Freshman Year Freshman Year Sophomore Year Sophomore Year Junior Year Junior Year Senior Year Senior Year First First First Second Second Second First Second Semester Semester Semester Semester Semester Semester Semester Semester 14cr 15cr 15cr 16cr 15cr 16cr 15cr 14cr CSC 115 **CENG 320/L** MATH 381 CSC 215 Prog MATH 315 CSC 458/L Oper CSC 461 CSC 468 Intro Prob & Test-Driven Linear Algebra Sys & Virt Tech **RISC Assembly Programming Graphical UIP** Stats Software Dev Machines Language (3cr) (F/S) (3cr) (F/S) (4cr) (F/S) (3cr) (F/S) (S) (3cr) (F/S) (4cr) (4cr) (F) (3cr) **(S)** Math/Science VIC Elective VIC Elective VIC Elective Elective MATH 123 MATH 125 MATH 225 CSC 340 (F/S) (3cr) (F/S) (3cr) (F/S) (3cr) Calculus I Calculus II Calculus III Software Eng & (3cr) (F/S) Design (4cr) (F/S) (4cr) (F/S) (4cr) (F/S) (3cr) (F/S) CSC 463 CSC 467 Capstone Design Capstone Design (2cr) (F) (2cr) (S) CSC 251 CSC 315 → CSC 372 CSC 110 CSC 484 Math/Science Data Struct & Finite Struct Comp Sci & Elective Database Mgmt Analysis of Algor Algorithms Math (F/S) (4cr) (4cr) (F/S) (1cr) (F/S) (F) (3cr) (3cr) (F) (3cr) (F/S) 100/200 *3/4 VIC Elective **HUM/SS Elective** *3/4 100/200 (F/S) (3cr) **CENG 325 HUM/SS Elective** (3cr) (F/S) **CENG 244/L** CPU & GPU Org Intro to Digital & Architecture 100/200 (3cr) (F/S) Systems/Lab (3cr) **HUM/SS Elective** PHYS 207/L PHYS 209/L (3cr) (F/S) Fund of Phys. I/ Fund of Phys. II/ VIC Elective VIC Elective (3cr) Lab Lab (F/S) (3/1cr) (3/1cr) (F/S) (F/S) (3cr) (F/S) (3cr) (F/S) 100/200 *3/4 **ENGL 101 ENGL 279** *1/2 ENGL 289 **HUM/SS Elective** Composition I Comm in STEM Explorations in Workplace STEM Comm (3cr) (F/S) (3cr) (3cr) (F/S) (3cr) (F/S) (F/S)

BS Computer Science: Visual & Interactive Computing Specialization Curriculum Flowchart (2023-24)—120 Credits

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 2023-24 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: August 2023

CLICK HERE FOR ACCESSIBILITY

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