

# MINOR IN PHYSICS

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A minor in physics is intended to provide an in-depth study of physics to non-physics majors entering into a global and diverse workforce where a multidisciplinary science and engineering background is increasingly common. It will also serve those students who, through elective physics course studies, have developed a greater interest in the discipline, or who plan to enter graduate school in an area where a strong physics background is useful.

The objective of the minor is to strengthen the student's knowledge of the fundamental physical concepts underlying all of modern science and engineering. The minor will help the student develop analytical problem-solving skills and reinforce their ability to engage in scientific thinking.

Minor Program of Study & Guidelines

## Program of Study

| Code   | Title                          | Credit Hours |
|--|--------------------------------|--------------|
| <b>Required Courses</b>  |                                |              |
| PHYS 2213  | Introduction to Modern Physics | 3            |
| PHYS 3143  | Quantum Mechanics I            | 3            |
| Select one of the following:   |                                | 3            |
| PHYS 3201 Classical Mechanics I  |                                |              |
| PHYS 3122 Electrostatics and Magnetostatics                                      |                                |              |
| PHYS 3141 Thermodynamics   |                                |              |
| <b>Electives</b>   |                                |              |
| Select elective PHYS courses to fulfill 15 credit hour requirement. <sup>1</sup> |                                | 6            |
| <b>Total Credit Hours</b>  |                                | <b>15</b>    |

<sup>1</sup> 3000 and 4000 level courses.