

MINOR IN AEROSPACE ENGINEERING

To obtain a minor in Aerospace Engineering, a student must take the following courses:

MAE 201 Introduction to Aerospace Engineering

as well as two courses from Group A and two courses from Group B for a total of five courses (15 semester hours)

GROUP A

MAE 210 Thermodynamics
MAE 321 Fluid Mechanics
MAE 230 Statics
MAE 231 Strength of Materials
MAE 232 Dynamics

GROUP B

MAE 322 Advanced Fluid Mechanics
MAE 301 Astronautics
MAE 331 Aerospace Structures
MAE 342 Computational Methods in Aerospace Engineering
MAE 352 Engineering Materials: Properties and Applications
MAE 373 Flight Vehicle Dynamics
MAE 382 Aerodynamics Laboratory
MAE 412 Air Breathing Propulsion
MAE 413 Rocket Propulsion

Students may wish to take courses that focus in particular areas such as aerodynamics, structures, or dynamics.

Other requirements:

- 1. An MAE faculty minor advisor must be assigned**
- 2. The program of study must have a theme**
- 3. The program of study must be approved by the MAE Undergraduate Curriculum Committee**