Chemical and Biochemical Engineering, Ph.D.

Admission

Applicants must meet the admission requirements of the Graduate College; see the Manual of Rules and Regulations on the Graduate College website.

Applicants must provide the following.

• Completed application form.
• Unofficial transcript(s). If admitted, official transcripts will be required before enrollment. For international students, all academic records should bear the original stamp or seal of the institution and the signature of a school official. Documents not in English must be accompanied by a complete, literal, English translation, certified by the issuing institution.
• Official Graduate Record Examination (GRE) General Test scores (verbal and quantitative) from Educational Testing Services (the University’s institutional code is 6681) or International English Language Testing System (IELTS).
• Statement of purpose.
• Three letters of recommendation.
• Test of English as a Foreign Language (TOEFL) scores for applicants whose first language is not English.

Admission to the department is competitive and is based on an applicant’s previous coursework, research, and/or industrial experience. The admissions committee looks for evidence that an applicant has demonstrated qualities such as creativity, self-initiative, dedication, and perseverance exhibited by successful Ph.D. or master’s degree students.

Applicants must have earned a four-year baccalaureate degree (B.S. or B.S.E.) in chemical engineering or a related science or engineering discipline, such as chemistry, biochemistry, biological engineering, environmental science, atmospheric science, materials science, mathematics, and physics. An M.S. degree is not a prerequisite for admission to the Ph.D. program. Applicants to the Ph.D. program are expected to have a cumulative g.p.a. of at least 3.00 on a 4.00 scale in work for their undergraduate degree.