

Chemistry (Bachelor of Arts)

2024-2025 Miami Dade College Transfer Guide



College of Arts, Sciences & Education



Degree

[Bachelor of Arts in Chemistry](#)
[Course Catalog](#)

Admission Requirements

- Complete Associate in Arts (AA) degree
- Complete all prerequisites with grade of C or higher
- Cumulative Transfer GPA: 2.0 or higher

Special Notes

- We strongly encourage students to complete math and science courses **every term** to make satisfactory progress toward completing all prerequisites and AA degree prior to transfer.
- The additional lower division course below is required for this program. We encourage students to take the course (as an elective) prior to completing the AA.
- After transfer, students may choose to follow the BA in Chemistry (standard concentration) or, in consultation with an FIU academic advisor, choose one of these areas of emphasis: Biochemistry Concentration, Environmental Chemistry Concentration, or Forensic Chemistry Concentration.

PREREQUISITES

| MDC Course | FIU Course |
|---|----------------------|
| MAC 2311 Calculus and Analytical Geometry 1 | MAC 2311 |
| MAC 2312 Calculus and Analytical Geometry 2 | MAC 2312 |
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| CHM 1045 + CHM 1045L General Chemistry and Qualitative Analysis 1 + Lab | CHM 1045 + CHM 1045L |
| CHM 1046 + CHM 1046L General Chemistry and Qualitative Analysis 2 + Lab | CHM 1046 + CHM 1046L |
| CHM 2210 + CHM 2210L Organic Chemistry 1 + Lab | CHM 2210 + CHM 2210L |
| CHM 2211 + CHM 2211L Organic Chemistry 2 + Lab | CHM 2211 + CHM 2211L |
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| PHY 2048 + PHY 2048L Physics with Calculus 1 + Lab | PHY 2048 + PHY 2048L |
| PHY 2049 + PHY 2049L Physics with Calculus 2 + Lab | PHY 2049 + PHY 2049L |
| OR | |
| PHY 2053 + PHY 2053L Physics (without Calculus) 1 + Lab | PHY 2053 + PHY 2048L |
| PHY 2054 + PHY 2054L Physics (without Calculus) 2 + Lab | PHY 2054 + PHY 2049L |

ADDITIONAL LOWER DIVISION COURSES

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|---|----------------------|
| BSC 2010 + BSC 2010L Principles of Biology 1 + Lab | BSC 2010 + BSC 2010L |
| BSC 2011 + BSC 2011L Principles of Biology 2 + Lab* | BSC 2011 + BSC 2011L |

*Required only for students pursuing a BA in Chemistry with a Biochemistry Concentration.

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| CCJ 1020 Introduction to Criminal Justice** | CCJ 2020 |
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**Required only for students pursuing a BA in Chemistry with a Forensic Chemistry Concentration.