



Bachelor of Science Computer Information Systems

Freshman - FALL SEMESTER - 16 hours

GENERAL EDUCATION REQUIREMENTS

- HLG 011 Freshman Seminar (1)
- ENG 104 English Composition I (3)
- MTH 143 College Algebra (or higher) (3)
- PJI 253 Intro to Logic (3)

MAJOR REQUIREMENTS

- CIS 103 Introduction to Computers (3)
- CIS 283 PC Hardware (3)

Sophomore - FALL SEMESTER - 13-14 hours

GENERAL EDUCATION REQUIREMENTS

- BIB 113/123 Old or New Testament Survey (3)
- Fine Arts Appreciation Course (3)
- BIO Life Science Course (3-4)

MAJOR REQUIREMENTS

- BIS Computer Software Application HTML (1)
- CIS 303 Program Design (3)

Junior - FALL SEMESTER - 16-18 hours

GENERAL EDUCATION REQUIREMENTS

- PHS Physical Science (3-5)
- PHE P.E. Course (1)

MAJOR REQUIREMENTS

- CIS 313 Database Management (3)
- CIS 353 Operating Systems (3)
- CIS 413/376 Architecture/Computer Security & Forensics (3)
- Elective (3)

Senior - FALL SEMESTER - 10-12 hours

GENERAL EDUCATION REQUIREMENTS

- Literature Course (3)

MAJOR REQUIREMENTS

- CIS 473 Advanced Networks (3)
- CIS 376/413 Computer Security & Forensics/Architecture (3)
- CIS 451-3 Senior Project (1-3)

Freshman - SPRING SEMESTER - 16 hours

GENERAL EDUCATION REQUIREMENTS

- CAS 101 Intro to Speech Communication (3)
- ENG 106 English Composition II (3)
- BIB 113/123 Old or New Testament Survey (3)
- Fine Arts Option - Graphic Art (3)

MAJOR REQUIREMENTS

- CIS 203 Programming Fundamentals (3)
- BIS Computer Software Application Spreadsheet Course (1)

Sophomore - SPRING SEMESTER - 17 hours

GENERAL EDUCATION REQUIREMENTS

- HST History Course (3)
- LIT Literature Course (3)
- General Education Option (3)
- PLS 131 US and MO Constitutions* (1)

MAJOR REQUIREMENTS

- CIS 373 Networking (3)
- CIS 123 Web Design (3)
- BIS Computer Software Application Database Course (1)

Junior - SPRING SEMESTER - 16 hours

GENERAL EDUCATION REQUIREMENTS

- HST History Course (3)
- PHE P.E. Course (1)

MAJOR REQUIREMENTS

- CIS 333/403 Web Development/Database Admin (3)
- CIS 383 Internship I (3)
- Elective (3)
- Elective (3)

Senior - SPRING SEMESTER - 15 hours

MAJOR REQUIREMENTS

- CIS 403/333 Database Admin/Web Development (3)
- CIS 489 IT Seminar (3)
- CIS 483 Internship II (3)
- Upper Level Elective (3)
- Elective (3)

*required for non-Missouri high school graduates