# University of Dubuque

2026-2027 Catalog

*Information subject to change

## Secondary Chemistry Education - Option 1

**First Year**

| FALL | | | SPRING | | |
|---|---|---|---|---|---|
| **COURSE #** | **COURSE TITLE** | **HRS** | **COURSE #** | **COURSE TITLE** | **HRS** |
| WVS 101 | World View Seminar I | 3 | WVS 201 | World View Seminar II | 3 |
| EDU 100 | Introduction to Education | 2 | EDU 202 | Introduction to Inclusion | 3 |
| CHM 111 | General Chemistry I | 4 | CHM 112 | General Chemistry II | 4 |
| MATH 112 | College Algebra (or by placement) | 3 | | Gen. Ed. | 3 |
| | Gen. Ed. | 3 | | Gen. Ed. | 3 |
| | | | | | |
| | **FALL TOTAL** | **15** | | **SPRING TOTAL** | **16** |
| | **CUMULATIVE TOTAL** | **15** | | **CUMULATIVE TOTAL** | **31** |

**Second Year**

| FALL | | | SPRING | | |
|---|---|---|---|---|---|
| **COURSE #** | **COURSE TITLE** | **HRS** | **COURSE #** | **COURSE TITLE** | **HRS** |
| EDU 200 | Foundations of Education | 3 | EDU 240 | Learning & Teaching Processes | 3 |
| EDU 119 | Human Relations | 3 | EDU 310 | Assessment of Reg./Except. Learners | 2 |
| EDU 352 | Technology in Education | 2 | CHM 222 | Organic Chemistry II | 4 |
| CHM 221 | Organic Chemistry I | 4 | | Gen. Ed. | 3 |
| EVS 247 | Environmental Chemistry | 4 | | Gen. Ed. | 3 |
| | | | | | |
| | **FALL TOTAL** | **16** | | **SPRING TOTAL** | **15** |
| | **CUMULATIVE TOTAL** | **47** | | **CUMULATIVE TOTAL** | **62** |

**Third Year**

| FALL | | | SPRING | | |
|---|---|---|---|---|---|
| **COURSE #** | **COURSE TITLE** | **HRS** | **COURSE #** | **COURSE TITLE** | **HRS** |
| CHM 241 | Analytical Chemistry | 4 | CHM 338 | Instrumental Chemistry | 4 |
| | Gen. Ed. | 3 | EDU 303 | Reading &Writing in the Content Area | 3 |
| | Gen. Ed. | 3 | EDU 318 | Language & Literacy Diversity | 3 |
| | Gen. Ed. | 3 | EDU 351 | Secondary Methods-English | 3 |
| EDU 401 | Portfolios | 0 | | Gen. Ed. | 3 |
| | | | EDU 401 | Portfolios | 0 |
| | | | | | |
| | **FALL TOTAL** | **13** | | **SPRING TOTAL** | **16** |
| | **CUMULATIVE TOTAL** | **75** | | **CUMULATIVE TOTAL** | **91** |

**Fourth Year**

| FALL | | | SPRING | | |
|---|---|---|---|---|---|
| **COURSE #** | **COURSE TITLE** | **HRS** | **COURSE #** | **COURSE TITLE** | **HRS** |
| EDU 210 | Journeys in Nature | 3 | EDU 452 | Student Teaching | 12 |
| EDU 360 | Middle School Methods | 3 | EDU 495 | Senior Seminar | 3 |
| CHM 331 | Biochemistry I | 4 | | | |
| | Gen. Ed. | 3 | | | |
| | Elective | 1 | | | |
| | | | | | |
| | **FALL TOTAL** | **14** | | **SPRING TOTAL** | **15** |
| | **CUMULATIVE TOTAL** | **105** | | **CUMULATIVE TOTAL** | **120** |

**General Education Requirements to be taken when "Gen. Ed." is listed (10 courses):** COM 101, ENG 101, ENG 104, Intercultural Engagement, Literature, Fine & Performing Arts, Judeo Christian Traditions, Hist./Phil./Politics, Physical Wellness (2 cr. + 1 cr.), Personal/Fin. Stewardship

**Suggestions:**
*It is recommended that you take ENG 101, COM 101, & ENG 104 within your first 4 semesters
*THEA 220 to meet Fine & Performing Arts Gen. Ed.
*PRF 200 to meet Personal/Fin. Stewardship Gen. Ed.
*HIST 211 / 212 to meet Hist./Phil./Politics Gen. Ed. and Education requirement

Admission to the program occurs during the same semester that EDU 200 is taken.

**Admission Criteria**

1. Completion of a C or better in ENG 101, ENG 104, MATH 112 (or higher), COM 101, EDU 100, EDU 200, EDU 202
2. GPA 2.75 or higher
3. Admissions Essay
4. Application
5. All grades must be C or better and students can only retake a class one time
6. Completion of 10 service learning hours in EDU 100
7. Completion of 20 school-based hours in EDU 200
8. Completion of Admission Interview

Additional Teaching Endorsement can be added and will be discussed when assigned to an advisor in the Education Department