

AE Specialty: Propulsion

The following courses are suggested for AE majors who want their degree to reflect their interest in developing a foundation in gas dynamics, combustion, and heat transfer so they might explore the complex systems that compose modern propulsion devices and energy systems.

AE Options:

- AE 4040 – Computational Fluid Dynamics
- AE 4080 – Aerothermodynamics
- AE 4453 – Advanced Aircraft Propulsion

Math:

- MATH 4581 – Classical Mathematical Methods in Engineering OR
- MATH 3215 – Intro to Probability and Statistics

Free Electives:

- AE 4060 – Aeroacoustics
- ME 3345 – Heat Transfer
- AE/ME 4760 – Acoustics and Noise Control