

Combined BS/MS Degree Program in the Department of Biomedical, Industrial & Human Factors Engineering at Wright State University

The Department of Biomedical, Industrial & Human Factors Engineering offers a combined BS/MS degree program, which allows eligible students to receive both a BS (BME or ISE) and an MS (BME or IHE) degree in 5 years.

Admission Process

In the junior year, typically when between 60 and 30 hours are remaining for completion of the BS degree, a student interested in pursuing combined BS/MS degrees should submit the Application to a Combined Degree Program to the BIE Department. This application requires verification of eligibility by the department and approval of the Department Chair. Along with the application, the applicant is required to submit a graduate Program of Study, signed by the student's graduate faculty advisor and Department Chair.

Admission Requirements

The student must have (1) completed at least 75 semester credits of the course work required for the BS degree, (2) achieved a cumulative undergraduate GPA of at least 3.3, and (3) no grade lower than B in any engineering course to be admitted into the combined BS/MS program.

Application Deadlines

Applications are due two weeks prior to the end of the semester before the student expects to begin the program (i.e. two weeks before the end of the fall semester for spring admission and two weeks before the end of the spring semester for fall admission).

Admission Status

Once the application is approved in the BIE Department and the Graduate School, until completion of the undergraduate course requirements, the student remains in undergraduate status; however, students will be permitted to register independently for their approved graduate level courses. Following completion of the BS degree, the student will be transitioned to graduate status, provided the student's graduate GPA is 3.0 or higher.

BS/MS Coursework Options

Students can take up to fifteen (15) semester hours of graduate courses while in undergraduate status. The first nine (9) semester hours of graduate work will be counted on both the undergraduate and graduate transcripts. An additional six (6) semester hours of graduate work can be taken to count on the graduate transcript only. In other words, students can complete up to one-half of their MS degree while still in undergraduate status with a combination of dually counted and additional graduate coursework. Please be sure you understand how your selected graduate coursework will fulfill both BS and MS requirements when you apply to the program.

Graduate Program of Study Requirements

The graduate Program of Study that is submitted at the time of application to the BS/MS program must meet the requirements of the relevant graduate degree program, either BME or IHE. Both programs require 30 semester hours total. Other requirements exist for discipline-specific coursework (6000- or 7000-level), BIE Department coursework at the 7000-level, and approved coursework in mathematics, computations, or statistics. The graduate Program of Study should be turned in with the application and already signed by the student and the graduate faculty advisor.

Suggestions for developing a graduate Program of Study:

- Determine your preferred focus area(s) and meet with a faculty advisor for advice about which graduate courses would best suit your interests. The graduate advisor is required to sign the program of study that is submitted with the 4+1 application.
 - Thesis option students should meet with an advisor in their selected research focus area.
 - BME course option students should meet with Dr. Sunar for initial graduate advising.
 - ISE/IHE course option students should meet with Dr. Ganapathy for initial graduate advising.
- Use the graduate advising worksheets linked on the forms page of the BIE Department website to help you select courses based on your focus area. The BIE department staff contact for the 4+1 program can answer any questions you have during this process.
- The initial Program of Study is required for the BS/MS application, but any changes can be resubmitted later as needed.

Program Withdrawal

A student admitted to the combined BS/MS program may withdraw from the combined program and continue as a traditional undergraduate student. However, if the student is awarded a BS degree and becomes a graduate student again at a later time, rather than moving directly from the undergraduate program into the graduate program, the graduate credits applied to the BS degree cannot also be applied to the MS degree.

Program Dismissal

Failure to keep a minimum cumulative or discipline-specific undergraduate GPA of 3.0 or to complete the BS requirements within three years of admission to the combined degree program will result in dismissal from the combined BS/MS program.

Students whose graduate GPA is below 3.0 will be required to petition to be admitted conditionally to the Graduate School following the completion of the BS program.

Tuition

Students in the combined BS/MS degree program will pay undergraduate tuition through completion of the BS degree. Upon transition to the Graduate School, students will pay tuition at the graduate level.

Financial Aid

Students are eligible for undergraduate financial aid until completion of the BS requirements. Upon transition to the graduate school, they become eligible for graduate forms of financial aid, including graduate tuition scholarships and graduate assistantships.

Grades and Transcripts

Students will receive both undergraduate and graduate transcripts, from which two separate GPAs will be calculated. Credits that are dually counted will appear on both transcripts.

Application to a Combined Degree Program at Wright State University
Department of Biomedical, Industrial & Human Factors Engineering

Date Submitted: _____ University ID # _____

Name: _____
Last First Middle

Email: _____

Undergraduate major: BME BME pre-med ISE

Combined Program that you are applying to: BME IHE

Anticipated first term for graduate coursework: Fall Spring Summer **20** _____

Applicant must meet all departmental requirements:

- 75 or more undergraduate credit hours **earned toward BS degree**
- 3.3 or higher overall undergraduate GPA at WSU
- All required engineering courses to date completed with an A or B
- Graduate Program of Study signed by graduate faculty advisor and attached

Applicant Acknowledgment:

I certify that to the best of my knowledge the information given above and on record with the university is true. I understand that any misrepresentation of facts in this process, if discovered subsequently, will be cause for refusal of admission, cancellation of admission, or suspension from the university. By signing this application, I agree to abide by the policies of the university and the Graduate School. I understand that, should I fail to move directly from my undergraduate program into my graduate program, I will need to apply for admission to the graduate program, and graduate hours I earned before receiving my bachelor's degree may not satisfy degree requirements in that graduate program.

Signature (please handwritten or type; do NOT use digital signature file) Date

FOR DEPARTMENTAL USE ONLY

Date received: _____ Pending _____ semester grades/credits

Hours earned toward BS degree: _____ GPA (overall): _____ GPA (CECS courses): _____

Confirmed by: _____ Date: _____

Department Chair/Program Director: _____ Date: _____

The BIE Department will submit approved application with graduate program of study to the Graduate School, E-344 Student Union.

Date forwarded to Graduate School: _____

Graduate School Approval: _____ Date: _____