

## Computer Science Minor Requirements (6 units)

### 2 Units of Core Courses

Course	Units	Normally Offered	Prerequisites
CSCI 111: Introduction to Object-Oriented Programming	1	Every semester	None
CSCI 204: Data Structures and Algorithms	1	Every spring	111

### 4 Units of Additional Courses

Course	Units	Normally Offered	Prerequisites
CSCI 175: Computer Architecture	1	Fall even years	111
CSCI 245: Computer Networks	1	Spring even years	175
CSCI 315: Algorithms	1	Spring odd years	204 & MATH 160
CSCI 335: Threads and Operating Systems	1	Fall odd years	204
CSCI 347: Models and Languages	½	Fall even years	204 & 2 units at 200+ level
CSCI 365 Database Capstone I	½	Fall even years	Junior standing & 204 with 335 recommended
CSCI 366 Database Capstone II	½	Spring odd years	365
CSCI 375 Software Engineering I	½	Fall odd years	Junior standing & 204
CSCI 376 Software Engineering II	½	Spring even years	Junior standing & 204 with 375 recommended

### 1 Unit of Additional Courses may be Chosen From Ones Below (if approved in advance by advisor)

Course	Units	Normally Offered	Prerequisites
COGS 280: Cognitive Robotics	1	Spring odd years	None
MATH 300: Math Modeling		Fall odd years	1 unit of CS & 2 units of Math at or above 175
PHYS 160: Digital Electronics		Fall odd years	None