

**Computer Science**  
2023-2024 Undergraduate Catalog

| Semester 1 - Fall                     |           |       |       |     |
|---------------------------------------|-----------|-------|-------|-----|
|                                       | Credits   | Major | Other | GEP |
| COSC 101 – Discipline of Comp Sci     | 3         | TF    |       |     |
| 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     |     |
| GEP Humanities                        | 3         |       |       | B   |
| <b>Semester Total</b>                 | <b>17</b> |       |       |     |

| Semester 2 - Spring                |           |       |       |     |
|------------------------------------|-----------|-------|-------|-----|
|                                    | Credits   | Major | Other | GEP |
| COSC 102 – Foundations of Comp Sci | 4         | X     |       |     |
| COSC 240 – Computer Science I      | 4         | X     |       |     |
| MATH 237 – Calculus II             | 4         | X     |       |     |
| GEP Social Science                 | 3         |       |       | D   |
|                                    |           |       |       |     |
|                                    |           |       |       |     |
| <b>Semester Total</b>              | <b>15</b> |       |       |     |

| Semester 3 - Fall              |           |       |       |     |
|--------------------------------|-----------|-------|-------|-----|
|                                | Credits   | Major | Other | GEP |
| CMST 102 – Human Communication | 3         | X     |       |     |
| Math Elective (1 of 1)         | 3         | X     |       |     |
| COSC 241 – Computer Science II | 4         | X     |       | A   |
| GEP Fine & Performing Arts     | 3         |       |       | B   |
|                                |           |       |       |     |
| <b>Semester Total</b>          | <b>13</b> |       |       |     |

| Semester 4 - Spring                   |           |       |       |     |
|---------------------------------------|-----------|-------|-------|-----|
|                                       | Credits   | Major | Other | GEP |
| COSC 325 – Software Engineering       | 3         | X     |       |     |
| COSC 331 – Fundamentals of Networking | 3         | X     |       |     |
| COSC 365 – Digital Logic              | 4         | X     |       |     |
| GEP Identity & Difference             | 3         |       |       | F   |
| GEP Social Science                    | 3         |       |       | D   |
|                                       |           |       |       |     |
| <b>Semester Total</b>                 | <b>16</b> |       |       |     |

| Semester 5 - Fall                            |           |       |       |     |
|----------------------------------------------|-----------|-------|-------|-----|
| *Fall Only                                   | Credits   | Major | Other | GEP |
| COSC 310* - Data Structure & Analysis        | 3         | X     |       |     |
| COSC 350 – Low-Level Programming             | 3         | X     |       |     |
| ENGL 338 – Technical Writing                 | 3         | X     |       | CS2 |
| BIOL 149 or CHEM 201 or GEOG 103 or PHYS 261 | 4         | X     |       | C   |
| General Elective                             | 4         | X     |       |     |
|                                              |           |       |       |     |
| <b>Semester Total</b>                        | <b>16</b> |       |       |     |

| Semester 6 - Spring                          |           |       |       |     |
|----------------------------------------------|-----------|-------|-------|-----|
| **Spring Only                                | Credits   | Major | Other | GEP |
| GEP Humanities                               | 3         |       |       | B   |
| MATH 280 or 380 – Prob & Stat                | 3         | X     |       |     |
| GEP FSU Colloquia II or Mode A-D             | 3         |       |       | E   |
| BIOL 149 or CHEM 201 or GEOG 103 or PHYS 261 | 4         | X     |       | C   |
| Computer Science Elective (1 of 2)           | 3         | X     |       |     |
|                                              |           |       |       |     |
| <b>Semester Total</b>                        | <b>16</b> |       |       |     |

| Semester 7 - Fall                     |           |       |       |     |
|---------------------------------------|-----------|-------|-------|-----|
| *Fall Only                            | Credits   | Major | Other | GEP |
| COSC 450* - Prog. Language Principles | 3         | X     |       |     |
| COSC 460 – Operating Systems          | 3         | X     |       |     |
| Computer Science Elective (2 of 2)    | 3         | X     |       |     |
| CS Science Elective (1 of 1)          | 4         | X     |       |     |
| General Elective                      | 1         |       | X     |     |
|                                       |           |       |       |     |
| <b>Semester Total</b>                 | <b>14</b> |       |       |     |

| Semester 8 - Spring                |           |       |       |     |
|------------------------------------|-----------|-------|-------|-----|
| **Spring Only                      | Credits   | Major | Other | GEP |
| COSC 444** - Parallel Computing    | 3         | X     |       |     |
| COSC 485** - Theory of Computation | 3         | X     |       |     |
| COSC 489 – Capstone                | 1         | X     |       |     |
| General Elective                   | 3         |       | X     |     |
| General Elective                   | 3         |       | X     |     |
|                                    |           |       |       |     |
| <b>Semester Total</b>              | <b>13</b> |       |       |     |