

Core Requirements-Starting Fall 2021

Major Plan:

Computer Science

Gen elec

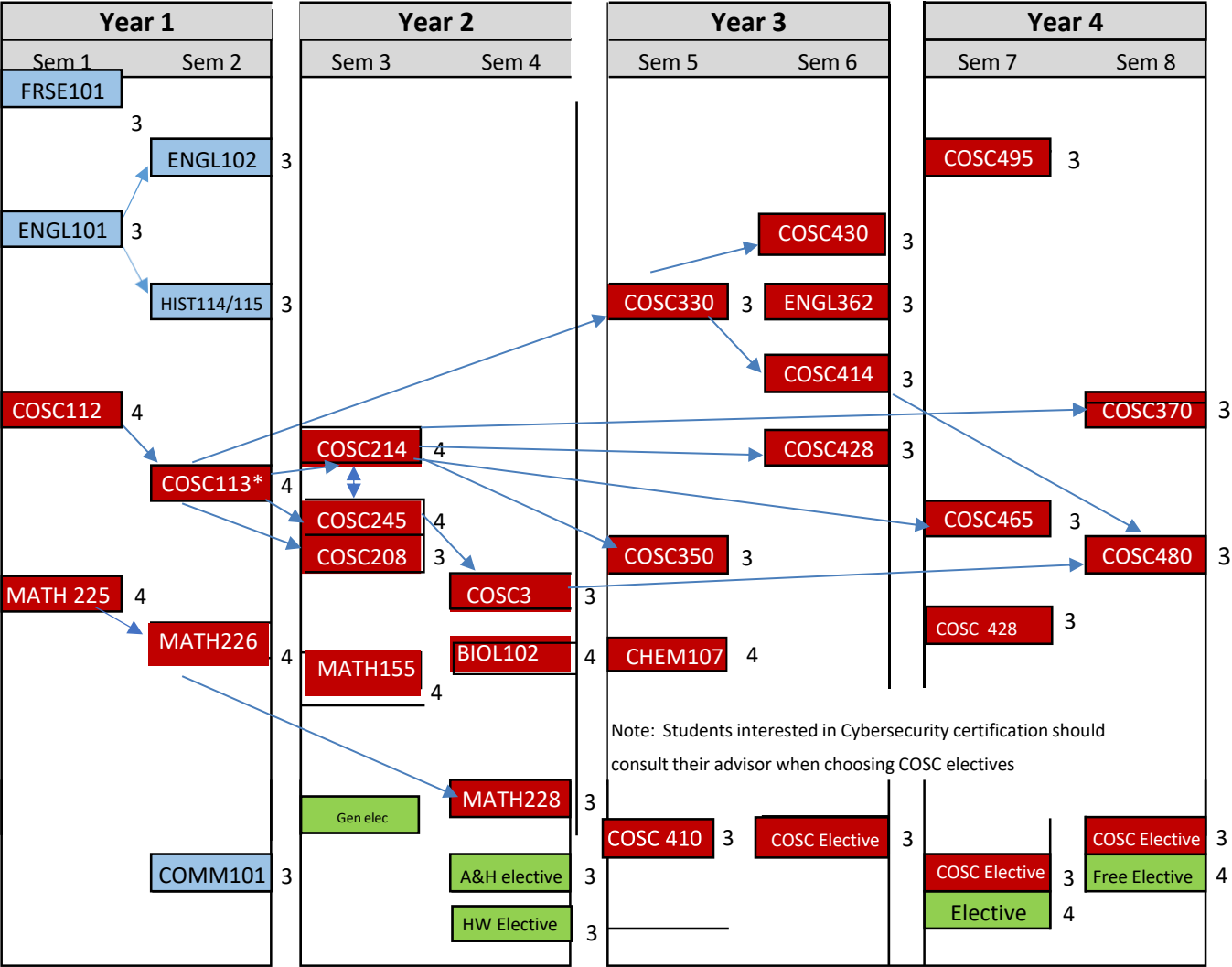
Gen Req't

Core Req't

Recommended Sequence of Course Selection by Year

Note: Advising for Computer Science majors is done by faculty in the Computer Science Department

Pre-College
Requirements



120 Total Credits: 14 17 15 16 13 15 16 12

Incoming students should test pass this course; if not, they are required to take it (no credit towards degree)

Math150 Students may need this course as a pre-requisite for Math225

*COSC190 may be used in place of COSC112 and COSC113 by transfer credit or consent of instructor; prior programming background is required

Brief Course Descriptions

COMM101	Oral Communication	MATH155	Intro Probability & Stat	COSC330	Systems programming I
ENGL101	Expository Writing	MATH225	Calculus I	COSC350	Programming Languages
ENGL102	Argument and Research	MATH226	Calculus II	COSC284	COSC Architecture/Org.
ENGL362	Technical Writ for Comp Sc	MATH228	Linear Algebra	COSC370	Comp Ethics, Soc & Leg Issues
FRSE101	Freshmen Seminar	COSC112	Computer Science I	COSC374	Object-Oriented Design
HIST114	African Ameri Hist to 1865	COSC113	Computer Science II	COSC414	Operating Systems
HIST115	African Ameri Hist Since 1865	COSC208	Discrete Structures	COSC428	Design & Analysis of Algo
BIOL 102	Introductory Biology	COSC214	Data Structures and Algorithms	COSC430	Systems Programming II
		COSC245	Cybersecurity Fundamentals	COSC480	Senior Capstone
				COSC495	Senior Seminar