



COLLEGE OF ENGINEERING

Computer Science

Bachelor of Science with General Concentration Innovation Minor

*Suggested Schedule**

| FIRST YEAR | | | |
|--|-----------|---|-----------|
| Semester 1 (Spring) | | Semester 2 (Summer) | |
| COP3502C Intro to Programming 1 | 4 | COP3503C | 4 |
| ENC1101 English Composition (GE-C) WR6 | 3 | COT3100 | 3 |
| IDS 1940 Creativity and Design Thinking for Innovation | 2 | IDS 1359 Innovation in Action | 2 |
| MAC2311 Analytic Geometry and Calculus 1 | 4 | MAC2312 Analytic Geometry and Calculus 2 | 4 |
| TOTAL | 13 | TOTAL | 13 |
| SECOND YEAR | | | |
| Semester 3 (Spring) | | Semester 4 (Summer) | |
| CDA3101 Computer Organization | 3 | Gen Ed - State Core Social Science - D | 3 |
| COP3530 Data Structures & Algorithms | 4 | EGN4641 Engineering Entrepreneurship** | 3 |
| MAC2313 Analytic Geometry & Calculus 3 | 4 | MAS3114 Computational Linear Algebra | 3 |
| PHY2048 Phycs with Calculus 1 | 4 | PHY2049 Physics with Calculus 2 | 3 |
| PHY2048L Physics w/ Calculus 1 Lab | | PHY2049L Physics w/ Calculus 2 Lab | |
| TOTAL | 14 | TOTAL | 13 |
| THIRD YEAR | | | |
| Semester 5 (Spring) | | Semester 6 (Summer) | |
| CEN3031 Software Engineering | 3 | STA3032 Engineering Statistics | 3 |
| CIS4031 Database Systems | 3 | ENC3246 Professional Communication (GE-C) WR6 | 3 |
| CISE Technical Elective | 4 | Gen Ed - State Core Humanities - N | 3 |
| PHI3641 Ethics and Innovation (GE-H) 2K | 3 | CISE Technical Elective | 2 |
| Gen Ed - WR 6K | 3 | TOTAL | 12 |
| TOTAL | 15 | | |
| FOURTH YEAR | | | |
| Semester 7 (Spring) | | Semester 8 (Summer) | |
| CISE Technical Electives | 3 | Approved Communications Course ¹ | 3 |
| COP4020 Programming Language Concepts | 3 | ENT4015 The Venture Accelerator or IDS4940 Innovation Academy Senior Project | 2 |
| COP4600 Operating Systems | 3 | Gen Ed - Social Science ¹ | 3 |
| EGS 4038 Engineering Leadership ² or AEC3410 Innovation Through Leadership | 3 | Gen Ed - Physical or Biological Science ³ | 2 |
| | 1 | TOTAL | 11 |
| TOTAL | 13 | | |
| FIFTH YEAR | | | |
| Semester 9 (Spring) | | <p>TOTAL CREDITS TO DEGREE = 120</p> <p><i>* For Detailed tracking and degree requirements please refer to the UF catalog.</i></p> <p><i>** Alternate course choices exist.</i></p> <p>¹Select a WR course if writing requirement is not met</p> <p>²Also counts as CISE technical elective</p> <p>³Can be any combination of GE-B/P courses 2K or above</p> <p>Last Updated July 2023</p> | |
| CIS4914 Senior Project | 3 | | |
| CISE Technical Elective (2 courses) | 6 | | |
| CNT4007C Computer Network Fundamentals | 3 | | |
| COP4533 Algorithm Abstraction & Design | 3 | | |
| TOTAL | 15 | | |