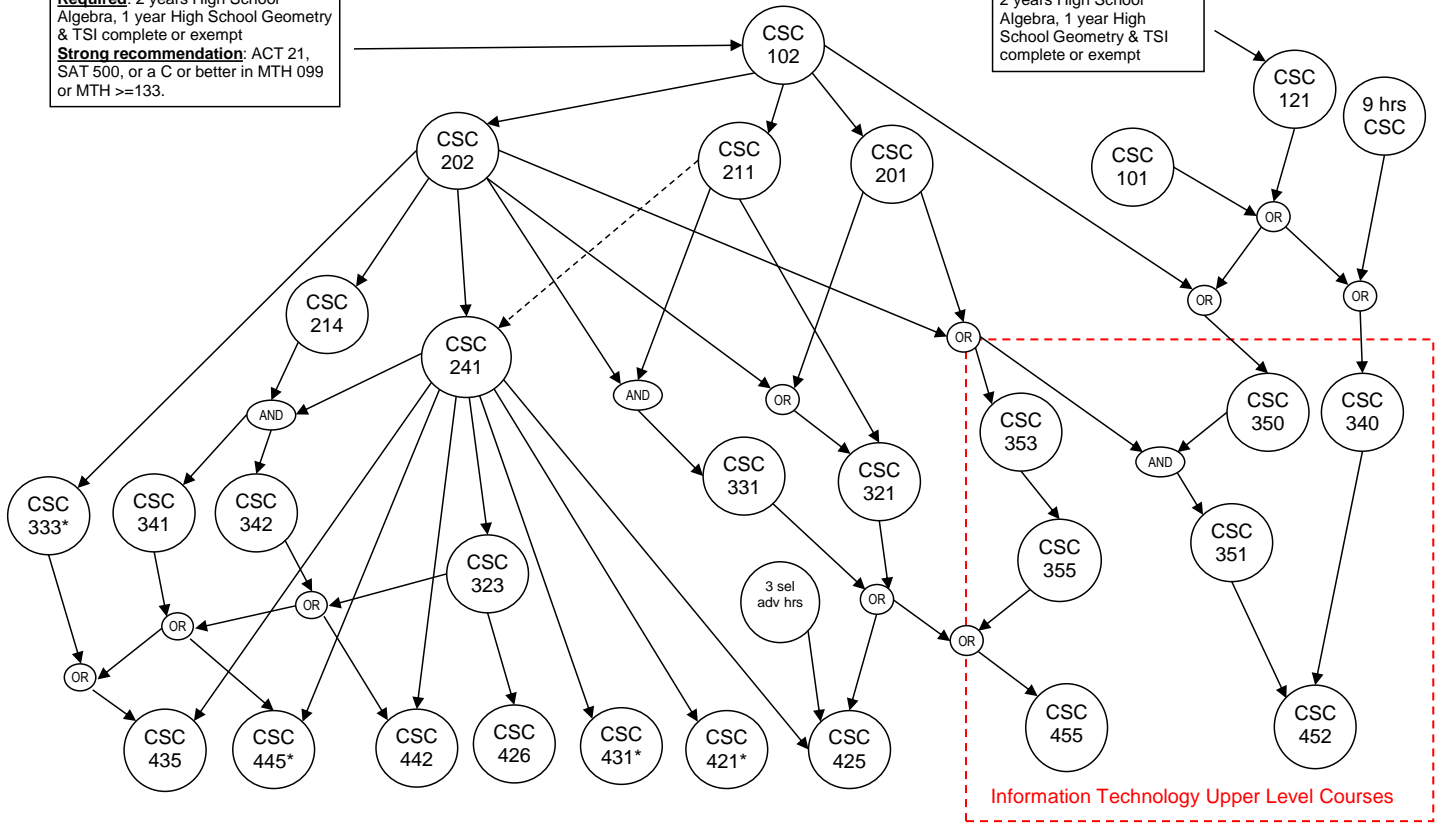


**Undergraduate Course Prerequisites**

**Required:** 2 years High School Algebra, 1 year High School Geometry & TSI complete or exempt  
**Strong recommendation:** ACT 21, SAT 500, or a C or better in MTH 099 or MTH >=133.

2 years High School Algebra, 1 year High School Geometry & TSI complete or exempt



- CSC 301
- 6 hrs. CSC; additional prerequisites depending on topic
- CSC 401
- 6 adv. hrs. CSC or Dept. Chair approval; additional prerequisites depending on topic
- CSC 385
- Course supervisor approval
- CSC 411  
412
- 18 hrs. CSC, 6 adv. hrs CSC, and Dept. Chair approval
- CSC 475
- Junior standing and Dept. Chair approval

Single entry arrow from multiple courses with OR: Only one course required

Single entry arrow from multiple courses with AND: All courses required

Multiple entry arrows from multiple courses: All courses required

Denotes a recommended course prerequisite

\* Some CSC courses also have math prerequisites. See parentheses below.

**Undergraduate Computer Science Courses**

- |   |  |
|---|--|
| <p>CSC 101 Introduction to Computing</p> <p>CSC 102 Computer Science Principles</p> <p>CSC 121 Introduction to Information Processing Systems</p> <p>CSC 201 Introduction to Information Technology</p> <p>CSC 202 Computer Programming Principles</p> <p>CSC 211 Event-Driven Programming</p> <p>CSC 214 Computer Organization and Architecture</p> <p>CSC 241 Data Structures</p> <p>CSC 301 A Contemporary Programming Language</p> <p>CSC 321 Programming Methods and File Structures</p> <p>CSC 323 Software Engineering</p> <p>CSC 331 Object-Oriented Programming Methods</p> <p>CSC 333 Discrete Structures for Computer Science (MTH 144 or 233)</p> <p>CSC 340 Application Software for Microcomputers</p> <p>CSC 341 Principles of Operating Systems</p> <p>CSC 342 Algorithm Analysis</p> <p>CSC 350 Internet Technologies</p> <p>CSC 351 Internet Programming Concepts</p> | <p>CSC 353 System Administration</p> <p>CSC 355 Network Administration</p> <p>CSC 385 Internship in Computer Science</p> <p>CSC 401 Contemporary Topics in Computer Science</p> <p>CSC 411 Ethics in Computer Science</p> <p>CSC 412 Computer Science Practicum</p> <p>CSC 421 Applied Operations Research<br/>(MTH 144 or 233; MTH 220)</p> <p>CSC 425 Database Management Systems</p> <p>CSC 426 Requirements Engineering and System Modeling</p> <p>CSC 431 System Simulation and Model Building<br/>(MTH 144 or 233; MTH 220)</p> <p>CSC 435 Teleprocessing and Data Communications</p> <p>CSC 442 Organization of Programming Languages</p> <p>CSC 445 Computer Graphics (MTH 133)</p> <p>CSC 452 Database Application Development</p> <p>CSC 455 Enterprise Security</p> <p>CSC 475 Special Problems</p> |
|---|--|