

# Chemistry: Chemical Education

## 2024-2025 Miami Dade College Transfer Guide



College of Arts, Sciences & Education



### Degree

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

### Admission Requirements

- **Teacher Preparatory Program**
  - Complete Associate in Arts (AA) degree
  - All prerequisites completed with grade of C or higher
  - Cumulative Transfer GPA: 2.5 or higher
  - Complete 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 + CHM 1045L
CHM 1046 + CHM 1046L General Chemistry & 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
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
<b>OR</b>	
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

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