**PHYSICS, MINOR**

Saint Louis University offers minors in physics through the School of Science and Engineering.

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>
</tr>
<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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</table>

**Elective Courses**

Select three of the following (one with lab):

- PHYS 3110 Classical Mechanics
- PHYS 3120 Advanced Classical Mechanics
- PHYS 3310 Optics
- PHYS 3320 Optics Laboratory
- PHYS 3410 Thermodynamics and Statistical Mechanics
- PHYS 3510 Analog & Digital Electronics
- PHYS 3610 Atomic, Molecular and Solid-State Physics
- PHYS 3860 Physics Research I
- PHYS 3910 Co-Op with Industry
- PHYS 3915 Internship with Industry
- PHYS 3980 Independent Study
- PHYS 4010 Nanoscience Frontiers
- PHYS 4020 Experimental Physics
- PHYS 4110 Intro to Biophysics
- PHYS 4210 Electricity & Magnetism I
- PHYS 4220 Electricity & Magnetism II
- PHYS 4410 General Relativity
- PHYS 4610 Quantum Mechanics
- PHYS 4620 Application of 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

### Continuation Standards

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