

Chemistry Education Major

Program: Chemistry Education

Type: Bachelor of Science

Content Area Courses

Content Area Courses

Item #	Title	Credits
CHEM 111	General Chemistry I	4
CHEM 111	General Chemistry I Laboratory	1
CHEM 112	General Chemistry II	4
CHEM 112	General Chemistry II Laboratory	1
CHEM 271	Organic Chemistry I	3
CHEM 271	Organic Chemistry I Laboratory	1
CHEM 331	Quantitative Analysis	3
CHEM 331	Quantitative Analysis Laboratory	1
CHEM 375	Biochemistry	3
CHEM 375	Biochemistry Laboratory	1
GSCI 230	History and Philosophy of Science	3
BIOL 200	General Biology	3
BIOL 200	General Biology Laboratory	1

Take 3 or 4 credits from the following:

Item #	Title	Credits
MATH 129	Precalculus Algebra	3
MATH 231	Calculus I	4

Take 4 credits from one of the following lecture and lab combinations:

Item #	Title	Credits
CHEM 377	Environmental Chemistry	3
CHEM 377	Environmental Chemistry Laboratory	1
BIOL 343	Environmental Biology	3
BIOL 343	Environmental Biology Laboratory	1

Take 4 or 5 credits from the following lecture and lab combinations:

Item #	Title	Credits
PHYS 110	Foundation of Physics	3
PHYS 110	Foundation of Physics Laboratory	1
PHYS 211	General Physics I	4
PHYS 211	General Physics Laboratory	1
PHYS 231	Engineering Physics I	4
GSCI 115	Physical Science Laboratory	1
GSCI 115	Physical Science	3
PHYS 231	Engineering Physics Laboratory I	1

Take 4 credits from the following lecture and lab combinations:

Item #	Title	Credits
GSCI 113	Earth Science	3
GSCI 113	Earth Science Laboratory	1
GSCI 111	Geology	3
GSCI 111	Geology Laboratory	1
GSCI 112	Meteorology	3
GSCI 112	Meteorology Laboratory	1

Professional Education Requirements

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* See the Secondary Education Major in the Education Department for a list of requirements.

Total credits:	89-91
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