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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<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.