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.

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>AENG 2020</td>
<td>Introduction to Aero and Astro Engineering</td>
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**Aerospace Engineering Electives**

Select a minimum of two courses from the following beyond the requirements of the student’s major:

- 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:

- 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.