CHEMICAL ENGINEERING (M.S.)

https://ceps.unh.edu/chemical-engineering/program/ms/chemical-engineering

Description

M.S. Admission Requirements

An applicant is expected to have completed a baccalaureate degree in chemical engineering. Students with good undergraduate records but with deficiencies in certain areas may be admitted on condition that they complete specified courses without credit to make up for their deficiencies. Applicants must submit current scores (within five years) from the general test of the Graduate Record Examination. International students are required to submit TOEFL test scores. IELTS scores are accepted on a case-by-case basis, and students must have a minimum score of 6.5.

Requirements

M.S. Degree Requirements

A minimum of 30 credits, which must include:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHE 900</td>
<td>Seminar</td>
<td>1</td>
</tr>
<tr>
<td>CHE 913</td>
<td>Advanced Fluid Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>CHE 915</td>
<td>Heat Transfer</td>
<td>3</td>
</tr>
<tr>
<td>CHE 916</td>
<td>Diffusive Mass Transfer</td>
<td>3</td>
</tr>
<tr>
<td>CHE 923</td>
<td>Advanced Chemical Engineering Thermodynamics</td>
<td>3</td>
</tr>
<tr>
<td>CHE 932</td>
<td>Advanced Chemical Engineering Kinetics</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select 9 course credits</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>CHE 899</td>
<td>Master's Thesis</td>
<td>6</td>
</tr>
</tbody>
</table>

1 Students should register for CHE 900 for 1 credit in their first semester and CHE 900 for 0 credits each additional semester until their degree is granted.

2 Can be made up of electives offered by the department or by the college. Students take electives after consulting with their adviser.