

B.S. Computer Science w/ Cyber Security – 4 year plan

V.09.2021

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|--------------------------------------|--|---|---|--|---|---|--|-----------|
| Freshman Fall Semester | CSIS 201 (3) Intro to Computer Science I | MATH 201 (4) Calculus I | | | COMM 111* (3) Communication in Society | WRIT 111* (3) Caring for Words | THEO 101* (3) The Bible | 16 |
| Freshman Spring Semester | CSIS 202 (3) Intro to Computer Science II | | | PSYC 100 (3) Personhood | GSCI 170 (4) Science and Faith | MATH 170 (3) Why Math Matters | THEO 102* (3) Christianity | 16 |
| Sophomore Fall Semester | CSIS 310 (3) Data Structures | CSIS 321 (3) Software Engineering | ENGE 220 (4) Digital Logic | MATH 260 (3) Discrete Math | | | CPAS 216 (1) Finding Internships (optional) | 14 |
| Sophomore Spring Semester | CSIS 430 (3) Analysis of Algorithms | CSIS 370 (3) Object-Oriented Analysis/Design | CSIS 312 (3) Computer Security Digital Forensics | | | HIST 111 (3) The Modern & Postmodern World | LITR 111 (3) Faith and Story | 15 |
| Junior Fall Semester | CSIS 340 (3) Database Systems | CSIS 350 (3) Data Comm. Networking | CSIS 360 (3) Architecture & Assembly Lang. | CSIS 390 (3) Emerging Mobile Technologies | ENGR 381 (2) Servant Engineering I | | | 14 |
| Junior Spring Semester | CSIS 473 (3) Secure Software | CSIS 450 (3) Network Admin | CSIS 460 (3) Operating Systems | ENGR 382 (2) Servant Engineering II | | | ARTP/V 120 (3) Art and Global Culture | 14 |
| Senior Fall Semester | CSIS 420 (3) Programming Languages | CSIS 434 (3) Parallel/Distributed Computing | CSIS 413 (3) Ethical Hacking | ENGR 481 (1) Senior Design I | | (3) Free Elective | THEO 380 (3) Ethics | 16 |
| Senior Spring Semester | CSIS 451 (4) Cyber Defense | | | ENGR 482 (3) Senior Design II | (3) Free Elective | (3) Free Elective | SSCI 100 (3) Justice | 16 |

*It is strongly recommended that COMM 111, WRIT 111, THEO 101 and THEO 102 be taken during the Freshman year

CSIS Requirement
ENGE/ENGR Requirement
Math Requirement
(3) Free Elective
General Education Requirements

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