MASTER OF ENGINEERING IN BIOINSTRUMENTATION

Bioengineering

b (http://www.bioen.illinois.edu)ioinstrumentation.illinois.edu (http://bioinstrumentation.illinois.edu)

Head of Department: Rashid Bashir
Director of Graduate Studies: Deborah Leckband
Academic Program Contacts: Liezl Bowman (Program Coordinator) and Dipanjan Pan (Program Faculty Director)
1270 Digital Computer Laboratory
1304 West Springfield Avenue
Urbana, IL 61801
(217) 333-1867
E-mail: bioinstrumentation@illinois.edu (http://www.bioinstrumentation@illinois.edu)

Major: Bioinstrumentation
Degrees Offered: M.Eng.

Graduate Degree Programs

The Department of Bioengineering offers studies leading to the Master of Engineering (M.Eng.) in Bioinstrumentation. The program is offered both on-campus and online. For more information, visit bioinstrumentation.illinois.edu (http://bioinstrumentation.illinois.edu).

Admission

For the M.Eng. program, applicants should have an undergraduate engineering degree or must have taken engineering-related coursework. Applicants should have a minimum grade point average of 3.00 (A = 4.00) or equivalent for the last two years of undergraduate study. Applicants should show evidence of strong quantitative skills and of serious interest in the life sciences. In addition, applicants with less than two years of work experience must submit results from the Graduate Record Examination (GRE) (http://www.ets.org) general test. Students in the program are not expected to continue in and do not have automatic admission to the Ph.D. program in any engineering department.

All applicants whose native language is not English must submit a minimum TOEFL (http://www.toefl.org) score of 103 (iBT), 257 (CBT), or 613 (PBT); or minimum International English Language Testing System (IELTS) (http://www.ielts.org) academic exam scores of 7.0 overall and 6.0 in all subsections. Applicants may be exempt from the TOEFL if certain criteria (http://grad.illinois.edu/admissions/instructions/04c) are met. Applicants with lesser scores are still encouraged to apply. Limited status (http://grad.illinois.edu/admissions/instructions/04c) is granted for lesser scores and requires enrollment in English as a Second Language (ESL) courses (http://linguistics.illinois.edu/students/esl/guidelines) based on an ESL Placement Test (EPT) taken upon arrival to campus.

Degree Requirements

*For additional details and requirements for all degrees, please refer to the department’s Graduate Studies Web site (http://bioinstrumentation.illinois.edu/academics/curriculum.html) and the Graduate College Handbook (http://grad.illinois.edu/gradhandbook).

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOE 570</td>
<td>Seminar Series</td>
<td>2</td>
</tr>
<tr>
<td>BIOE 571</td>
<td>Biological Measurement I</td>
<td>4</td>
</tr>
<tr>
<td>BIOE 572</td>
<td>Biological Measurement II</td>
<td>4</td>
</tr>
<tr>
<td>BIOE 573</td>
<td>Managing Business Operations</td>
<td>4</td>
</tr>
<tr>
<td>BIOE 574</td>
<td>Bioinstrument Innovation</td>
<td>4</td>
</tr>
<tr>
<td>Track Electives 1</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>BIOE 575</td>
<td>Bioinstrumentation Project</td>
<td>6</td>
</tr>
<tr>
<td>Free Elective</td>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>

Minimum Hours Overall Required Within the Unit:

Maximum 500-level Hours Required Overall:

Other Requirements:*

Total Hours: 40

1 courses from approved list

Financial Aid

The tuition and fees for the M.Eng. in Bioinstrumentation are different from the standard university tuition rates. For tuition information and external funding resources, please visit http://bioinstrumentation.illinois.edu/admissions/tuition-fees.html. Students in the Bioinstrumentation major for the M.Eng. degree are not eligible for scholarships or tuition waivers through research or teaching assistantships.