

# Curriculum

## **CHEMISTRY major (B.S.)**

60–67 total credit hours including:

BIOL/CHEM 4102 Biochemistry Lab  
BIOL/CHEM 4103 Biochemistry  
CHEM 1012 General Chemistry 1 Lab  
CHEM 1013 General Chemistry 1  
CHEM 1022 General Chemistry 2 Lab  
CHEM 1023 General Chemistry 2  
CHEM 3001 Chemistry Seminar  
CHEM 3012 Organic Chemistry 1 Lab  
CHEM 3013 Organic Chemistry 1  
CHEM 3022 Organic Chemistry 2 Lab  
CHEM 3023 Organic Chemistry 2  
CHEM 3033 Advanced Inorganic Chemistry **or**  
    CHEM 4013 Advanced Organic Chemistry  
CHEM 3062 Analytical Chemistry 1 Lab: Quantitative Analysis  
CHEM 3063 Analytical Chemistry 1: Quantitative Analysis  
CHEM 4022 Analytical Chemistry 2 Lab: Instrumental Analysis  
CHEM 4023 Analytical Chemistry 2: Instrumental Analysis  
CHEM 4041 Physical Chemistry 1 Lab  
CHEM4043 Physical Chemistry 1  
CHEM 4051 Physical Chemistry 2 Lab  
CHEM 4053 Physical Chemistry 2  
CHEM 4061 Chemistry Research **or**  
    CHEM 4071 Chemistry Internship  
MATH 2015 Calculus 1  
MATH 2025 Calculus 2  
PHSC 2014/2015 Physics 1  
PHSC 2024/2025 Physics 2

The requirements above are specific requirements for this major. You must also fulfill general education requirements and general bachelor's (or associate or associate of science in health science) degree requirements. Please refer to the Newman University Catalog for details. After admission to Newman University, your Newman advisor can help explain program and university requirements.

## **CONTACT**

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**or**

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