

Chemistry: Chemical Education

2023-2024 Miami Dade College Transfer Guide



College of Arts, Sciences & Education



Degree

[Bachelor of Arts in Chemistry: Chemical Education Major Course Catalog](#)

Admission Requirements

- **Specialized Admissions**
 - Completion of Associate in Arts (AA) degree
 - All prerequisites completed with a grade of C or higher
 - Cumulative Transfer GPA: 2.5 or higher
 - Completion of FTCE (General Knowledge Test)
 - State-mandated for admission to teacher preparation programs. We strongly encourage students to pass this test prior to transfer. Visit: <http://www.fldoe.org/accountability/assessments/postsecondary-assessment/ftce/>

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.
- Visit [FIU Teach](#) to learn more about graduating with both a degree **and** teacher certification.

PREREQUISITES

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

ADDITIONAL LOWER DIVISION COURSES

BSC 2010 + BSC 2010L Principles of Biology 1 + Lab	BSC 2010 + Lab
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