

# Curriculum

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

64–66 total credit hours including:

BIOL 3041 Genetics Problem Session  
BIOL 3051 Genetics Lab  
BIOL 3053 Genetics  
BIOL 3123 Immunology  
BIOL 4052 Cellular and Molecular Biology  
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 3062 Analytical Chemistry 1 Lab: Quantitative Analysis  
CHEM 3063 Analytical Chemistry 1: Quantitative Analysis  
CHEM 4041 Physical Chemistry 1 Lab  
CHEM 4043 Physical Chemistry 1  
CHEM 4102 Biochemistry Lab  
CHEM/BIOL 4103 Biochemistry  
CHEM 4123 Bio-Organic Chemistry  
MATH 2015 Calculus 1  
MATH 2025 Calculus 2  
PHSC 2014 Physics 1 **or**  
    PHSC 2015 Calculus Based Physics 1  
PHSC 2024 Physics 2 **or**  
    PHSC 2025 Calculus Based 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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