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

Students in this program will spend approximately equal proportions of their study at the Urban-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.

Graduate Degree Programs

The Department of Chemical and Biomolecular Engineering offers graduate programs leading to the Master of Science and the Doctor of Philosophy degrees. Those interested should write to the address above for application materials and a departmental brochure, which gives greater detail on programs, offerings, admission, degree requirements, and financial aid. Opportunity also exists for specializing in computational science and engineering within the department's graduate programs via the Computational Science and Engineering (CSE) Option.

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.

- 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

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<th>Code</th>
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<th>Hours</th>
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<td></td>
<td>Minimum four of graduate-level courses in chemical engineering</td>
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<tr>
<td></td>
<td>A coherent program of four additional graduate level courses</td>
<td>16</td>
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<tr>
<td>CHBE 599</td>
<td>Thesis Research (0 min applied toward degree)</td>
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Other Requirements

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<td>Within the Unit</td>
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Information listed in this catalog is current as of 08/2018.
Minimum 500-level Hours Required | 20
---|---
Overall: | 20
Teaching experience is required | Yes
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

\(^1\) 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).