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 ESCI 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 2000</td>
<td>Intro to Aeronautics &amp; Astron</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 3100  Computer Aided Engineering
- AENG 3150  Astrodynamics
- AENG 3210  Gas Dynamics
- AENG 3220  Aerodynamics
- AENG 4110  Flight Vehicle Structures
- AENG 4210  Propulsion
- AENG 4400  Stability and Control

**Engineering Sciences Electives**

Select a maximum of three courses from the following beyond the requirements of the student’s major:

- ESCI 2100  Statics
- ESCI 2150  Dynamics
- ESCI 2300  Thermodynamics
- ESCI 3100  Mechanics of Solids
- ESCI 3110  Linear Vibrations
- ESCI 3200  Fluid Dynamics
- ESCI 3410  Analysis and Control of Linear Systems

Total Credits 18

**Continuation Standards**

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