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.

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

**Master’s Program**

- Master of Science Teaching (MST) Degree (ga.rice.edu/programs-study/departments-programs/natural-sciences/science-teaching/teaching-mst)

**Director**

Patricia Reiff

**Application Review Committee**

David Alexander
Marjorie Corcoran
Patricia Reiff

**Advisory Council**

David Alexander
Marjorie Corcoran
Robert Curl (emeritus)
Carolyn Nichol
Neal Lane (emeritus)
Anne Papakonstantinou
Patricia Reiff
Ron Sass (emeritus)
Carolyn Sumners

**Educational Professionals**

Carolyn Nichol
Anne Papakonstantinou

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/ISWKSCAT.cat?p_action=cata)
To view the most recent semester’s course schedule, please see Rice’s Course Schedule (https://courses.rice.edu/admweb/ISWKSCAT.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 toward the graduate degree.

**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