About This Minor . . .

Physics is the study of the universe: what it is made of and how it works, ranging from stars and galaxies to atoms and nuclei and everything in between. Physics forms the foundation of many technical fields, including electronics and optics. Physics features prominently in many of the hottest areas of current research and innovation, such as the multidisciplinary fields of nanotechnology and biophysics.

A physics minor is a good complement to a mathematics, chemistry, geology, environmental science, or biology major.

POLICIES:
1. Please see the catalog for a complete list of graduation requirements.
2. This program sheet must be submitted with your graduation planning sheet to your advisor during the semester prior to the semester of graduation, no later than October 1 for spring graduates, no later than March 1 for fall graduates. You must turn in your “Intent to Graduate” form to the Registrar’s Office by September 15 if you plan to graduate the following May, and by February 15 if you plan to graduate the following December.
3. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the Department Head for signature. Finally, the Department Head will submit the signed forms to the Registrar’s Office. (Students cannot handle the forms once the advisor signs.)
4. If your petition for graduation is denied, it will be your responsibility to reapply for graduation in a subsequent semester. Your “Intent to Graduate” does not automatically move to a later graduation date.
5. NOTE: During your senior year, you will be required to take a capstone exit assessment/project (e.g., Major Field Achievement Test)
Students should work closely with a faculty advisor when selecting and scheduling courses prior to registration. See “Requirements for Undergraduate Degrees and Certificates” in the catalog for additional graduation information.

Minor Requirements:
- At least 33 percent of the credit hours required for the minor must be in courses numbered 300 or above.
- 2.00 cumulative GPA or higher in the minor is required.
- The number of minors a student may receive at Colorado Mesa University shall not exceed two.
- A student must follow the CMU graduation requirements either from 1) the program sheet for the major in effect at the time the student officially declares a major; or 2) a program sheet for the major approved for a year subsequent to the year during which the student officially declares the major and is approved for the student by the department head. Because a program may have requirements specific to the degree, the student should check with the faculty advisor for additional criteria. It is the student’s responsibility to be aware of, and follow, all requirements for the degree being pursued. Any exceptions or substitutions must be approved by the student’s faculty advisor and Department Head.

### REQUIRED COURSES (20 Semester Hours)

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<tr>
<th>Course No</th>
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<th>Sem.hrs</th>
<th>Grade</th>
<th>Term/Trns</th>
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<tbody>
<tr>
<td>PHYS 131</td>
<td>Fundamental Mechanics</td>
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<td>PHYS 131L</td>
<td>Fundamental Mechanics Lab</td>
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<td>PHYS 132</td>
<td>Electromagnetism &amp; Optics</td>
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<td>PHYS 231</td>
<td>Modern Physics</td>
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<td>PHYS 494</td>
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<td><strong>Upper Division Physics Elective</strong></td>
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<td><strong>Choose one of the following:</strong></td>
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<td>PHYS</td>
<td>PHYS 311 Electromagnetic Theory I</td>
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<td>PHYS 321 Quantum Theory</td>
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<td>PHYS 362 Statistical &amp; Thermal Physics</td>
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<td>PHYS 342 Advanced Dynamics</td>
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