

# UNIVERSITY of HOUSTON

CULLEN COLLEGE of ENGINEERING  
Department of Biomedical Engineering

## THE ACCELERATED MASTER'S PROGRAM IN BIOMEDICAL ENGINEERING

### PROGRAM DESCRIPTION

The accelerated B.S./M.S. degree program (also known as the "4+1" program) is open to qualified undergraduate Biomedical Engineering students desiring to continue their education at the graduate level immediately upon completion of their undergraduate degree. Accepted students take up to six graduate credit hours that are applied to both the bachelor's and graduate degrees. Students may pursue either thesis or non-thesis Master's degree options.

*NOTE: Acceptance into the Accelerated Program does not constitute automatic admission into the graduate school.*

### ELIGIBILITY AND APPLICATION PROCESS

Interested students should submit an "Accelerated Master's Program" application form to the Associate Director of Academic Programs.

#### Minimum eligibility requirements are:

- Junior standing and 30 semester hours of engineering course work completed
- a 3.2 overall GPA
- a 3.2 engineering course-work GPA
- one letter of recommendation from a faculty member familiar with the student

The application package must be approved by the Associate Director of Academic Programs and the BIOE Department Chair before a student is permitted to enroll in graduate courses.

### GRADUATE COURSES TAKEN AS AN UNDERGRADUATE

The graduate courses must be selected from the BIOE 6000-level course offerings. The selection of courses should be made with guidance from the undergraduate advisor or Associate Director of Academic Programs. This determination will be made with regard to the student's preparation for the course material (including pre-requisites) and the degree to which the courses complement the student's undergraduate program (*i.e.*, can be substituted for 4000/5000-level electives in the BIOE undergraduate curriculum).

*4000/5000-level electives taken in the undergraduate program cannot be repeated at the 6000-level for credit.*

### ADMISSION TO THE GRADUATE PROGRAM

Completion of the B.S. degree and the standard admission requirements for each graduate degree program apply. Admission is based on the GPA of 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 also considered for research or teaching assistantships and fellowships available through the department and the university.

### 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 and successful defense of the thesis or dissertation as required.

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## THE ACCELERATED MASTER'S PROGRAM APPLICATION DEPARTMENT OF BIOMEDICAL ENGINEERING

Date: \_\_\_\_\_

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_

Student Number: \_\_\_\_\_

Expected Graduation term: \_\_\_\_\_

UH Email address: \_\_\_\_\_ Phone: \_\_\_\_\_

- Number of 4000/5000-level electives remaining in your B.S. degree program: \_\_\_\_\_
- Indicate which 6000-level graduate courses you want to substitute for 4000/5000-level courses:

	<i>6000-level course</i>		<i>4000/5000-level course</i>		<i>semester/year</i>
1.	_____	<i>to replace</i>	_____	<i>in</i>	_____
2.	_____	<i>to replace</i>	_____	<i>in</i>	_____

- Attach one letter of recommendation from a faculty member in the Cullen College of Engineering. The letter should address your capacity for graduate study.
- *Note: GPA in major and overall must be 3.2 or above at the time the first 6000-level course is taken.*

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### ***ELIGIBILITY (To be completed by BIOE department)***

**Junior or Senior standing:**

Yes No

**Hours of engineering course work completed:**

\_\_\_\_\_

**GPA over all UH course work:**

\_\_\_\_\_

**GPA in undergraduate major:**

\_\_\_\_\_

### ***Associate Director of BIOE Academic Programs***

Approve Disapprove Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### ***Chair of the Department of Biomedical Engineering***

Approve Disapprove Signature: \_\_\_\_\_ Date: \_\_\_\_\_