

## PHYSICS EDUCATION OPTION

### Science Education Option: Physics Component, Liberal Arts AA (SPHY-AA)

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|--|-------------------------------|------------------------|
| <b>Communications Area</b>   |                               | <b>6 Credit Hours</b>  |
| ENC 1101   | English Composition I         | 3                      |
| ENC 1102   | English Composition II        | 3                      |
| <b>Humanities Area</b>   |                               | <b>9 Credit Hours</b>  |
| Visual and Performing Arts (See General Education Requirements)  |                               | 3                      |
| +*Philosophy/Religion (See General Education Requirements)   |                               | 3                      |
| +*Literature (See General Education Requirements)  |                               | 3                      |
| <b>Mathematics Area</b>  |                               | <b>6 Credit Hours</b>  |
| MAC 1140   | Precalculus Algebra           | 3                      |
| MAC 1114   | Plane Trigonometry            | 3                      |
| <b>Natural Sciences Area</b>   |                               | <b>6 Credit Hours</b>  |
| PHY 2053   | College Physics I             | 3                      |
| Biological Science (See General Education Requirements)  |                               | 3                      |
| <b>Social Sciences Area</b>  |                               | <b>9 Credit Hours</b>  |
| PSY 2012   | General Psychology            | 3                      |
| OR   |                               |                        |
| SYG 2000   | Principles of Sociology       | 3                      |
| EUH 1000   | Western Civilization I        | 3                      |
| OR   |                               |                        |
| EUH 1001   | Western Civilization II       | 3                      |
| POS 2041   | Amer National Government      | 3                      |
| <b>Additional Required Courses</b>   |                               | <b>25 Credit Hours</b> |
| EDF 1005   | Intro Teaching Profession     | 3                      |
| EEX 2010   | Intro to Exceptional Learners | 3                      |
| EME 2040   | Intro Technology for Teachers | 3                      |
| SPC 1608   | Intro to Public Speaking      | 3                      |
| PHY 2053L  | College Physics I Lab         | 1                      |
| PHY 2054   | College Physics II            | 3                      |
| PHY 2054L  | College Physics II Lab        | 1                      |
| <b>Students must select one of the following two-semester sequences:</b>   |                               | <b>8</b>               |
| •+*BSC2010, Biology for Science Majors I, 3 crs.<br>+BSC2010L, Biology for Science Majors I Lab, 1 cr.<br>+* BSC 2011, Biology for Science Majors II, 3 crs.<br>+BSC2011L, Biology for Science Majors II Lab, 1 cr.<br>or<br>•+*CHM1045, General Chemistry, 3 crs.<br>+CHM1045L, General Chemistry Lab, 1 cr.<br>+* CHM1046, Chemistry with Qual. Analysis, 3 crs.<br>+CHM1046L, Chemistry with Qual. Anal. Lab, 1 cr.<br>(If students do not take the BSC2010 sequence above, then they must take BSC1005 or approved biology to meet the biology requirement for the A.A.) |                               |                        |

### Recommended elective

EDF2085, Introduction to Diversity for Educators, 3 crs.

- General Education Core. Students must complete at least one identified core course in each area of study—Communications, Humanities, Mathematics, Natural Sciences, and Social Sciences—as part of the general education course requirements.
  - + Prerequisites and/or corequisites required. See course descriptions.
  - \* Minimum grade of "C" required.
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