ENGINEERING PHYSICS MAJOR (B.S.)

https://ceps.unh.edu/physics/program/bs/engineering-physics-major

Description

The goal of the UNH BSEP program is to produce broadly-trained engineers who can provide solutions to today's challenging problems in support of a technologically evolving society. The core of the program is based on interdisciplinary training, complemented with a deeper understanding of the physical principles needed to support careers in engineering, engineering research or, perhaps, further training in systems engineering. The program balances depth and breadth in skill development; flexibility and functionality are what drive the program in the sense that 1) the particular focus is based on the student's interests, and 2) the breadth of the course selection is guided by the post-graduation goals of the student (e.g., employment versus graduate school).

Requirements

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<th>Code</th>
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<tr>
<td>CHEM 403</td>
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<tr>
<td>or CHEM 405</td>
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<tr>
<td>CS 410P</td>
<td>Introduction to Scientific Programming/Python</td>
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<td>or IAM 550</td>
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<td>MATH 527 &amp; MATH 528</td>
<td>Differential Equations with Linear Algebra and Multidimensional Calculus</td>
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<td>or MATH 525 &amp; MATH 526</td>
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A student must have a minimum grade of C in each 400- or 500-level courses that are part of the core requirements and an overall grade-point average of 2.33 in these courses in order to continue in the program.

Degree Plan

Aerospace Track (p. 1)

Engineering Research Track (p. 2)

Aerospace Track

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### Engineering Physics Major (B.S.)

**Third Year**

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**Fourth Year**

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**Total Credits**

| Credits | **119** |

### Engineering Research Track

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**Second Year**

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**Total Credits**

| Credits | **134** |