The Accelerated B.S./Graduate Degree Program

Description

The accelerated B.S./Graduate degree program is open to qualified Chemical Engineering undergraduate students desiring to continue their education at the graduate level immediately upon completion of the B.S. degree. This program is intended for students seeking a graduate education while ensuring that the timeframe to graduation is optimal. *Accepted students take six graduate credit hours that are applied to both the bachelor's and graduate degrees.* Students will pursue the non-thesis Master of Chemical Engineering (MChE) degree option. The B.S. degree will be conferred upon completion of the undergraduate curriculum requirements with appropriate undergraduate/graduate course. **The Master degree shall be awarded based upon existing requirements for the graduate degree.**

Eligibility and Application

Interested students should submit an "Accelerated B.S. / Graduate Program" application form to the CHE MChE Director of Graduate Studies. Minimum eligibility requirements are:

- Junior standing and 30 semester hours of engineering course work completed;
- a 3.2 grade point average over all UH course work;
- a 3.2 grade point average over all engineering course work
- one letter of recommendation from a faculty member familiar with the student.

The application package must be approved by the Director of Undergraduate Studies for the B.S. and the Chemical Engineering MChE, Director of Graduate Studies in the Chemical Engineering department. Applicants also have the option of applying for the Accelerated Master's Fellowship.

Graduate Courses Taken as an Undergraduate

The graduate courses must be selected from *the 6000-level offerings* of the CHE Department. The MChE Director of Graduate Studies must approve the selection *prior to enrollment in the courses*.

The Director of Undergraduate Studies for the B.S. granting department must also approve the selection of the graduate courses. This determination will be made with regard to the student's preparation for the course material and the degree to which the courses complement the student's undergraduate program.

Admission to the Graduate Program

Acceptance into the Accelerated Program does not constitute automatic admission to graduate school. Completion of the B.S. degree and the standard admission requirements for each graduate degree program apply. Admission is based on the GPA on the last 60 hours of relevant course work, the score on the Graduate Record Exam (GRE), letters of recommendation and the student's performance in the dual-credit courses. Qualified graduate applicants are considered for fellowships available through the department and/or the university.

*GRE Waiver is only granted to students who meet the minimum undergraduate GPA of 3.4. This waives the submission of the scores but does not guarantee admission.

Granting of Degrees

The B.S. degree will be conferred upon completion of the undergraduate curriculum requirements with appropriate undergraduate/graduate course substitutions. The Graduate degree shall be awarded based upon existing requirements: completion of courses with satisfactory grades.

Graduate Courses Approved as Equivalencies for Undergraduate Classes

1. CHEE 6368 – Chemical Process Economics I

2. CHEE 6369 – Chemical Process Economics II
3. CHEE 6383 – Advanced Unit Operations
4. CHEE 6367 – Advanced Process Control

UNIVERSITY of HOUSTON | ENGINEERING

Department of Chemical & Biomolecular Engineering

THE ACCELERATED B.S./GRADUATE PROGRAM APPLICATION

Name: _____ Student Number: _____

Date: _____ Expected Graduation Term: _____

Email Address: _____ Phone: _____

- Number of Technical Electives Remaining for your B.S. degree: _____
- Attach one letter of recommendation from a faculty member in the Cullen College of Engineering. The letter should address you capacity for graduate study.

● **GPA Overall UH Course Work**	● **GPA in CHEE Major**
_____	_____

Note: GPA in major and overall must be 3.25 or above at the time the first 6000-level course is taken.

DUAL-CREDIT 6000 LEVEL GRADUATE COURSES you wish to take:

Course Number	**Name**	**Term Expected to take**
_____	_____	_____
_____	_____	_____

ELIGIBILITY (To be completed by Chemical Engineering Department)

Director of Undergraduate Studies:

Approve ☐ Disapprove ☐ Signature: _____ Date: _____

Director of MChE Graduate Studies:

Approve ☐ Disapprove ☐ Signature: _____ Date: _____