

# Natural Sciences Education

Master of Natural Sciences Education (M.N.S.E.)



COLORADO STATE UNIVERSITY  
ONLINE

## Overview

This Master of Natural Sciences Education (M.N.S.E.) is a good fit for you if you are:

- A current science teacher interested in learning new pedagogical techniques, or gaining the flexibility to teach other natural science disciplines.
- An individual with a strong science background and experience in educational settings who would like to learn how to become a science teacher and separately pursue a teaching certification.

## Strengthen both your science and teaching expertise

This master's in science education helps you refresh and expand your knowledge of biology, chemistry, physics, and environmental science. Through the use of [science lab kits](#) created specifically for individual courses within the program, you get hands-on experience with experiments and projects that you can bring into your own classroom.

Additionally, gain tools to improve learning and engagement in the classroom by immersing yourself in coursework related to curriculum development, instructional theory, and pedagogy. Advance your instructional skills with courses that explore classroom management, presentation skills, communication, and discipline.

## Requirements and Curriculum

All science-related coursework is tailored for teachers and focuses on how you can incorporate lessons into your own classroom.

This program requires completion of 30-31 credits. All courses are offered online and you have two different paths to choose from:

### Coursework Option

- 9 credits of Education Courses
- 18 credits of Natural Sciences Courses
- 3 credits of Independent Study  
Independent study immerses you in the primary scientific literature in biology, chemistry, or physics, and allows you to further tailor the degree toward your preferred science discipline.

### Research Option

- 9 credits of Education Courses
- 15 credits of Natural Sciences Courses
- 6 credits earned for a research project  
In collaboration with an advisor, you develop and complete research in your preferred science discipline. Advisors assist in creating the project and in identifying a research location.

## Delivery

Online

## Credits

30–31 credits

## Tuition

\$600 per credit

- Includes [Student Services](#)
- [Fees](#) assessed separately
- [Financial aid](#) is available; eligibility determined on an individual basis

## Time Frame

Can be completed in 2 years

## More Info

[online.colostate.edu/degrees/natural-sciences-education](https://online.colostate.edu/degrees/natural-sciences-education)

## Contact

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Student Success Coach  
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# How to Apply

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## Application Deadline

Fall semester: **July 15**

Spring semester: **November 1**

### 1 Review Admission Requirements

- A bachelor's degree in a science or science-related discipline from a regionally accredited institution
- A 3.0 GPA in undergraduate coursework (exceptions may be made for students who are applying through Track II Admission)
- Be a practicing instructor and/or licensed educator
- Applicants with strong science backgrounds and a desire to become educators are considered for admission on a provisional basis. (Note: The MNSE program does not provide a teaching license.)

### 2 Prepare Application Materials

- Three letters of recommendation
- Resume or vita – Outline your professional employment, collegiate work, and any publications, exhibitions, service activities, prizes, and awards.
- Statement of Purpose – Include if you would like to pursue the Coursework Option or Research Option in your statement.

### 3 Complete Online Application

Complete the the [online graduate application](#) and pay the nonrefundable application processing fee (payable online). As soon as you have completed the required information, please submit your application. You do not need to wait for transcripts to move your application forward.

- Select “Natural Sciences Education MNSE – Distance” when choosing the program of study.

### 4 Request Transcripts

Request one official transcript of all collegiate work completed from every institution attended, whether or not you received a degree from those institutions. Transcripts from Colorado State University are not required. Official transcripts can either be mailed in or sent as e-transcripts.

Send e-transcripts to: [gradadmissions@colostate.edu](mailto:gradadmissions@colostate.edu)

Send paper copies to:  
Graduate Admissions  
Colorado State University – Office of Admissions  
1062 Campus Delivery  
Fort Collins, CO 80523-1062

## Check Your Application Status

View your [application status](#) at any time to ensure your application checklist is complete or to check on updates. Once your complete application, including supporting materials, is received, the department admission committee will review your application and promptly notify you of their decision.

## International Students

See [website](#) for test score and transcript requirements.

