

Computer Science Concentrations

**Two concentrations are required.
For each concentration, two courses are required.**

Artificial Intelligence

CAP4601: Artificial Intelligence (Prereqs: COP3411: Data Structures I)
CAP4053: AI Programming for Interactive Environments (Prereq: CAP4601)

Control Systems and Programming

CDA3990: Control Systems Programming (Prereq: CDA3101)
CDA4990: Real Time Systems

Database

COP4710: Database Systems (Prereq: Any programming course)
CAP4770: Data Mining (Prereq: COP4710)

Distributed Systems Architecture

COP4856: Distributed Architecture I (Prereqs: COP3411: Data Structures I)
COP4857: Distributed Architecture II (Prereq: COP4856)

Systems Security

CNT4403: Systems and Networks Security (Prereq: COP4634: Systems & Networks I)
CIS4385: Cyber-Security Forensics (Prereq: COP3411: Data Structures I)
CTS4348: Linux System Administration (No Prereqs)