

CS Major at Occidental

Required Courses

- COMP 131: Fundamentals of Computer Science
- COMP 149: Mathematical Foundations of CS
 - OR both MATH 210: Discrete Math and MATH 214: Linear Algebra
- COMP 229: Data Structures
- COMP 239: Computer Organization
- COMP 390: CS Junior Seminar
- COMP 490: CS Senior Seminar
- Calculus 1

CS Pathway

Six more courses in at least two different areas of:

- artificial intelligence
- computer interfaces
- security
- systems
- theory

CS + Math Pathway

- MATH 210
- MATH 214
- COMP 317
- COMP 352/353
- COMP 300+ (x2)
- MATH 310+ (x2)

CS+X Pathway

- Three/Four courses outside CS that forms a coherent theme
- Two/Three courses in CS
- (Talk to an advisor to learn more!)

CS@Oxy Course Prerequisites

