In addition to the degree requirements outlined above, students seeking the BS Computer Science degree must also take 12 semester hours of 3000/4000 level Computer Science electives. These electives may be chosen from the concentrations listed below or any other advisor-approved Computer Science elective.

### Systems Security
- CNT4403 (3)
  - Com & Net Security
  - Pre: COP4610C or COP4634
- CTS4348 (3)
  - Linux Sys Admin

### Database Systems
- COP4710 (3)
  - Database Systems
  - Pre: COP2XXX programming course
- CAP4770 (3)
  - Data Mining

### Control Systems Programming
- CDA3990 (3)
  - Control Sys Prog
  - Pre: CDA3101
- CDA4990 (3)
  - Real Time Systems

### Distributed Software Architecture
- COP4856 (3)
  - Distributed Arch I
  - Pre: COP3530
- COP487 (3)
  - Distributed Arch II

### Artificial Intelligence
- CAP4601 (3)
  - Artificial Intelligence
  - Pre: COP3530
- CAP4053 (3)
  - AI for Interactive Env