

**Physics – Traditional Track**  
2023-2024 Undergraduate Catalog

| Semester 1 - Fall                      |           |       |       |     |
|----------------------------------------|-----------|-------|-------|-----|
|                                        | Credits   | Major | Other | GEP |
| ENES 100 – Intro to Engineering Design | 3         | TF    |       |     |
| ENGL 101 – First-Year Composition      | 3         |       |       | CS1 |
| MATH 236 – Calculus I                  | 4         | X     |       | CS3 |
| PHYS 261 – Physics I                   | 4         | X     |       | C   |
| ORIE 101 – Intro to Higher Education   | 1         |       | X     |     |
|                                        |           |       |       |     |
| <b>Semester Total</b>                  | <b>15</b> |       |       |     |

| Semester 2 – Spring                 |           |       |       |     |
|-------------------------------------|-----------|-------|-------|-----|
|                                     | Credits   | Major | Other | GEP |
| IDIS 150 – First-Year FSU Colloquia | 3         |       |       | E   |
| MATH 237 – Calculus II              | 4         | X     |       |     |
| PHYS 262 – Physics II               | 4         | X     |       |     |
| General Elective                    | 3         |       | X     |     |
|                                     |           |       |       |     |
|                                     |           |       |       |     |
| <b>Semester Total</b>               | <b>14</b> |       |       |     |

| Semester 3 - Fall       |           |       |       |     |
|-------------------------|-----------|-------|-------|-----|
|                         | Credits   | Major | Other | GEP |
| MATH 238 – Calculus III | 4         | X     |       |     |
| PHYS 263 – Physics III  | 4         | X     |       |     |
| GEP FSU Colloquia II    | 3         |       |       | E   |
| GEP Humanities          | 3         |       |       | B   |
| General Elective        | 3         |       | X     |     |
|                         |           |       |       |     |
| <b>Semester Total</b>   | <b>17</b> |       |       |     |

| Semester 4 – Spring               |           |       |       |     |
|-----------------------------------|-----------|-------|-------|-----|
|                                   | Credits   | Major | Other | GEP |
| MATH 432 – Differential Equations | 3         | X     |       |     |
| General Elective                  | 3         |       | X     |     |
| GEP Humanities                    | 3         |       |       | B   |
| GEP Social Science                | 3         |       |       | D   |
| General Elective                  | 3         |       | X     |     |
|                                   |           |       |       |     |
| <b>Semester Total</b>             | <b>15</b> |       |       |     |

| Semester 5 - Fall                   |           |       |       |     |
|-------------------------------------|-----------|-------|-------|-----|
|                                     | Credits   | Major | Other | GEP |
| *Fall Only                          |           |       |       |     |
| PHYS 312* - Electricity & Magnetism | 4         | X     |       |     |
| PHYS 320* - Experimental Physics    | 2         | X     |       |     |
| GEP Identity & Difference           | 3         |       |       | F   |
| GEP Natural Science                 | 4         |       |       | C   |
| General Elective                    | 3         |       | X     |     |
|                                     |           |       |       |     |
| <b>Semester Total</b>               | <b>16</b> |       |       |     |

| Semester 6 – Spring                |           |       |       |     |
|------------------------------------|-----------|-------|-------|-----|
|                                    | Credits   | Major | Other | GEP |
| **Spring Only                      |           |       |       |     |
| ENGL 3xx – Advanced Writing        | 3         |       |       | CS2 |
| PHYS 310** - Classical Mechanics   | 4         |       |       |     |
| GEP Social Science                 | 3         |       |       | D   |
| Advanced Physics Elective (1 of 3) | 3         | X     |       |     |
| General Elective                   | 3         |       | X     |     |
|                                    |           |       |       |     |
| <b>Semester Total</b>              | <b>16</b> |       |       |     |

| Semester 7 - Fall                  |           |       |       |     |
|------------------------------------|-----------|-------|-------|-----|
|                                    | Credits   | Major | Other | GEP |
| *Fall Only                         |           |       |       |     |
| PHYS 491* - Seminar                | 2         | X     |       |     |
| GEP Fine & Performing Arts         | 3         |       |       | A   |
| Advanced Physics Elective (2 of 3) | 3         | X     |       |     |
| General Elective                   | 3         |       | X     |     |
| General Elective                   | 3         |       | X     |     |
|                                    |           |       |       |     |
| <b>Semester Total</b>              | <b>14</b> |       |       |     |

| Semester 8 - Spring                |           |       |       |     |
|------------------------------------|-----------|-------|-------|-----|
|                                    | Credits   | Major | Other | GEP |
| **Spring Only                      |           |       |       |     |
| PHYS 420** - Computational Physics | 3         | X     |       |     |
| PHYS 492** - Capstone              | 2         | X     |       |     |
| Advanced Physics Elective (3 of 3) | 3         | X     |       |     |
| General Elective                   | 3         |       | X     |     |
| General Elective                   | 2         |       | X     |     |
|                                    |           |       |       |     |
| <b>Semester Total</b>              | <b>13</b> |       |       |     |