

Recommended courses for Aerospace Engineering First Year Students *with Calc 1 or higher:*

Fall

APPM 1350 (Calculus 1; may be pre-enrolled) - 4 credits

Lower-Division Humanities & Social Science course - 3 credits

Free Elective (may be pre-enrolled in a course; suggestion/optional: COEN 1350) - 1 credit

***Note that first semester, first year students are limited to **17 total** credit hours

Ensure you are enrolled in 1 of these courses for fall semester:

ASEN 1320 (Computing & Engineering Applications) - 4 credits *(or take in spring)*

PHYS 1110 (General Physics 1) - 4 credits *(or take in spring)*

Choose 1 more course:

Engr Projects: ASEN 1403 or GEEN 1400 - 3 credits *(or can take in spring)*

ENES 1010 – meets writing requirement - 3 credits

Spring *(you will enroll in late-November)*

APPM 1360 (Calculus 2) - 4 credits

ASEN 1022 (Materials Science) - 3 credits *(offered spring semester only)*

Lower-Division Humanities & Social Science course - 3 credits

Enroll in course(s) not taken in fall semester:

ASEN 1320 (Computing & Engineering Applications) - 4 credits

PHYS 1110 (General Physics 1) - 4 credits

May choose 1 more course:

Engr Projects: ASEN 1400 or GEEN 1400 - 3 credits *(if not taken in fall)*

ENES 1010 – meets writing requirement - 3 credits

Another Lower-Division Humanities & Social Science course - 3 credits

**Note that other than your math sequence and ASEN 1022, any of these courses can be taken in any sequence/semester (either in fall or spring semester).*

***To ensure you are eligible to enroll in Sophomore / Year 2 courses for Aerospace Engineering, you must complete the following courses during your Freshman / Year 1 with a grade of “C” or higher:*

1. Calculus 1
2. Calculus 2
3. ASEN 1320
4. PHYS 1110

Recommended courses for Aerospace Engineering First Year Students *with Precalculus or Calculus 1 A:*

Fall

APPM 1340 (Calculus 1 with Algebra Part A) or APPM 1235 (Precalculus) - 4 credits
ASEN 1320 (Computing & Engineering Applications; may be pre-enrolled) - 4 credits
GEEN 3830 - (Special Topics: Engr Analy & Prob. Solv; may be pre-enrolled if in Precalc) - 3 credits
A Humanities & Social Science (H&SS) course - 3 credits (or choose a course from right column)
Free Elective (may be pre-enrolled in a course) - 1 credit

***Note that first semester, first year students are limited to **17 total** credit hours

Choose 1-2 more courses to add to fall (not to exceed 17 credits):

Engr Projects: ASEN 1403 or GEEN 1400 - 3 credits
ENES 1010 – meets writing requirement - 3 credits
Another Humanities & Social Science (H&SS) course - 3 credits

Spring (you will enroll in late-November)

APPM 1345 (Calculus 1 with Algebra Part B) or APPM 1350 (Calculus 1) - 4 credits
ASEN 1022 (Materials Science) - 3 credits (*offered spring semester only*)
PHYS 1110 (General Physics 1) - 4 credits

Choose 1-2 courses not taken in fall semester:

ASEN 1320 (Computing & Engineering Applications) - 4 credits (*if not taken in fall*)
Engr Projects: ASEN 1400 or GEEN 1400 - 3 credits (*if not taken in fall*)
ENES 1010 – meets writing requirement - 3 credits
A Humanities & Social Science (H&SS) course - 3 credits

*****To ensure you are eligible to enroll in Sophomore / Year 2 courses for Aerospace Engineering, you must complete the following courses during your Freshman / Year 1 and summer semester with a grade of “C” or higher:***

1. Calculus 1
2. Calculus 2 -- ****MUST BE TAKEN SUMMER SEMESTER****
3. ASEN 1320
4. PHYS 1110