

SCIENCE TEACHING

Contact Information

Science Teaching
<https://mst.rice.edu>
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 Program Director
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The Master of Science Teaching (MST) degree is a content-based, non-thesis, advanced degree primarily directed towards inservice middle school, IPC (Integrated Physics and Chemistry), Physics, or Astronomy high school teachers and other Education and Public Outreach (EPO) professionals. The goal of the program is to provide content and skills to inservice and preservice K-12 and informal educators, so that they will become proficient in, and able to teach, all the Planetary, Astronomy, and Space Science topics included in the Next Generation Science Standards and the State of Texas science standards.

The teachers who finish the program are encouraged to become master teachers in their school district, multiplying the impact of the program manifold by giving workshops and other inservice programs to other teachers, both in-state and across the country.

This degree program is administered by the Department of [Physics and Astronomy](https://ga.rice.edu/programs-study/departments-programs/natural-sciences/physics-astronomy/) (<https://ga.rice.edu/programs-study/departments-programs/natural-sciences/physics-astronomy/>).

Science Teaching does not currently offer an academic program at the undergraduate level.

Master's Program

- [Master of Science Teaching \(MST\) Degree](https://ga.rice.edu/programs-study/departments-programs/natural-sciences/science-teaching/teaching-mst/) (<https://ga.rice.edu/programs-study/departments-programs/natural-sciences/science-teaching/teaching-mst/>)

Program Director

Patricia H. Reiff

Application Review Committee

David Alexander
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 Patricia H. Reiff

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Carolyn Sumners

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Matthew Cushing
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 Anne Papakonstantinou
 Patricia H. Reiff
 Carolyn Sumners

For Rice University degree-granting programs:

To view the list of official course offerings, please see Rice's [Course Catalog](https://courses.rice.edu/admweb/!SWKSCAT.cat?p_action=cata) (https://courses.rice.edu/admweb/!SWKSCAT.cat?p_action=cata).

To view the most recent semester's course schedule, please see [Rice's Course Schedule](https://courses.rice.edu/admweb/!SWKSCAT.cat) (<https://courses.rice.edu/admweb/!SWKSCAT.cat>).

Description and Code Legend

Note: Internally, the university uses the following descriptions, codes, and abbreviations for this academic program. The following is a quick reference:

Course Catalog/Schedule

- Course offerings/subject codes: Courses from various subjects may apply towards this program

Home School Description and Code

- Natural Sciences: NS

Home Department Description and Code

- Physics and Astronomy: PHYS

Graduate Degree Description and Code

- Master of Science Teaching degree: MST

Graduate Degree Program Description and Code

- Degree Program in Science Teaching: STEA

CIP Code and Description ¹

- **STEA** Major/Program: CIP Code/Title: 13.1316 - Science Teacher Education/General Science Teacher Education

¹ Classification of Instructional Programs (CIP) 2020 Codes and Descriptions from the National Center for Education Statistics: <https://nces.ed.gov/ipeds/cipcode/>.