AEROSPACE ENGINEERING, B.S.

Begin Campus: Any Penn State Campus

End Campus: University Park

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2021-22 academic year. To access previous years’ suggested academic plans, please visit the archive (https://bulletins.psu.edu/undergraduate/archive/) to view the appropriate Undergraduate Bulletin edition (Note: the archive only contain suggested academic plans beginning with the 2018-19 edition of the Undergraduate Bulletin).

Aerospace Engineering, B.S. at University Park Campus

The course series listed below provides only one of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an academic plan or What If report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

If you are starting at a campus other than the one this plan is ending at, please refer to: http://advising.engr.psu.edu/degree-requirements/academic-plans-by-major.aspx

<table>
<thead>
<tr>
<th>Suggested Academic Plan</th>
<th>Credits</th>
<th>General Education Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 110 (GN)</td>
<td>3</td>
<td>1 General Education Course†</td>
</tr>
<tr>
<td>ECON 102 or 104 (GS)‡</td>
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<tr>
<td>MATH 140 or 140E (GQ)†</td>
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<tr>
<td>PHYS 211 (GN, PHYSICS 211L &amp; PHYSICS 211R)†</td>
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<tr>
<td>AERSP 1 or 97 (or First Year Seminar)†</td>
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<td><strong>Total</strong></td>
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<td><strong>17</strong></td>
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<td>Second Year</td>
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<td>Fall</td>
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<tr>
<td>CMPSC 201</td>
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<td>EMCH 210</td>
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<td>MATH 220</td>
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<td>General Education Course†</td>
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<tr>
<td><strong>Total</strong></td>
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<td><strong>17</strong></td>
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<tr>
<td>Third Year</td>
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<tr>
<td>Fall</td>
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<tr>
<td>AERSP 301*</td>
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<td>AERSP 309*</td>
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<td>AERSP 311*</td>
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<td>AERSP 313*</td>
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<tr>
<td>ENGL 202C (GWS)††</td>
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<tr>
<td><strong>Total</strong></td>
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<tr>
<td>Fourth Year</td>
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<tr>
<td>Fall</td>
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<tr>
<td>AERSP 401A or 402A</td>
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<td>1.5 General Education Course†</td>
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<tr>
<td>AERSP 410</td>
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<td>AERSP 413 or 450</td>
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<td>AERSP Technical Elective</td>
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<tr>
<td>General Education Course (GHW)†</td>
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<td><strong>Total</strong></td>
<td><strong>16.5</strong></td>
<td><strong>17</strong></td>
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University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy University Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

GWS, GQ, GHW, GN, GA, GH, and GS are abbreviations used to identify General Education program courses. General Education includes Foundations (GWS and GQ) and Knowledge Domains (GHW, GN, GA, GH, GS, and Integrative Studies). Foundations courses (GWS and GQ) require a grade of ‘C’ or better.

Integrative Studies courses are required for the General Education program. N is the suffix at the end of a course number used to designate an Inter-Domain course and Z is the suffix at the end of a course number used to designate a Linked course.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and replace both ENGL 30H and CAS 100. Each course is 3 credits.

College Notes:

- AERSP 401A/AERSP 401B and AERSP 402A/AERSP 402B: Students may schedule either the spacecraft design sequence (AERSP 401A and AERSP 401B) or the aircraft design sequence (AERSP 402A and AERSP 402B). The appropriate control course (AERSP 413 or AERSP 450) should be scheduled accordingly.

- AERSP Technical Elective: Select from department list. Students who complete the Cooperative Education Program may substitute 3 co-op credits for a Technical Elective and 3 co-op credits for a Limited Elective.
• **Health and Physical Activity Elective (GHW):** Students who complete the ROTC Program may substitute 3 ROTC credits for the GHW requirement and 3 ROTC credits for a Limited Elective.

• **Limited Elective:** Select from department list. Students who complete the ROTC Program may substitute 3 ROTC credits for the GHW requirement and 3 ROTC credits for a Limited Elective. Students who complete the Cooperative Education Program may substitute 3 co-op credits for a Technical Elective and 3 co-op credits for a Limited Elective.

• **These courses offered at University Park in fall semester only:**
  - AERSP 301
  - AERSP 309
  - AERSP 311
  - AERSP 313
  - AERSP 401A
  - AERSP 402A
  - AERSP 410
  - AERSP 413
  - AERSP 450

• **These courses offered at University Park in spring semester only:**
  - AERSP 304
  - AERSP 306
  - AERSP 312
  - AERSP 401B
  - AERSP 402B

• **These courses offered at University Park in fall and spring semesters:**
  - AERSP 305W
  - AERSP 424