

| Fall | | | Spring | | | Summer | | |
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| 3150:151 | Principles of Chemistry I | 3 | 3650:291 | Elementary Classical Physics I | 4 | | | |
| 3150:152 | Principles of Chem I Lab | 1 | 7600:105/106 | Oral Communications Elective | 3 | | | |
| | | | 3300:112 or | | | | | |
| 3300:111 | English Composition I | 3 | 2020:222 | English Composition Elective | 3 | | | |
| 3450:221 | Analytical Geometry-Calculus I | 4 | 3450:222 | Analytical Geometry-Calculus II | 4 | | | |
| | | | | Aerospace Systems Engineering Project | | | | |
| 4900:165 | Tools for Aerospace Systems Engineering | 2 | 4900:166 | Management | 1 | | | |
| 5540:xxx | Physical Education Elective | 1 | | Social Science Elective | 3 | | | |
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| 3650:292 | Elementary Classical Physics II | 4 | 4600:203 | Dynamics | 3 | | | |
| 4300:201 | Statics | 3 | 4300:202 | Mechanics of Solids | 3 | 4100:300 | Mandatory Co-Op | |
| 3450:223 | Analytical Geometry-Calculus III | 4 | 3450:335 | Intro. To Ordinary Differential Equations | 3 | | | |
| 3250:244 | Intro to Economic Analysis | 3 | 4400:307 | Basic Electrical Engineering | 4 | | | |
| 3400:210 or | Humanities in the W. Trad. 1 or Humanities | | | | | | | |
| 3400:221 | in the World since 1300 | 4 | 4600:260 | Engineering Analysis I | 2 | | | |
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| 4600:300 | Thermodynamics I | 3 | | | | 4800:470 | Human Factors Eng. | 3 |
| 4600:310 | Fluid Mechanics I | 2 | | | | 4900:380 | Aerospace Materials | 3 |
| 4900:336 | Aerospace Structures | 3 | 4100:301 | Mandatory Co-Op | | 4900:340 | Avionics I & Lab | 3 |
| 4900:240 | Aerospace Systems Engineering I | 3 | | | | | | |
| 6200:201 | Accounting Principles I | 3 | | | | | | |
| 4600:360 | Engineering Analysis II | 2 | | | | | | |
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| | | | 4600:315 | Heat Transfer | 3 | | | |
| | | | 4600:411 | Compressible Fluid Mech. | 3 | 4100:403 | Mandatory Co-Op | |
| 4100:302 | Mandatory Co-Op | | 4600:337 | Design of Mechanical Components | 3 | | | |
| | | | 4600:413 | Intro to Aerodynamics | 3 | | | |
| | | | 4600:483 | Measurements Lab | 2 | | | |
| | | | | Areas Studies/Cult. Div. Elective | 2 | | | |
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| 4600:400 | Thermal System Comp. | 3 | 4900:420 | Object Oriented Design & Management | 3 | | | |
| 4600:460 | Concepts of Design | 3 | 4900:450 | Aerospace Computations | 3 | | | |
| 4600:414 | Intro to Aero Propulsion | 3 | 4900:440 | Avionics II and Lab | 3 | | | |
| 4600:412 | Fundamentals of Flight | 3 | 4900:460 | Aero Systems Manufacturing | 3 | | | |
| 4900:320 | Aerospace Systems Engineering II | 3 | 4900:490 | Aerospace Design Proj. | 2 | | | |
| | | | | Humanities Elective | 3 | | | |
| | | 15 | | | 17 | | | |

Notes:

See Undergraduate Bulletin for Approved General Education Courses
See Mechanical Engineering Departmental Office for Approved Electives

For completion of this degree program, students will need to complete several required Co-Ops with corporations or governmental entities. If you are not a citizen, national of the United States or a permanent resident alien you may not be able to participate in the Co-Ops based on export control laws and will not be able to complete the degree program. If you are not a citizen, national of the United States or a permanent resident alien please contact the Engineering Dean's office to determine if you will be able to complete the degree program prior to admission into the program.

Curriculum Flow Chart - - Aerospace Systems Engineering - Co-op

