

# B.A. Physics, Teaching Licensure 6-12

**2021-2022 Sample Course Schedule** — *This is a recommended schedule and may be altered as needed. Consult your adviser when making changes. See degree audit for Christian Service requirements.*

## SUMMER

Historical Perspectives (IN-6) 3

## FALL

## WINTER

### FIRST YEAR

|          |                                   |           |          |                                     |              |
|----------|-----------------------------------|-----------|----------|-------------------------------------|--------------|
| PHYS 155 | Descriptive Astronomy             | 3         | EDUC 138 | Intro/Found of Secondary Ed.        | 3            |
| CHEM 111 | Survey of Chemistry I             | 3         | ENGL 102 | Critical Think in Ac Rdg & Wrtg II  | 3            |
| ENGL 101 | Critical Think in Ac Rdg & Wrtg I | 3         | MATH 200 | Elementary Linear Algebra <b>or</b> | 2-3          |
| HLED 173 | Health for Life                   | 2         | MATH 201 | Intermediate Linear Algebra         |              |
| MATH 191 | Calculus I                        | 4         | MATH 192 | Calculus II                         | 4            |
| NOND 101 | Southern Connections              | <u>1</u>  | RELT 138 | Adventist Heritage (R-2)            | <u>3</u>     |
|          |                                   | <b>16</b> |          |                                     | <b>15-16</b> |

## SUMMER

|          |                                 |          |
|----------|---------------------------------|----------|
| PSYC 128 | Developmental Psychology (IN-8) | 3        |
| RELB 125 | Life & Teachings of Jesus (R-1) | <u>3</u> |
|          |                                 | <b>6</b> |

### SECOND YEAR

|          |                          |           |          |                                    |           |
|----------|--------------------------|-----------|----------|------------------------------------|-----------|
| PHYS 221 | University Physics I     | 4         | EDUC 201 | Teacher Education Candidacy        | 0         |
| PHYS 223 | University Physics I Lab | 1         | EDUC 317 | Teaching with Technology           | 2         |
| MATH 218 | Calculus III             | 4         | PHYS 222 | University Physics II              | 4         |
| COMM 135 | Comm. & Public Speaking  | 3         | PHYS 224 | University Physics II Lab          | 1         |
| BIOL 103 | Principles of Biology    | 3         | MATH 315 | Differential Equations             | 3         |
| PEAC 125 | Fit for Collegiate Life  | <u>1</u>  | RELT 317 | Issues in Science & Religion (R-4) | 3         |
|          |                          | <b>16</b> |          | Stewardship, Bus, & Econ. (IN-9)   | <u>3</u>  |
|          |                          |           |          |                                    | <b>16</b> |

### THIRD YEAR

|          |                            |           |          |                                              |           |
|----------|----------------------------|-----------|----------|----------------------------------------------|-----------|
| CPTC 100 | Computer Concepts          | 1         | EDUC 338 | Foundations of Inclusive Education (SERV-2)  | 3         |
| EDUC 342 | Curriculum Content Methods | 2         | EDUC 419 | Phil. & Leadership in Christian Ed (W)       | 3         |
| ERSC 105 | Earth Science (IN-7)       | 3         | PHYS 325 | Advanced Lab (Major Elective)                | 1         |
| MATH 215 | Statistics (IN-4)          | 3         | PHYS 497 | Undergrad Research in Phys. (Major Elective) | 2         |
| PHYS 310 | Modern Physics (fall)      | 3         |          | Physical Activity (P-1b)                     | 1         |
| RELT 255 | Christian Beliefs (R-3)    | 3         |          | Physics Elective                             | 3         |
|          | Physical Activity (P-1b)   | <u>1</u>  |          | U.D. Aesthetic Analysis (IN-10) (W)          | <u>3</u>  |
|          |                            | <b>16</b> |          |                                              | <b>16</b> |

### FOURTH YEAR

|          |                                         |           |                    |                                         |                |
|----------|-----------------------------------------|-----------|--------------------|-----------------------------------------|----------------|
| EDUC 344 | Secondary Methodology & Assessment      | 2         | EDUC 464           | Teaching Seminar                        | 2              |
| EDUC 345 | Secondary Lrning Theory & Class Mngmt   | 2         | EDUC 472           | Enhanced Student Teaching Sec. (SERV-2) | 10             |
| EDUC 346 | Field Experience in Secondary Education | 2         | PEAC 425           | Fit for Hire                            | <u>1</u>       |
| EDUC 434 | Reading & Writing in the Content Area   | 2         |                    |                                         | <b>13</b>      |
| PHYS 400 | Physics Portfolio                       | 1         |                    |                                         |                |
| PHYS 480 | Scientific Wrtg & Presentation (W)      | 1         |                    |                                         |                |
|          | U.D. Physics Electives                  | <u>6</u>  |                    |                                         |                |
|          |                                         | <b>16</b> | <b>TOTAL HOURS</b> |                                         | <b>133-134</b> |

Note: Students must consult the catalog they are under and their degree audits to ensure that they have complete degree requirements. To increase their marketability, it is recommended that students take a minor in an additional teaching area.

**Need 6 hours of elementary foreign language if student does not have 2 years of same foreign language in high school.**