

# M.S. in BIOLOGY & TEACHER LEADERSHIP

COLLEGE OF ARTS, SCIENCES, AND EDUCATION

MISSOURI  
S&T



## Become a leader among teachers.

**Are you a current or aspiring Missouri educator eager to implement evidence-based approaches and improve science education? Our program is tailor-made just for you!**

With a comprehensive 30-hour curriculum, you'll elevate your leadership abilities, strengthen your instructional techniques and dive deep into exciting areas of biology.

**Apply today** for the upcoming fall 2024 cohort and become a member of a select community of science educators.



### PROGRAM OVERVIEW

**TERMS:** Fall, Spring, Summer

**MODALITY:** 100% online

**DEGREES OFFERED:** non-thesis Biology MS and Teacher Leadership graduate certificate

**PROGRAM CONTACT:**  
573-341-74692  
education@mst.edu

### LIKE WHAT YOU SEE? TAKE THE NEXT STEP.

Level up in your field and gain advanced expertise with a graduate degree from Missouri S&T. Scan the QR codes to get started.



### REQUEST INFORMATION

Let us tell you more.



**APPLY NOW**  
Make S&T part of your equation.

# DEGREE OPTIONS

*In two years and with 30 total credit hours, you'll earn both a graduate certificate in Teacher Leadership and a MS in Biological Sciences.*



## Graduate Certificate in Teacher Leadership

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This specialized certificate provides practicing educators with the skills to lead teams in improving teaching and learning. This certificate does not result in educator licensure. Other programs may accept these courses according to their guidelines. Students may transfer one equivalent graduate course into the certificate from another program. Consisting of 12 hours of education coursework, the certificate includes courses in curriculum development and assessment, community-based participatory action research, educational systems, and instructional coaching and mentoring.

## Admission Criteria

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- ✎ Online application
- ✎ Resume/CV
- ✎ Statement of purpose with a focus on how this program will impact teaching and learning community
- ✎ Transcripts
- ✎ Minimum 3.0 undergraduate GPA
- ✎ GRE optional
- ✎ English proficiency scores for international students: IELTS 6., TOEFL 80, PTE 58, Duolingo 115

## Master of Science in Biology

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Earn a science graduate degree that furthers your knowledge of ecosystems, molecular techniques, human biology, and more. Our program has a rich history of direct application that you can translate into the classroom today to teach your students how to innovate solutions to the challenging global problems of tomorrow. In addition to the 12 hours of education courses, you'll take 18 hours of biology courses to include such courses as Conservation Genetics, Biology of Aging, Global Ecology, Pathogenic Microbiology, Geomicrobiology, Insect Biodiversity, Cancer Cell Biology, and more.

## Program Structure

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Taking two courses per semester over four semesters and one summer, you'll earn your degree 100% online. All courses are either offered asynchronously or in evenings to help accommodate your working schedule. With a summer project-based citizen science course, you'll extend your work beyond the classroom into your community, and you'll be able to bring real-world applications and projects back into your own school for your students. Program faculty are some of the university's most highly awarded educators and are invested in creating active and dynamic learning environments for your success.