New cohort to begin June 2019
with optional jump start January 2019

master of arts
Science Education
optional emphasis in Earth Science or Physics

This masters program integrates theory, application, and content, allowing teachers to update pedagogy, content knowledge, and to add endorsements to their teaching licenses if needed. Learn how to teach science in a way that helps students construct their knowledge within an inquiry framework.

Building a lasting foundation
A strong foundation in the content areas is essential for science educators. Efforts will be made to schedule a variety of content courses during the summers and Spring 2019 and 2021 semesters in the areas of biology, physics, chemistry and Earth science. These courses can also be applied toward science endorsements. Additionally, “Techniques for Science Teachers” courses focus on issues specific to teaching science and fulfill elective requirements.

Flexible learning for a busy life
Many courses are offered Wednesday evenings via interactive video conferencing. Courses are supported online using eLearning, a dynamic platform that will enhance your learning experience and sense of community with fellow classmates. Some courses use a blended approach, with in-person instruction required at least once per course. These are typically scheduled for evenings or weekends and are posted before the enrollment in the course. A required orientation session is scheduled on the UNI campus Saturday, April 6, 2019, 9 a.m. - 3 p.m.

▶ see reverse side for more details

Visit
distance.uni.edu/science-education
Complete the online interest form and receive further instructions on how to get started.

Ready to apply?
We encourage you to apply for admission to graduate studies through the University of Northern Iowa as soon as possible. Applications are due Oct. 31, 2018 for the Spring 2019 jump start and Feb. 1, 2019 for the Summer 2019 start. Visit our website for detailed instructions.
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Course sequence (tentative)
30-32 total units of credit | units of credit in parentheses following course titles

Spring 2019 – optional jump start
Students have the option of beginning their elective coursework early.
Content/elective coursework (2-4)

Spring 2019
SCI ED 6700 The History, Philosophy and Nature of Science (2-3)
Content/elective coursework (2-4)

Summer 2019
SCI ED 6600 Teaching-Learning Models in Science Education (2)
SCI ED 5500 Techniques for Science Teachers (1)

Fall 2019
SCI ED 6500 Research Methods in Science Education (3-4)

Spring 2020
SCI ED 6900 Trends and Issues in Science Education (2-3)
Content/elective coursework (2-4)

Summer 2020
SCI ED 6299 Research (3-6)
Content/elective coursework (3-12)

Fall 2020
SCI ED 6800 Developing Science Curricula (2)
SCI ED 5500 Techniques for Science Teachers (1)

Spring 2021 - Summer 2022
SCI ED 6299 Research (3-6)
Content/elective coursework (3-12)

Time to completion varies by individual student and depends on many factors including elective offerings, student preferences and final project details. Historically, average time to completion is 4 years.

Delivery of program is subject to minimum enrollment requirements.