

# MAE Combined (4/1) Program Instructions

## Eligibility and Information

- 3.33 undergraduate upper-division GPA is required
- 9 credits of graduate courses can double count toward undergraduate degree
- "B" or better is required in graduate courses to earn credit toward graduate degree

## Application Process

### Step 1:

- Determine which graduate courses you plan to take as an undergraduate student. Common substitutions include FEA, manufacturing, compressible flow, and other 5000-level courses that can count toward the specialization/technical elective requirements.

### Step 2:

- Enroll in selected graduate courses – generally three semesters prior to graduation so that you can enroll in one graduate course and three/four undergraduate courses each semester. All undergraduate students are able to enroll in graduate courses as long as prerequisites are met. Note that you will be charged graduate tuition.

### Step 3:

- Take the GRE exam 4-6 months before the MAE graduate application deadlines (December 5 for Fall admission and May 1 for Spring admission). The GRE is required for admission. For information about the GRE: <https://www.ets.org/gre/>
- Apply to graduate school and indicate "combined bachelor's/master's program" in your application. This can be completed at: <https://admissions.ufl.edu/apply/graduate/>

### Step 4:

- Complete the Combined Bachelor's and Master's Degree Request in your final semester and submit it to 219 MAE-A or [advising@mae.ufl.edu](mailto:advising@mae.ufl.edu). This form is available online at <https://admissions.ufl.edu/pdf/combdegreerequest.pdf>. A copy is attached to this document.
- It is important to submit this form in your final semester so that the courses you list on the form are accurate. The graduate courses listed on the form must match the ones that you have taken in order to receive credit.
- As long as you have the required 3.33 GPA and submit the form with accurate courses taken, your credits taken in the Combined (4/1) Degree Program will count.

## Course Substitutions for the Combined (4/1) Program

EML5526 substitutes for EML4507 (Finite Element Analysis)

EML6267, EML6323, and EML6324 substitutes for EML4321 (Manufacturing)

EML5714 substitutes for EAS4132 (Compressible Flow)

Any 5000/6000-level EML, EAS, or EGM course counts as a specialization elective, such as:

- EAS6242: Advanced Structural Composites
- EAS6415: Guidance and Control of Aerospace Vehicles
- EML5515: Gas Turbines and Jet Engines
- EML6281: Geometry of Mechanisms and Robots I
- EML6282: Geometry of Mechanisms and Robots II
- EML6417: Solar Energy Utilization

Any 5000/6000-level EML, EAS, EGM, EGN, or EGS course counts as a technical elective, such as:

- EGS6039: Engineering Leadership
- EGS6626: Fundamentals of Engineering Project Management
- EGN6640: Entrepreneurship for Engineers
- EGN6642: Engineering Innovation

## Frequently Asked Questions

### **When should I apply to the program?**

Undergraduate students can enroll in graduate courses at any time as long as they have the prerequisites. Students submit the (4/1) Degree Request form in their final semester. You must have at least a 3.33 upper-division GPA for courses to double-count.

### **Are GRE scores required for acceptance into the combined BS-MS program?**

No, you may enter the combined degree program based on your UF and upper-division GPA and you must complete the GRE before completion of your BS degree. The GRE is required for admission into the graduate program.

### **Does acceptance into the combined BS-MS program guarantee my acceptance into graduate school?**

No, graduate school admission is separate from acceptance into the combined degree program and being admitted into the combined degree program does not guarantee graduate school admission.

### **What are the requirements for the graduate admissions application? What about letters of recommendation?**

The graduate admissions process is separate from the (4/1) program. You can read about the application requirements here: <https://mae.ufl.edu/admissions/graduate/>

For letters of recommendation for the PhD program, 3 letters are required and it is ideal to have at least 2 letters from Assistant Professors, Associate Professors, or Professors. Letters for the PhD program are a major component of the application. Students seek out letters on their own accord.

For letters of recommendation for the MS program, 2 letters are required and students may receive these from employers or from any faculty members at UF. Letters for the MS program are a minor component of the application. Students seek out letters on their own accord.

### **I have questions about my application for graduate school. Whom should I contact?**

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