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 nine 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.

ELIGIBILTY AND APPLICATION PROCESS

Interested students should submit an "Accelerated Master's Program" application form to the Graduate Program Director.

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 Graduate Program Director and the 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. 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 <u>cannot</u> 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, letters of recommendation and the students' 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.

UNIVERSITY of **HOUSTON**

CULLEN COLLEGE of ENGINEERING
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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: _____
- Only one graduate level course can be taken per semester. No exceptions.
- Indicate which 6000-level graduate courses you want to substitute for 4000/5000-level courses:

| *6000-level course* | *4000/5000-level course* | *semester/year* |

1. _____ to replace _____ in _____

2. _____ to replace _____ in _____

3. _____ to replace _____ in _____

- *Both the letter of recommendation and this application form should be submitted to the undergraduate advisor.*
- *Note: GPA in major and overall must be 3.2 or above at the time the first 6000-level course is taken.*

ELIGIBILTY (To be completed by BIOE department)

Junior or Senior standing: **Hours of engineering course work completed:**

☐ *Yes* ☐ *No*   _____

GPA over all UH course work: **GPA in undergraduate major:**

_____   _____

Graduate Program Director of Biomedical Engineering

☐ *Approve* ☐ *Disapprove* *Signature:* _____ *Date:* _____

Chair of the Department of Biomedical Engineering

☐ *Approve* ☐ *Disapprove* *Signature:* _____ *Date:* _____