

**DEPARTMENTAL HONORS PROGRAM**  
**in**  
***BIOMEDICAL ENGINEERING***  
**and**  
***INDUSTRIAL & SYSTEMS ENGINEERING***  
**(Semesters)**

### **1. Philosophy**

The Department of Biomedical, Industrial and Human Factors Engineering (BIE) recognizes students of superior ability and motivation by encouraging participation in the Departmental Honors Program. The honors program provides talented, highly motivated students the opportunity to develop their interests and professional skills by pursuing carefully structured programs of independent study.

### **2. Requirements for Admission**

To gain admission to the honors program, a student must have:

- a. A minimum overall grade point average of 3.25 on a 4.00 scale.
- b. Junior status in the program (i.e., 60 to 30 semester hours remaining for completion of the B.S. degree).

A student not meeting all of the above requirements may petition for special permission to enter the Honors Program.

### **3. Honors Advisor**

Each student in the honors program must select a faculty member as the honors advisor. The honors advisor agrees to help plan and oversee the student's honors study. The honors advisor must be approved by the department chair.

### **4. The Program**

Each student in the honors program selects one of the following two options (A or B):

A) Option A has two components – both are required:

- i) Research component: Complete an extra research project within a 4xxx (or 6xxx) level course, or take a separate independent study course of 3 credit hours, which can be used as an elective course towards graduation.
- ii) Advanced course component: Take a regular 7xxx level course of 3 credit hours or more offered by the BIE department, and receive a grade of B or higher.

B) Option B has only the research component: Take an independent study of at least 6 credit hours over two semesters or more to complete a more substantial research project with the same advisor. Only 3 credit hours can be used towards graduation. It is expected that, by the end of the project, the student will give an oral presentation, which is open to all faculty and students in the department.

### **5. Application Process**

During the Fall Semester of the junior year, the student begins the process of selecting the honors program and advisor. When all requirements for admission to the honors program are met and honors advisor and honors courses are selected, the student submits an application for admission to the Departmental Honors Program to the advisor. If the chosen honors program contains an independent

study course, the student must also submit a 1-2 page proposal for the planned independent study. The courses and study proposal will be evaluated and approved by the student's honors advisor.

## **6. Evaluation of Honors Project**

At the completion of the honors research project, a project grade will be given by the student's honors advisor based on the quality of work. A grade lower than B means the student has failed to meet the departmental honors requirement.

## **7. Honors Degree**

When a student has successfully completed the approved honors program of study, the Department of Biomedical, Industrial & Human Factors Engineering will notify the University Honors Program that the student completed all requirements for a degree with Departmental Honors.

If a student successfully completes the requirements for a degree with Departmental Honors AND the requirements for a degree with General Studies Honors, a degree with University Honors is awarded to a student at graduation.

## **8. Withdrawal**

A student may withdraw from the Departmental Honors Program at any time and resume the normal program of study. Any credit hours earned as part of the honors studies may be counted towards graduation requirements.

**HONORS PROGRAM APPLICATION**  
**Department of Biomedical, Industrial & Human Factors Engineering**

**Personal Information**

\_\_\_\_\_  
Name (First, Last)

\_\_\_\_\_  
University Number

\_\_\_\_\_  
Address (Street, Apt.)

\_\_\_\_\_  
City, State, Zip

\_\_\_\_\_  
Telephone/E-mail

\_\_\_\_\_  
Major

\_\_\_\_\_  
Expected Graduation Date

**Honors Program**

***For Option A***

\_\_\_\_\_  
Research Component (Course, Title)

\_\_\_\_\_  
Semester

\_\_\_\_\_  
Year

\_\_\_\_\_  
Advanced Course (Course, Title)

\_\_\_\_\_  
Semester

\_\_\_\_\_  
Year

***For Option B***

\_\_\_\_\_  
Course/Title

\_\_\_\_\_  
Semester

\_\_\_\_\_  
Year

\_\_\_\_\_  
Course/Title

\_\_\_\_\_  
Semester

\_\_\_\_\_  
Year

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Honors Advisor (Print)

\_\_\_\_\_  
Honors Advisor Signature

*Note: Students listing an independent study course must attach a written proposal.*

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**FOR DEPARTMENT USE**

Date Application Received: \_\_\_\_\_

***For Option A***

Research Project Grade: \_\_\_\_\_

Advisor Signature: \_\_\_\_\_

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

Advanced Course Grade: \_\_\_\_\_

***For Option B***

Course Grade First Semester: \_\_\_\_\_

Course Grade Second Semester: \_\_\_\_\_

Honors requirements fulfilled:  Yes  No

Date University Honors Program notified: \_\_\_\_\_

\_\_\_\_\_  
Department Chair

\_\_\_\_\_  
Date