BS Computer Science: Cybersecurity Specialization Curriculum Flowchart (2025-26)—120 Credits Freshman Year Freshman Year Sophomore Year Sophomore Year Junior Year Junior Year Senior Year Senior Year First First Second First Second Second First Second Semester Semester Semester Semester Semester Semester Semester Semester 14cr 16cr 16cr 15cr 15cr 16cr 14cr 14cr CSC 426 CSC 110 CSC 215 CSC 315 **CENG 320/L** CSC 340 CSC 372 CSC 467 Intro to EECS **Data Structures** Software Cybersecurity Software RISC Assembly/ Analysis of Capstone Algorithms Development II & Algorithms Lab Engineering (3cr) **(S)** Design II (1cr) (F) (3cr) (F/S) (3cr) (F/S) (3/1cr) (F/S) (3cr) (F/S) (3cr) (F) (2cr) (S) CSC 115 CSC 251 **CENG 341 CENG 325** CSC 458 CSC 463 Security or Data Software Finite Structures CSC 484 CPU & GPU Org Software Design Operating Sys. & Capstone **Analytics** Development I Database & Architecture Virtual Machines Design I Elective (F/S) (3cr) (F/S) (3cr) Management (F/S) (3cr) (F/S) (3cr) (F) (4cr) **(S)** (2cr) (3cr) (3cr) (F/S) **MATH 381** CSC 216 CENG 142/L **MATH 225** MATH 315 CSC 468 CSC 441 Security or Data Intro to C++ Intro to Prob & Intro to Digital Cloud Networking & Calculus III Linear Algebra Analytics Statistics Systems/Lab Applications Data Comm. Elective (3cr) (3cr) (F/S) (F/S) (2/1cr) (3cr) (3cr) (S) (3cr) (3cr) (F/S) (F/S) (4cr) (F/S) **MATH 125** General Educ. Calculus II **MATH 123** Science Elective Calculus I (3cr) (F/S) CSC 461 Math/Science Security or Data Free (4cr) (F/S) General Educ. **Programming** Elective Analytics Elective Science Elective (F/S) (4cr) General Educ. Languages Elective (3cr) (F/S) Science Elective (3cr) (3cr) (F/S) (3cr) (F/S) (3cr) (F/S) Lab 100/200 *3/4 (1cr) (F/S) **HUM/SS Elective** General Educ. Science Elective **ENGL 101** *3/4 100/200 *3/4 ENGL 279 **ENGL 289** *1/2 100/200 100/200 *3/4 Lab Composition I (3cr) (F/S) **HUM/SS Elective** Comm in STEM STEM Comm for **HUM/SS Elective HUM/SS Elective** (1cr) (F/S) (3cr) Workplace Tech & Pub Aud. (F/S) (3cr) (F/S) (3cr) (F/S) (3cr) (F/S) (3cr) (F/S) (3cr) (F/S)

Courses that are offered in Fall ONLY or Spring ONLY are indicated by F or S semesters, respectively. Courses indicated F/S are offered Fall and Spring semesters.

Refer to the 2025-26 academic catalog for additional information regarding system general education requirements elective courses, pre-/co-requisites and grade requirements.

A list of approved or recommended electives and other supplemental information may be obtained from your academic department. Revised: July 2025

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^{*1-6} Indicates courses that may be used to satisfy goals 1-6 of the system general education requirements.

Refer to the 2025-26 academic catalog for additional information regarding system general education requirements,