Accreditation

Mission

To create a meaningful, fundamental and rigorous engineering educational experience so that our graduates are self-learning professionals who can compete in a global marketplace.

The University of Houston BSME program is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.

Program Educational Objectives

To produce graduates who are able to secure, to maintain and to change professional employment or gain placement in post-graduate education, if and when desired.

Student Outcomes

To expect all BSME graduates to have:

- an ability to apply knowledge of mathematics, science and engineering;
- an ability to design and conduct experiments, as well as to analyze and interpret data;
- an ability to design a system, component or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability;
• an ability to function on multidisciplinary teams;
• an ability to identify, formulate, and solve engineering problems;
• an understanding of professional and ethical responsibility;
• an ability to communicate effectively;
• the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context;
• a recognition of the need for and an ability to engage in life-long learning;
• knowledge of contemporary issues;
• an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice;

**Student Enrollment/Degrees Awarded**

<table>
<thead>
<tr>
<th>DEGREE</th>
<th>STUDENT ENROLLMENT FALL 2017</th>
<th>DEGREES AWARDED ACADEMIC YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS</td>
<td>964</td>
<td>148</td>
</tr>
<tr>
<td>MS</td>
<td>211</td>
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</tr>
<tr>
<td>PhD</td>
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<tr>
<td>Total</td>
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<td>264</td>
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</table>

Please click here for full enrollment/dimensions awarded data.

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