FOOD ENGINEERING (FENG)

School of Engineering, College of Engineering and Physical Sciences

Minor (Honours Program)

Students must be registered in the B.Eng. degree program to apply for a Minor in Food Engineering.

The minor can be satisfied by taking the following additional courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT*1220</td>
<td>Introductory Financial Accounting</td>
<td>0.50</td>
</tr>
<tr>
<td>BIOC*2580</td>
<td>Introduction to Biochemistry</td>
<td>0.50</td>
</tr>
<tr>
<td>ENGG*2660</td>
<td>Biological Engineering Systems I</td>
<td>0.50</td>
</tr>
<tr>
<td>ENGG*3830</td>
<td>Bio-Process Engineering</td>
<td>0.50</td>
</tr>
<tr>
<td>FOOD*2150</td>
<td>Introduction to Nutritional and Food Science</td>
<td>0.50</td>
</tr>
<tr>
<td>ENGG*4300</td>
<td>Food Processing Engineering Design</td>
<td>0.75</td>
</tr>
<tr>
<td>or ENGG*4380</td>
<td>Bioreactor Design</td>
<td></td>
</tr>
<tr>
<td>FOOD*3160</td>
<td>Food Processing I</td>
<td>0.75</td>
</tr>
<tr>
<td>or FOOD*4520</td>
<td>Utilization of Cereal Grains for Human Food</td>
<td></td>
</tr>
<tr>
<td>MICR*2420</td>
<td>Introduction to Microbiology</td>
<td>0.50</td>
</tr>
</tbody>
</table>

Select 1.00 credits from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOOD*4070</td>
<td>Food Packaging</td>
<td>0.50</td>
</tr>
<tr>
<td>FOOD*4110</td>
<td>Meat and Poultry Processing</td>
<td>0.50</td>
</tr>
<tr>
<td>MCS*3010</td>
<td>Quality Management</td>
<td>0.50</td>
</tr>
</tbody>
</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOOD*2400</td>
<td>Introduction to Food Chemistry</td>
<td>0.50</td>
</tr>
<tr>
<td>FOOD*3230</td>
<td>Food Microbiology</td>
<td>0.75</td>
</tr>
<tr>
<td>FOOD*3260</td>
<td>Industrial Microbiology</td>
<td>0.50</td>
</tr>
</tbody>
</table>

Students must incorporate a food engineering application as part of their capstone design course worth 1.00 credits in the final semester of their B.Eng. major program.

Note: Courses taken for the minors are credited to appropriate elective areas.