

## ***THE ACCELERATED B.S. / GRADUATE DEGREE PROGRAM IN MECHANICAL ENGINEERING***

### ***DESCRIPTION***

The accelerated B.S./graduate degree program is open to qualified undergraduate engineering 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 up to six graduate credit hours that are applied to both the bachelor's and graduate degrees.* Students may pursue either thesis or nonthesis Master's degree options or the Ph.D. degree. 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 for the graduate degree.

### ***ELIGIBILITY AND APPLICATION***

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

- Junior standing and 30 semester hours of engineering course work completed;
- a 3.25 grade point average over all UH course work;
- a 3.25 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.-granting department (which may not be MECE), and the MECE Director of Graduate Studies.

### ***GRADUATE COURSES TAKEN AS AN UNDERGRADUATE***

The graduate courses must be selected from *the 6000-level offerings* of the MECE Department. The MECE 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.

*For students in the MECE undergraduate program, the 6000-level courses will be substituted for 5000-level electives in the MECE undergraduate curriculum.*

### ***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. Elements for graduate admission include the GPA on the last 60 hours of relevant course work, , and the student's performance in the dual-credit courses. **Graduate Record Exam (GRE) is waived for Fall 2020 and Spring 2021 applicants.** Qualified graduate applicants are 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.

***THE ACCELERATED B.S. / GRADUATE DEGREE PROGRAM IN  
THE MECHANICAL ENGINEERING DEPARTMENT***

**APPLICATION**

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

Date: \_\_\_\_\_ Expected Graduation semester: \_\_\_\_\_

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

- Number of 5000-level electives remaining in your B.S. degree program: \_\_\_\_\_
- Indicate your current preference of the graduate degree programs in the Department:  
 Mechanical Engineering     Aerospace Engineering     Biomedical Engineering     Materials Engineering
- Attach one letter of recommendation from a faculty member in the Cullen College of Engineering. The letter should address your capacity for graduate study.

***ELIGIBILITY (To be completed by MECE staff)***

- Junior or Senior standing: \_\_\_\_\_ Hours of engineering course work completed: \_\_\_\_\_  
                   Yes                    No
- GPA over all UH course work: \_\_\_\_\_ GPA in undergraduate 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:***

Course Number	Name	Semester expected to take course
_____	_____	_____
_____	_____	_____

*Director of Undergraduate Studies  
for the B.S.-granting department:*

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

*MECE Director of Graduate Studies:*

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