PhD in Bioengineering

Admission Requirements
Applicants are considered on an individual basis. In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field** Physical sciences, engineering, computer science, mathematics, biology, or medicine. Students from other areas are also encouraged to apply if their backgrounds indicate a reasonable chance of success in the program.
- **Grade Point Average** At least 3.00/4.00 for the final 60 semester (90 quarter) hours of undergraduate study.
- **Tests Required** GRE General, quantitative reasoning percentile rank above 50%.
- **Minimum English Competency Test Score**
  - TOEFL 550 (paper-based); 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (iBT Internet-based), OR,
  - IELTS 6.5, with subscores of 6.0 for all four subscores, OR,
  - PTE-Academic 54, with subscores of Reading 51, Listening 47, Speaking 53, and Writing 56.
- **Letters of Recommendation** Three required.
- **Personal Statement** Required.
- **Deadlines** Application deadlines for this program are listed on the Graduate College website at http://grad.uic.edu/deadlines, including deadline for applicants who require funding.

Degree Requirements
In addition to the Graduate College minimum requirements, students must meet the following program requirements:

- **Minimum Semester Hours Required** 108 from the baccalaureate.
- **Course Work** Students admitted with a prior master’s degree in bioengineering or a related field must complete a minimum of 24 hours of course work, at least 12 hours of which must be bioengineering courses. At least 12 hours must be at the 500-level, excluding BIOE 595 or BIOE 599. Limited credit hours in BIOE 596 are allowed upon department approval. A maximum of 4 hours of BIOE 590 may be applied toward the degree, provided credit for BIOE 590 or a similar course was not applied toward the prior MS degree.
  Students admitted with a bachelor’s degree in bioengineering or a related field must complete a minimum of 48 hours of course work. At least 24 hours must be bioengineering courses. At least 20 hours must be at the 500-level, excluding BIOE 595, BIOE 596, and BIOE 599. A maximum of 4 hours of BIOE 590 may be applied toward the degree.

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOE 595</td>
<td>Seminar on Bioengineering (2 hours)</td>
</tr>
</tbody>
</table>

Additional required courses vary by area of study; contact the department for the specific requirements of each area.

- **Examinations**
  - **Departmental Qualifying Examination**: Required.
  - **Preliminary Examination**: Required.

Interdepartmental Concentration in Neuroscience
Doctoral students may pursue the Interdepartmental Concentration in Neuroscience. Refer to Interdepartmental Concentration in Neuroscience (http://catalog.uic.edu/gcat/graduate-college/neus-conc) in the Graduate College section for more information.