Minor in Biomechanics Engineering
Catalog Year 2021-2022

I. Math Foundations
Students must earn a “C” or better in these courses or their equivalents:
- MAC 2312  Calculus with Analytic Geometry II  4 hrs
- MAC 2313  Calculus with Analytic Geometry III  4 hrs
- MAP 2302  Ordinary Differential Equations I  3 hrs

II. Engineering Foundations
- EGN 3310  Engineering Analysis-Statistics  3 hrs
- EGN 3321  Engineering Analysis-Dynamics  3 hrs
- EGN 3343  Thermodynamics  3 hrs

III. Mechanics Foundations
- EGM 3601  Solid Mechanics  3 hrs

IV. Mechanics Elective
Students must complete at least 1 of the following:
- EML 3022C  Introduction to Computer Aided Engineering  3 hrs
- EML 3034C  Modeling Methods in Mechanical/Aerospace Engineering  3 hrs
- EML 3303C  Mechanical Engineering Measurements  3 hrs
- EML 3262  Kinematics of Mechanisms  3 hrs
- EML 3500  Design and Analysis of Machine Components  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.