PHYSICS, MINOR

Saint Louis University offers a minor in physics through the School of Science and Engineering. By pursuing a minor in physics, students increase problem-solving, reasoning and analytical skills, which will give them an advantage in many career paths. A minor in physics will broaden students’ understanding of the world and enhance their career prospects.

This minor requires 22 credits of physics.

Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PHYS 1610 &amp; PHYS 1620</td>
<td>University Physics I and University Physics I Laboratory</td>
<td>4</td>
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<tr>
<td>PHYS 1630 &amp; PHYS 1640</td>
<td>University Physics II and University Physics II Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 2610 &amp; PHYS 2620</td>
<td>Modern Physics and Modern Physics Lab</td>
<td>4</td>
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Elective Courses

Select three of the following (one with lab): 10

- PHYS 3110 Classical Mechanics
- PHYS 3310 Optics
- PHYS 3320 Optics Laboratory
- PHYS 3410 Thermodynamics and Statistical Mechanics
- PHYS 3510 Analog & Digital Electronics
- PHYS 3610 Modern Physics II
- PHYS 3860 Physics Research I
- PHYS 3910 Co-Op with Industry
- PHYS 3915 Internship with Industry
- PHYS 3980 Independent Study
- PHYS 4010 Nanoscience and Nanofabrication Frontiers
- PHYS 4020 Experimental Physics
- PHYS 4110 Intro to Biophysics
- PHYS 4210 Electricity & Magnetism
- PHYS 4610 Quantum Mechanics
- PHYS 4840 Senior Inquiry: Thesis
- PHYS 4870 Physics Research II
- PHYS 4880 Senior Inquiry: Research Project
- PHYS 4890 Senior Inquiry: Comprehensive Examination
- PHYS 4910 Co-Op with Industry
- PHYS 4915 Internship with Industry
- PHYS 4930 Special Topics

Total Credits 22

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

Students must have a grade point average (GPA) of 2.00 in physics minor coursework to be retained in the minor.