PHYSICS MINOR

Everything around you is influenced or governed by physics — the study of matter, energy, and their interactions with one another. Physics seeks to understand the way the universe "works," from the smallest neutrinos to the structure of the cosmos. It is the foundation of all other natural sciences, including chemistry, biology, oceanography, geography, and radiography.

The Department of Physics and Astronomy offers eight degree tracks:

- B.A. Physics
  - Physics
  - Astronomy
  - Computational Physics
  - Energy
  - Medical and Biological Physics
  - Quantitative Finance
- B.S. Physics
  - Physics
  - Astrophysics

Consider a B.A. degree if you're interested in physics but want to apply your training toward a wider variety of career paths after graduation. Students who completed this program have launched careers as lab researchers, application engineers, data scientists, and financial analysts, among other occupations. Some have also pursued an advanced degree in physics, medical physics, business, law, or computer science.

Consider a B.S. degree if you intend to pursue graduate study in physics, astronomy, or a related field, or a career practicing physics.

Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (http://catalog.unc.edu/undergraduate/degree-requirements/).

The minor in physics consists of five courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Core Requirements</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 118</td>
<td>Introductory Calculus-based Mechanics and Relativity ¹,F</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 119</td>
<td>Introductory Calculus-based Electromagnetism and Quanta ²,F</td>
<td>4</td>
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<td>Three additional courses chosen from ASTR 202, ASTR (numbered above 300), and PHYS (numbered above 200). Each course must be 3 credit hours or more.</td>
<td>9</td>
<td></td>
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<tr>
<td>Total Hours</td>
<td>17</td>
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Physics Advisor (Students with Last Names Beginning with H–I, and Astrophysics and Astronomy Majors and Minors)
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