

# PHYSICS, MINOR

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## Minor in Physics (365000M)

Physics provides the foundation for a broad range of technical fields. The Minor in Physics is designed for majors in science, engineering, mathematics, and education who have an interest in physics beyond the introductory level. This minor includes a set of classes that will deepen your understanding of fundamental principles and introduce you to new concepts that lie at the heart of emerging technologies.

The following information has official approval of the **Department of Physics** and **The Buchtel College of Arts & Sciences**, but is intended only as a guide. Completion of this minor is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.

The following courses constitute a "Minor in Physics" and must be completed with a minimum grade point average of 2.0 overall for the minor to be noted on the student's record. Please refer to the University Requirements for Minor Areas of Study (<https://bulletin.uakron.edu/undergraduate/important-policies/graduation-requirements/#minor-req>) for specific graduation information regarding minors.

## Summary

| Code               | Title | Hours     |
|--------------------|-------|-----------|
| Required Courses   |       | 15        |
| Electives          |       | 7         |
| <b>Total Hours</b> |       | <b>22</b> |

## Required Courses

| Code               | Title                           | Hours     |
|--------------------|---------------------------------|-----------|
| PHYS:291           | Elementary Classical Physics I  | 4         |
| PHYS:292           | Elementary Classical Physics II | 4         |
| PHYS:301           | Modern Physics                  | 3         |
| MATH:222           | Analytic Geometry-Calculus II   | 4         |
| <b>Total Hours</b> |                                 | <b>15</b> |

## Electives

| Code  | Title | Hours    |
|---|-------|----------|
| Select 7 credits of approved 300/400 level physical sciences electives <sup>1</sup> |       | 7        |
| <b>Total Hours</b>  |       | <b>7</b> |

<sup>1</sup> At least 6 credits must be Physics (PHYS) courses