1996

**M.S. and Ed.S. in Science Education**

Nova Southeastern University

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M.S. and Ed.S. in Science Education

Fischler Center for the Advancement of Education
A Program Designed for the Busy Science Educator

The delivery system brings many courses to your home. The content emphasizes:

- A critical understanding of science and its teaching
- The skills needed to plan and implement school improvement projects

Relevant Content

In the true spirit of graduate work, science content is examined critically so that classroom lessons can be prepared with greater insight into the broad ideas in science. Assignments focus on applications in the classroom.

Some courses cover traditional topics, such as the history and philosophy of science and technology. Others look at innovations in science teaching and the use of technology in the science classroom or scientific concept formation, problem solving, and discovery from the perspective of cognitive science and artificial intelligence.

Application That Makes a Difference

Classroom applications are emphasized in assignments and in a school improvement project that can be carried out in your own school. The skills needed for documenting the planning, implementation, and evaluation of a school improvement project are incorporated into our courses.

Convenient Delivery

Classes are scheduled evenings and Saturdays, at times convenient for the working professional. We offer every course three times per year. When enrollments in a specific course are low at any site, we provide the course using a variety of telecommunications techniques, including two-way interactive video.

[Ask about our planned M.S. in Marine Sciences Education.]

The Graduate Teacher Education Program

World Wide Web Homepages

You can find out more about GTEP and all of its majors at:

http://www.nova.edu/gtep

You can access information about the Science Education major at:

http://www.nova.edu.gtep/SCI
### Science Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CUR 523/524</td>
<td>Educational Research for Practitioners</td>
<td>3</td>
</tr>
<tr>
<td>CUR 503/504</td>
<td>Grantsmanship, Program Planning, and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>SCI 661</td>
<td>Modern Cosmology and Physics for Science Teachers</td>
<td>3</td>
</tr>
<tr>
<td>SCI 652</td>
<td>Cognitive Science and Science Education</td>
<td>3</td>
</tr>
<tr>
<td>SCI 652</td>
<td>The History and Philosophy of Science and Technology</td>
<td>3</td>
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<tr>
<td>SCI 653</td>
<td>Innovative Solutions in Science Education</td>
<td>3</td>
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<tr>
<td>ELECTIVE</td>
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<td>3</td>
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<tr>
<td>CSE 500</td>
<td>Computer Literacy for Teachers and Administrators</td>
<td>3</td>
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<tr>
<td>SCI 663</td>
<td>The Professional Science Educator</td>
<td>3</td>
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<tr>
<td>SCI 523/524</td>
<td>3 Credits</td>
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<tr>
<td>CUR 503/504</td>
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**Elective Courses**

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<td>Cognitive Science and Science Education</td>
<td>3</td>
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<td>SCI 651</td>
<td>Technology in Science Education</td>
<td>3</td>
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<tr>
<td>PRACTICUM/INTERNSHIP</td>
<td>6 Credits</td>
<td>Science Education</td>
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**Total Credits**: 36
FOR ACADEMIC AND CERTIFICATION ADVISING

Call 800-986-3223, Ext. 7449
Ask to speak to an academic advisor.

8:30 a.m. to 8:00 p.m.
Monday through Thursday
8:30 a.m. to 7:00 p.m.
Friday
8:30 a.m. to 2:00 p.m.
Saturday

FOR A CATALOG

Call 800-986-3223, Ext. 1519

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Graduate Teacher Education Program
3301 College Avenue
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