

Combined BS/MS Degree in Aerospace Engineering

Student Information Sheet- Updated Spring 2024

Admission Requirements:

The combined BS/MS program is open to top aerospace undergraduates whose academic performance is exceptional and who meet the following requirements:

- At least Junior status in department
- GPA of at least 3.6 overall
- Support of an ENAE faculty mentor

Nominal Schedule*:

ACADEMIC YEAR	FALL/SPRING SEMESTER	SUMMER
Junior Year	<ul style="list-style-type: none"> ● Submit BS/MS Application 	<ul style="list-style-type: none"> ● Start Masters' thesis research w/summer internship
Senior Year	<ul style="list-style-type: none"> ● Submit Graduate Application & Combined BS/MS Course Approval Forms (<i>early Fall</i>) ● Start taking graduate level courses 	<ul style="list-style-type: none"> ● Continue Masters' thesis research
1st Year Master's	<ul style="list-style-type: none"> ● Finish graduate level courses ● Finish master's thesis 	

**Note: Acceptance into the program does not guarantee successful completion of the program in one year.*

Application Checklist:

- Dept. of AE BS/MS Application Form (*this form*)
- Plan of Study
- Letter of support from an ENAE faculty member
- [Graduate School Combined BS/MS Form](#)
- [Clark School Combined Bachelors' and Masters' Course Request](#) (*please submit **after** approved*)
- [Grad Credit Permission Form](#) (*if taking courses for future grad credit*)
- [Senior Year] [Formal Application](#) to the Aerospace Graduate Program
- [Request for Transfer or Inclusion of Credit for Master's Degrees](#) (*please submit during your first semester as an M.S. student*)

Additional Details:

The great advantage of this program is that it may shorten the time it takes to complete a M.S. degree by one to two semesters. This is primarily due to students being allowed to take up to two courses during the senior year which can be double-counted toward both the BS and MS degrees (*one graduate aero class for their aerospace elective and an approved technical elective*). Students are also encouraged to take an additional course (*schedule permitting*) beyond their BS requirements for future credit towards their MS by submitting a [Graduate Credit Permission](#) form (*although this course will **not** double-count*).

The ENAE faculty member must agree to serve as the student's mentor for the combined BS/MS program. The faculty member should be interested in hiring the student hourly during the senior year and during the summer preceding it (***should faculty resources be available***) and should be planning to offer a Research Assistantship (*which gives a stipend, full tuition remission, and health benefits*) that will begin as soon as the student obtains the Bachelor's Degree. BS/MS applicants are encouraged to apply for the [Aerospace Engineering Research Opportunity Scholars \(AEROS\) Program](#) that is hosted during the summer.

For more information: Contact Dr. Kenneth Yu, Room 3152 EGR, yu@umd.edu, 5-1333

Leslie Davis, Room 3179 EGR, ldavis17@umd.edu, 5-0190

APPLICATION TO THE BS/MS PROGRAM
STUDENT INFORMATION SHEET - UPDATED SPRING 2024

STUDENT'S NAME: _____ STUDENT ID#: _____

FACULTY MENTOR FOR THE BS/MS PROGRAM: _____

Plan of Study for the BS/MS Program: List the 8 courses that will satisfy the 24 credits of coursework necessary for the Master's Degree in Aerospace Engineering. Three of these courses may be taken while the student is a senior and counted towards both the Bachelor's and the Master's degree. This plan must be approved by your faculty mentor, the Undergraduate Director, and Graduate Director.

COURSE NUMBER	COURSE NAME (DESCRIPTION)	SEMESTER COURSE TAKEN	DOUBLE COUNT (Y/N)

Statement of Support from ENAE Faculty Mentor: Please indicate what research area the student will pursue for the masters degree and indicate your willingness to support the student first as an undergraduate researcher (*paid hourly during the summer and the senior year*) and then as a graduate research assistant after graduation.

Signatures of Approval:

STUDENT: _____ DATE: _____

FACULTY MENTOR: _____ DATE: _____

UNDERGRADUATE DIRECTOR: _____ DATE: _____

GRADUATE DIRECTOR: _____ DATE: _____