

MAE DEPARTMENT

List of Approved Technical Electives Per Focus Area

AE Program

Aircraft Design

Any three (3) courses from the following: AE 169, ME 114, ME 149, ME 160, ME 165, ME 187, CE 114, ME 135, MATH 129A, Math 133B.

Space Systems

AE 110, plus two (2) additional courses from the following: AE 169, ME 114, ME 160, ME 165, ME 187, CE 114, ME 135, Math 129A, Math 133B.

Space Transportation & Exploration

AE 110, AE 169, and one (1) additional course from the following: ME 114, ME 160, ME 165, ME 187, CE 114, ME 135, Math 129A, Math 133B.

Technical elective courses can be chosen in consultation with an AE Program Academic Advisor.

ME Program

Mechanical Design

ME 110 and either ME 160 or ME 165, plus two (2) additional courses with major program academic advisor's approval.

Thermal Fluids

Any two (2) course from the following: ME 146, ME 170, ME 172, ME 183, AE 162, AE 164, AE 167, AE 169, and CE 150.

Plus two (2) additional courses with the major program academic advisor's approval.

Mechatronics

ME 187, ME 192, plus two (2) additional courses with the major program academic advisor's approval.

Subject to the approval of the major program academic advisor, students may take graduate courses from the department course offerings.