PHYSICS MINOR

Curriculum
A minimum grade of C- must be earned to satisfy a course requirement and a 2.0 minimum overall GPA is required for each major or minor. Final confirmation of degree requirements is subject to department, school, and university approval.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>PHYS 121</td>
<td>College Physics I Lec/Dis</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 111L</td>
<td>College Physics Laboratory I</td>
<td>1</td>
</tr>
<tr>
<td>PHYS 122</td>
<td>College Physics II Lec/Dis</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 112L</td>
<td>College Physics Lab II</td>
<td>1</td>
</tr>
<tr>
<td>PHYS 235</td>
<td>Modern Physics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 235L</td>
<td>Modern Physics Laboratory</td>
<td>1</td>
</tr>
</tbody>
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Physics Elective
Select one 200/300 level Physics or equivalent course 3

MATH 355 Methods of Applied Mathematics

Math Courses
MATH 161 Calculus I 4
MATH 162 Calculus II 4
MATH 263 Multivariable Calculus 4
MATH 264 Ordinary Differential Equations 3

Total Hours 30

Learning Outcomes
The minor in Physics is a perfect fit for students interested in science and with aptitude in mathematics, but who do not wish to pursue a career in physics. A minor in physics gives a strong basic background in physics and mathematics that will enhance a career in other areas such as: chemistry, biology, social sciences, computational sciences, humanities, or business.

Students take the basic lecture and laboratory physics courses with the physics majors, including a participation in the Freshman Projects; they also take the basic mathematics courses.

By completing the Minor in Physics, students will:

- Acquire foundational knowledge in the physical sciences
- Possess an understanding of the basic mathematics needed to solve problems
- Acquire basic skills for analytical thinking and problem solving
- Gain an understanding and appreciation of interdisciplinary approach involving physical sciences, mathematics and other disciplines.