

CHEMISTRY EDUCATION (GRADES 7-12) (IB/M)

Requirements

Chemistry Education majors are required to complete a subject area major in Chemistry consisting of a minimum of 36 credits in natural sciences courses at the 2000 level or above. This includes a minimum of 24 credits of 2000-level or above courses completed in chemistry and closely related subject areas. Up to 12 credits may be completed in related areas. Six credits taken at the 1000 level may be included with permission of the science education advisor.

Professional Education Requirements

Majors must also complete the following Professional Education Requirements:

| Course | Title | Credits |
|--|--|-----------|
| EDCI 3100/3100W | Multicultural Education, Equity and Social Justice | 3 |
| EDCI 3213 | Introduction to Secondary Methods and Clinic: Science | 3 |
| EDCI 4010 | Teaching Reading and Writing in the Content Areas | 2 |
| EDCI 4210W | Instruction and Curriculum in the Secondary School | 3 |
| EDCI 4250 | Directed Student Teaching | 9 |
| EGEN 3100 | Seminar/Clinic: Teaching and Learning | 3 |
| EGEN 4100 | Seminar/Clinic: Methods of Teaching | 3 |
| EGEN 4110 | Seminar/Clinic: Analysis of Teaching | 3 |
| EPSY 3010 | Educational Psychology | 3 |
| EPSY 3110 | Exceptionality | 2 |
| EPSY 3125 | Classroom and Behavior Management | 3 |
| EPSY 4010 | Assessment of Learning | 2 |
| HIST 1501 or HIST 1502 | United States History to 1877 U.S. History Since 1877 | 3 |
| PSYC 1100 | General Psychology I | 3 |
| Master of Arts in Curriculum and Instruction program | | |
| Total Credits | | 45 |

University General Education Requirements

Every student must meet a set of core requirements to earn a baccalaureate degree, in addition to those required by the student's major course of study and other requirements set by the student's school or college. For more information about these requirements, please see General Education Requirements (<https://catalog.uconn.edu/undergraduate/gen-ed-requirements/>).

Neag School of Education Degree Requirements

Students must meet a set of requirements established by the school in addition to the University's General Education requirements. For more information, see the Neag School of Education (<https://>

catalog.uconn.edu/undergraduate/neag-education/#requirements-text) section of this catalog.

Curriculum and Instruction (M.A.) IBM Concentrations in Elementary Education or Secondary Education

Secondary Education includes:

- English Education
- World Languages Education (American Sign Language, French, German, Italian, Latin/Classics, Mandarin Chinese, or Spanish)
- History and Social Studies Education
- Mathematics Education
- Science Education (Biology, Chemistry, Earth Science, General Science, or Physics)

| Course | Title | Credits |
|--|--|-----------|
| Required Courses | | |
| EPSY 5195 | Workshop in Education | 2 |
| EDCI 5092 | Practicum | 3 |
| EDCI 5093 | Advanced Practicum | 4 |
| EDCI 5094 | Seminar | 3 |
| EDCI 5095 | Advanced Seminar | 3 |
| Select three credits from the following: | | 3 |
| EDCI 5700 | | |
| EDCI 5705 | | |
| EDCI 5715 | Bilingualism and Second Language Acquisition | |
| EDCI 5720 | | |
| EDCI 5740 | Latinos and U.S. Education | |
| EDCI 5742 | Sheltered English Instruction for English Language Learners | |
| EDCI 5750 | Language Diversity and Literacy | |
| EDCI 5875 | Multicultural Education | |
| EDCI 5885 | Introduction to Critical Pedagogy | |
| EDCI 5890 | Educational Linguistics | |
| EDCI 5895 | | |
| CLCS 5324 | Teaching for Intercultural Citizenship and Human Rights I | |
| GERM 5325 | Teaching for Intercultural Citizenship and Human Rights II | |
| EDLR 5015 | Teacher Leadership and Organizations | 3 |
| EPSY 5221 | Wise Integration of Technology into Teaching and Learning Environments | 1 |
| Total Credits | | 22 |

IBM Elective Required Courses

Nine credit hours aligned with content specialty selecting courses in EDCI, EDLR, and EPSY or Graduate Liberal Arts courses totaling nine credit hours.

Exam/Culminating Portfolio Requirement

Will be directed by the student's advisor.