Multi-institutional Ph.D. Degree with National University of Singapore

Students in this program will spend approximately equal proportions of their study at the Urbana-Champaign campus and at the National University of Singapore (NUS), taking courses and/or working on their research. The project comprising the research component of the Ph.D. will be cooperatively overseen by faculty at Illinois and NUS. Students pursuing the multi-institutional degree must meet all of the requirements of the existing Ph.D. programs at each of the two institutions. Courses taken at each university must be approved by the other university before they are taken in order to be credited toward degree requirements.

Medical Scholars Program

The Medical Scholars Program permits highly qualified students to integrate the study of medicine with study for a graduate degree in a second discipline, including Chemical Engineering. Students may apply to the Medical Scholars Program prior to beginning graduate school or while in the graduate program. Applicants to the Medical Scholars Program must meet the admissions standards for and be accepted into both the doctoral graduate program and the College of Medicine. Students in the dual degree program must meet the specific requirements for both the medical and graduate degrees. On average, students take eight years to complete both degrees. Further information on this program is available by contacting the Medical Scholars Program, 125 Medical Sciences Building, (217) 333-8146 or at www.med.illinois.edu/msp (http://www.med.illinois.edu/msp).

Graduate Teaching Experience

Experience in teaching is considered a vital part of the graduate program and is required as part of the academic work of all Ph.D. candidates in this program.

Faculty Research Interests

Please see chbe.illinois.edu/research (http://chbe.illinois.edu/research).

- Master of Science in Bioinformatics, Chemical and Biomolecular Engineering Concentration (http://catalog.illinois.edu/graduate/graduate-majors/chem-bio-engin/ms-bioinfo)
- Master of Science in Chemical Engineering (http://catalog.illinois.edu/graduate/graduate-majors/chem-bio-engin/ms-chem-eng)

Doctor of Philosophy in Chemical Engineering

Minimum four of graduate-level courses in chemical engineering

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHBE 599</td>
<td>Thesis Research (0 min applied toward degree)</td>
<td>16</td>
</tr>
</tbody>
</table>

Total Hours: 96

Other Requirements

- Other requirements may overlap
- Minimum 500-level Hours Required: 20
- Overall: 16

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Information listed in this catalog is current as of 06/2017
Teaching experience is required
Requirements include satisfactory performance on qualifying and certification examinations, and a thesis.

| Masters Degree Required for Admission to PhD? | No |
| Qualifying Exam Required | Yes, the qualifying examination is a written test usually taken during the first year of study. |
| Preliminary Exam Required | Yes, the preliminary examination is an individual oral examination taken after the student has satisfied the course requirements. |
| Final Exam/Dissertation Defense Required | Yes |
| Dissertation Deposit Required | Yes |
| Minimum GPA: | 2.75 |

For additional details and requirements refer to the department's degree programs information (http://chbe.illinois.edu/graduate-program) and the Graduate College Handbook (http://www.grad.illinois.edu/gradhandbook).