

COMPUTER SCIENCE

Minimum courses required: **12**

To major in computer science, the department strongly recommends that students achieve at least a **C+ average** in the first two computer science courses.

For those students who place out of the introductory course(s), the additional course(s) needed to meet the minimum requirement will be determined in consultation with the department.

COMP 121 and at least the first math course should be completed by the second year.

| Course requirement | Semester Taken |
|--|-----------------------|
| 1. COMP 115: Robots, Games and Problem Solving | _____ |
| 2. COMP 116: Data Structures | _____ |
| 3. COMP 121: Foundations of Computing Theory (<i>formerly COMP 111</i>) | _____ |
| 4. COMP 215: Algorithms | _____ |
| 5. COMP 220: Computer Organization | _____ |
| TWO courses from: COMP 335: Programming Languages COMP 345: Operating Systems COMP 375: Theory of Computation | |
| 6. _____ | _____ |
| 7. _____ | _____ |
| TWO courses from: MATH 101: Calculus I MATH 104: Calculus II MATH 151: Introduction to Data Science MATH 202: Cryptography MATH 211: Discrete Mathematics MATH 221: Linear Algebra MATH 236: Multivariate Calculus MATH 251: Methods of Data Analysis | |
| 8. _____ | _____ |
| 9. _____ | _____ |
| TWO additional computer science courses (or mathematics courses with permission) at or above the 200-level: | |
| 10. _____ | _____ |
| 11. _____ | _____ |
| 12. COMP 401: Senior Seminar | _____ |