The goal of PROFESS is to empower future academics to be effective teachers, researchers and mentors.

### Program Goal

**2016-17 PROFESS Course Offerings**
- GRAD 511: Foundations of Evidence-Based STEM Pedagogy
- GRAD 512: Advanced STEM Pedagogical Approaches
- GRAD 513: Improving STEM Education through Research
- GRAD 514: Quality Assessment Practices

**PROFESS Students’ Majors**

<table>
<thead>
<tr>
<th>Major</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics</td>
<td>17%</td>
</tr>
<tr>
<td>Mechanical Eng</td>
<td>22%</td>
</tr>
<tr>
<td>Math</td>
<td>8%</td>
</tr>
<tr>
<td>Materials Science and Engineering</td>
<td>11%</td>
</tr>
<tr>
<td>Environ Eng</td>
<td>5%</td>
</tr>
<tr>
<td>Environ Eng</td>
<td>3%</td>
</tr>
<tr>
<td>Electrical Eng</td>
<td>3%</td>
</tr>
<tr>
<td>Computer Sci</td>
<td>3%</td>
</tr>
<tr>
<td>Chemistry</td>
<td>3%</td>
</tr>
</tbody>
</table>

**Grad Student Pedagogical Survey**
- 79% are interested in a career in academia
- 82% agree teaching is an important part of their career
- 63% are interested in engaging in PROFESS
- 58% are interested in taking only one course
- 48% would take multiple courses towards a minor
- 35% want to work towards the Master’s Degree

**Schools and Colleges represented by PROFESS students**
- College of Arts and Sciences
- College of Engineering
- School of Biomedical Engineering and Health Services
- College of Computer Informatics
- School of Education

**Student Participation**
- 41 students enrolled in the prerequisite course for PROFESS
- 15 students continued on to the second course in the sequence
- 10 students registered for the third course in the PROFESS sequence
- 7 students are continuing onwards to complete the fourth course to receive the graduate minor in Undergraduate STEM Education
- 4 Ph.D. students in the School of Education took an appropriate prerequisite and were able to enroll in advanced PROFESS course offerings