

**Chemistry – Traditional Track**  
2020-2021 Undergraduate Catalog

| Semester 1 Fall                       |           |       |       |     |
|---------------------------------------|-----------|-------|-------|-----|
|                                       | Credits   | Major | Other | GEP |
| CHEM 201 – General Chemistry I        | 4         | X     |       | C   |
| ENGL 101 – First-Year Composition     | 3         |       |       | CS1 |
| IDIS 150 – First-Year FSU Colloquia   | 3         |       |       | E   |
| MATH 236 – Calculus I                 | 4         | X     |       | CS3 |
| ORIE 101 – Intro. To Higher Education | 1         |       | X     |     |
|                                       |           |       |       |     |
| <b>Semester Total</b>                 | <b>15</b> |       |       |     |

| Semester 2 Spring               |           |       |       |     |
|---------------------------------|-----------|-------|-------|-----|
|                                 | Credits   | Major | Other | GEP |
| CHEM 202 – General Chemistry II | 4         | X     |       |     |
| MATH 237 – Calculus II          | 4         | X     |       |     |
| GEP Fine & Performing Arts      | 3         |       |       | A   |
| GEP Humanities                  | 3         |       |       | B   |
|                                 |           |       |       |     |
|                                 |           |       |       |     |
| <b>Semester Total</b>           | <b>14</b> |       |       |     |

| Semester 3 Fall                    |           |       |       |     |
|------------------------------------|-----------|-------|-------|-----|
| *Fall Only                         | Credits   | Major | Other | GEP |
| CHEM 311 – Organic Chemistry I     | 3         | X     |       |     |
| CHEM 312 – Organic Chemistry Lab I | 1         | X     |       |     |
| CHEM 304* – Computational Tech     | 2         | TF    |       |     |
| MATH 238 – Calculus III            | 4         | X     |       |     |
| GEP Humanities                     | 3         |       |       | B   |
|                                    |           |       |       |     |
| <b>Semester Total</b>              | <b>13</b> |       |       |     |

| Semester 4 Spring                   |           |       |       |     |
|-------------------------------------|-----------|-------|-------|-----|
| **Spring Only                       | Credits   | Major | Other | GEP |
| CHEM 321 – Organic Chemistry II     | 3         | X     |       |     |
| CHEM 322 – Organic Chemistry Lab II | 1         | X     |       |     |
| CHEM 305** – Research Methods       | 3         | X     |       |     |
| GEP Social Science                  | 3         |       |       | D   |
| GEP Identity & Difference           | 3         |       |       | F   |
| General Elective                    | 3         |       | X     |     |
|                                     |           |       |       |     |
| <b>Semester Total</b>               | <b>16</b> |       |       |     |

| Semester 5 Fall                     |           |       |       |     |
|-------------------------------------|-----------|-------|-------|-----|
| *Fall Only                          | Credits   | Major | Other | GEP |
| CHEM 320* - Quantitative Analytical | 4         | X     |       |     |
| PHYS 215* or PHYS 261*              | 4         |       |       | C   |
| GEP Social Science                  | 3         |       |       | D   |
| General Elective                    | 3         |       | X     |     |
| General Elective                    | 3         |       | X     |     |
|                                     |           |       |       |     |
| <b>Semester Total</b>               | <b>17</b> |       |       |     |

| Semester 6 Spring                  |           |       |       |     |
|------------------------------------|-----------|-------|-------|-----|
| **Spring Only                      | Credits   | Major | Other | GEP |
| CHEM 421** - Instrumental Analysis | 4         | X     |       |     |
| ENGL 3xx – Advanced Writing        | 3         |       |       | CS2 |
| PHYS 216** or PHYS 262**           | 4         |       |       |     |
| GEP FSU Colloquia II               | 3         |       |       | E   |
| General Elective                   | 3         |       | X     |     |
|                                    |           |       |       |     |
| <b>Semester Total</b>              | <b>17</b> |       |       |     |

| Semester 7 Fall                      |           |       |       |     |
|--------------------------------------|-----------|-------|-------|-----|
| *Fall Only                           | Credits   | Major | Other | GEP |
| CHEM 441* - Physical Chemistry I     | 3         | X     |       |     |
| CHEM 445* - Physical Chemistry Lab I | 1         | X     |       |     |
| CHEM 491, 493, or 495                | 2         | X     |       |     |
| General Elective                     | 3         |       | X     |     |
| General Elective                     | 3         |       | X     |     |
| General Elective                     | 3         |       | X     |     |
| <b>Semester Total</b>                | <b>15</b> |       |       |     |

| Semester 8 Spring                      |           |       |       |     |
|--|-----------|-------|-------|-----|
| **Spring Only                          | Credits   | Major | Other | GEP |
| CHEM 442** - Physical Chemistry II     | 3         | X     |       |     |
| CHEM 446** - Physical Chemistry Lab II | 1         | X     |       |     |
| CHEM 492 – Capstone                    | 1         | X     |       |     |
| General Elective                       | 3         |       | X     |     |
| General Elective                       | 3         |       | X     |     |
| General Elective                       | 2         |       | X     |     |
| <b>Semester Total</b>                  | <b>13</b> |       |       |     |