

# MASTER'S PROGRAM: CHEMISTRY EDUCATION

(Typical plan of study\*)

## First Year

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### Summer Semester

Chemistry Education Course\*\* (3)

Chemistry Course† (3)

### Fall Semester

Chemistry Education Course\*\* (3)

### Spring Semester

Chemistry Course† (3)

## Second Year

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### Summer Semester

Chemistry Education Course\*\* (3)

Chemistry Course† (3)

### Fall Semester

Chemistry Education Course\*\* (3)

### Spring Semester

Chemistry or Chemistry Education Course (3)

## Third Year

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### Summer Semester

Chemistry Education Course\*\* (3)

### Fall Semester

Capstone Project‡ (3)

### Spring Semester

Capstone Project‡ (3)



## Master of Chemistry Education (M.C.E.) Requirements

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(If undergraduate degree is not in chemistry or a closely related field)

6 - Chemistry Education Courses\*\* (18)

3 - Chemistry Courses† (9)

2 - Capstone Project Courses ‡ (6)

3 years of full-time teaching experience

## Master of Science in Chemistry Education (M.S.C.E.) Requirements

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(If undergraduate degree is in chemistry or a closely related field)

5 - Chemistry Education Courses\*\* (15)

4 - Chemistry Courses† (12)

2 - Capstone Project Courses ‡ (6)

3 years of full-time teaching experience

\* Time to completion can vary depending on student preferences for course load, course offerings, and capstone project choices.

\*\* Chemistry Education/Science Education Course options include courses such as: Kinetics Equilibrium, and Acids/Bases, Stoichiometry and the Mole, and Teaching Science Safely: Secondary Schools. Allowed courses: CHE 380.48, 401.01, 401.02, 401.03, 401.04, 401.05, 402.01, 402.02, 403.01, 403.02, TCH 401, 450, 451, 453.

† Chemistry Course options include courses such as Atmospheric Chemistry, Industrial Chemistry, Inorganic Chemistry. Allowed courses: CHE 315, 350, 342, 380.11, 380.41, 380.52, 380.54, 388, or any 380 or 400-level course in Inorganic, Organic, Analytical, Physical, or Biochemistry.

‡ Capstone Project options: TCH 481 and 482, SED 482 and 498, or CHE 498 (for two semesters)



**DEPARTMENT OF  
CHEMISTRY**  
*Illinois State University*

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