



Minor in Biofluids Engineering

Catalog Year 2021-2022

I. Math Foundations

Students must earn a "C" or better in these courses or their equivalents:

<input type="checkbox"/> MAC 2312	Calculus with Analytic Geometry II	4 hrs
<input type="checkbox"/> MAC 2313	Calculus with Analytic Geometry III	4 hrs
<input type="checkbox"/> MAP 2302	Ordinary Differential Equations I	3 hrs

II. Engineering Foundations

<input type="checkbox"/> EGN 3310	Engineering Analysis-Statistics	3 hrs
<input type="checkbox"/> EGN 3321	Engineering Analysis-Dynamics	3 hrs
<input type="checkbox"/> EGN 3343	Thermodynamics	3 hrs

III. Thermofluids Foundations

<input type="checkbox"/> EML 3701	Fluid Mechanics I	3 hrs
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IV. Thermofluids Elective

Students must complete at least 1 of the following:

<input type="checkbox"/> EML3034C	Modeling Methods in Mechanical & Aerospace Engineering	3 hrs
<input type="checkbox"/> EML 3101	Thermodynamics of Mechanical Systems	3 hrs
<input type="checkbox"/> EML 3303C	Mechanical Engineering Measurements	3 hrs
<input type="checkbox"/> EML 4142	Heat Transfer	3 hrs
<input type="checkbox"/> EML 4703	Fluid Mechanics II	3 hrs

V. Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades less than "C-" (1.75) are not accepted.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.
- Total semester hours must equate to 30 to complete the minor.