



# Physics - Associate of Science Degree

Recommended Degree Plan by Semester

\*(A total of 60 college level credit hours needed to complete this degree.)



| Semester 1  |   |              | Semester 2                |  |              |
|---|---|--------------|---------------------------|--|--------------|
| Course  | Course Name   | Credit Hours | Course                    | Course Name  | Credit Hours |
| ENG 121   | English Composition I   | 3            | ENG 122                   | English Composition II   | 3            |
| MAT 201   | Calculus I <i>(required course)</i>   | 5            | MAT 202                   | Calculus II <i>(required course)</i>   | 5            |
| COM 115<br>or 125   | Public Speaking or<br>Interpersonal Communication                               | 3            | Humanity                  | <i>(See courses on semester sheet and in schedule)</i>   | 3            |
| PHY 211<br>(Devel. Math and Devel. Eng)   | Physics: Calculus-based I <i>(required course)</i>                              | 5            | PHY 212                   | Physics: Calculus-based II <i>(required course)</i>  | 5            |
| <b>Total Hours</b>  |   | <b>16</b>    | <b>Total Hours</b>        |  | <b>16</b>    |
| Semester 3  |   |              | Semester 4                |  |              |
| CHE 111   | General College Chemistry I <i>(required course)</i>                            | 5            | CHE 112                   | General College Chemistry II or<br>or CSC 160 Computer Science I   | 4-5          |
| Social & Behavioral Science<br><i>(See courses on semester sheet and in class schedule)</i> |   | 3            | History                   | US History or Western Civilization   | 3            |
| MAT 203<br>or 204   | Calculus III or Calculus III with<br>Engineering Apps. <i>(required course)</i> | 4-5          | Humanity                  | <i>(See courses on course sheet and in schedule -<br/>must be in a different area than the previous one)</i>   | 3            |
| Humanity  | <i>(See courses on semester sheet and in schedule)</i>                          | 3            | MAT 265 or<br>261 or 266  | Differential Equations or Differential Equations<br>with Engineering Apps. or Differential Equations<br>with Linear Algebra <i>(required course)</i> | 3-4          |
| <b>Total Hours</b>  |   | <b>15-16</b> | <b>Total Hours</b>        |  | <b>13-15</b> |
|   |   |              | <b>Total Degree Hours</b> |  | <b>60+</b>   |

\*If transferring to the Univ. of CO Boulder, UNC, Fort Lewis College or the Univ. of CO Colo. Springs contact an Academic Advisor at that institution before your 3rd semester; they may require CHE 112 or CSC 160 to be taken for their program.

## TRANSFER READY\*

\*For information on transfer requirements for specific universities, visit:

<http://highered.colorado.gov/Academics/Transfers/TransferDegrees.html>

- Colorado Mesa University
- Colorado State University - Fort Collins
- Colorado State University - Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado Boulder
- University of Colorado Colorado Springs
- University of Denver
- University of Northern Colorado