

MINOR IN AEROSPACE SCIENCE

Required Courses - Materials Science Engineering Majors only

| Code | Title | Credit Hours |
|--|--|--------------|
| MMAE 304 | Mechanics of Aerostructures | 3 |
| MMAE 311 | Compressible Flow | 3 |
| MMAE 312 | Aerodynamics of Aerospace Vehicles | 3 |
| MMAE 313 | Fluid Mechanics | 3 |
| Select a minimum of one course from the following: | | 3 |
| MMAE 350 | Computational Mechanics | 3 |
| MMAE 352 | Aerospace Propulsion | 3 |
| MMAE 410 or MMAE 411 | Aircraft Flight Mechanics Spacecraft Dynamics | 3 |
| MMAE 443 | Systems Analysis and Control | 3 |
| Total Credit Hours | | 15 |

Required Courses - Mechanical Engineering Majors only

| Code | Title | Credit Hours |
|---|--|--------------|
| MMAE 311 | Compressible Flow | 3 |
| MMAE 312 | Aerodynamics of Aerospace Vehicles | 3 |
| MMAE 352 | Aerospace Propulsion | 3 |
| Select one course from each of the following groups of courses: | | 6 |
| MMAE 410 or MMAE 411 | Aircraft Flight Mechanics Spacecraft Dynamics | 3 |
| MMAE 412 or MMAE 414 | Spacecraft Design I Aircraft Design I | 3 |
| Total Credit Hours | | 15 |