Shiley-Marcos SCHOOL OF ENGINEERING
University of San Diego

# B.S. Computer Science Degree Plan (2025/26 catalog)

## First Year

| Fall | | Spring | |
|---|---|---|---|
| COMP 110: Computational Problem Solving | 3.5 | COMP 120: Programming Abstractions & Method. | 3.5 |
| MATH 150: Calculus I | 4 | MATH 262: Discrete Math | 3 |
| Core Curriculum | 9 | Core Curriculum | 9 |
| **Total Semester Units** | **16.5** | **Total Semester Units** | **15.5** |

## Second Year

| Fall | | Spring | |
|---|---|---|---|
| COMP 280: Intro to Computer Systems | 3.5 | COMP 230: Adv. Comp. Problem Modeling | 3.5 |
| MATH 151: Calculus II | 4 | ISYE 330: Engineering Probability and Stats | 3 |
| Natural Science | 4 | MATH 320: Linear Algebra | 3 |
| Core Curriculum | 3 | Upper-Division COMP Elective | 3 |
| | | Core Curriculum | 3 |
| **Total Semester Units** | **14.5** | **Total Semester Units** | **15.5** |

## Third Year

| Fall | | Spring | |
|---|---|---|---|
| COMP 305: Object-Oriented Software Design | 3.5 | COMP 480: Algorithms | 3 |
| COMP 370: Automata, Comp. & Formal Lang. | 3 | Upper-Division COMP Elective | 3 |
| COMP Ethics (PHIL 345 or 348) or COMP Systems (COMP 300 or 310 or 375) | 3.5 | COMP Ethics (PHIL 345 or 348) or COMP Systems (COMP 300 or 310 or 375) | 3 |
| Upper-Division COMP Elective | 3 | Core Curriculum, Upper Division Courses, or Free Electives | 6 |
| Core Curriculum, Upper Division Course, or Free Elective | 3 | | |
| **Total Semester Units** | **16** | **Total Semester Units** | **15** |

## Fourth Year

| Fall | | Spring | |
|---|---|---|---|
| COMP 491: Senior Project I | 3 | COMP 492: Senior Project II | 3 |
| COMP Systems (COMP 300 or 310 or 375) | 3.5 | Natural Science | 4 |
| Core Curriculum, Upper Division Courses, or Free Electives | 9 | Core Curriculum, Upper Division Courses, or Free Electives | 9 |
| **Total Semester Units** | **15.5** | **Total Semester Units** | **16** |

**In addition to major and core curriculum requirements, students must earn a minimum of 48 units of upper-division courses and a total of 124 units to graduate.**

| | |
|---|---|
| **Total COMP Degree Units** | **124** |