

AEROSPACE ENGINEERING, MINOR

Saint Louis University's aerospace engineering minor is open to students pursuing a bachelor's degree in aviation science, mathematics, computer science, physics, electrical and computer engineering, civil engineering or biomedical engineering.

Requirements

SLU's minor in aerospace engineering requires 18 credits of coursework and at least five AENG or other engineering courses at the 2000 level or above that are beyond the requirements of the student's major.

| Code | Title | Credits |
|--|--|-----------|
| AENG 2020 | Introduction to Aero and Astro Engineering | 1 |
| Aerospace Engineering Electives | | |
| Select a minimum of two courses from the following beyond the requirements of the student's major: | | 6-15 |
| AENG 3000 | Performance | |
| AENG 3050 | Design of Space Missions | |
| AENG 3150 | Astrodynamics | |
| AENG 3230 | Compressible Flow | |
| AENG 3240 | Aerodynamics and Boundary Layer Flow | |
| AENG 4110 | Flight Vehicle Structures | |
| AENG 4210 | Propulsion | |
| AENG 4400 | Stability and Control | |
| Engineering Electives | | |
| Select a maximum of three courses from the following beyond the requirements of the student's major: | | 0-9 |
| MENG 2100X | Statics | |
| MENG 2150 | Dynamics | |
| MENG 2310 | Thermodynamics | |
| MENG 3105 | Mechanics of Solids | |
| MENG 3110 | Linear Vibrations | |
| MENG 3200 | Fluid Dynamics | |
| AENG 3410 | Analysis and Control of Linear Systems | |
| Total Credits | | 16 |

Non-Course Requirements

All Science and Engineering B.A. and B.S. students must complete an exit interview/survey near the end of their bachelor's program.

Continuation Standards

- Grades in all minor courses must be "C" or better.
- Students must maintain a minimum 2.00 GPA.