	2
Select 5 credit hours of foreign language beyond 111–112 in one language or equivalent to 112 in two languages		5
Prerequisites for the required chemistry courses include the following courses (or their equivalents).		
MATH 112	Precalculus Mathematics	5
MATH 242	Calculus I	5
MATH 243	Calculus II	5
MATH 344	Calculus III	3
PHYS 313	Physics for Scientists I	4
PHYS 314	Physics for Scientists II	4
PHYS 315	University Physics Lab I	1
PHYS 316	University Physics Lab II	1
Total Credit Hours		69

<sup>1</sup> Students who wish to take biochemistry or inorganic chemistry may satisfy the BA requirements with one of the following three alternatives:

1. Replace CHEM 524 with CHEM 514 and CHEM 661; or
2. Replace CHEM 547 and either CHEM 545 or CHEM 546 with CHEM 514 and CHEM 661; or
3. Replace CHEM 524, CHEM 547 and either CHEM 545 or CHEM 546 with CHEM 662, CHEM 663 and CHEM 664.