Core Requirements-Prior to Fall 2021

Major Plan:
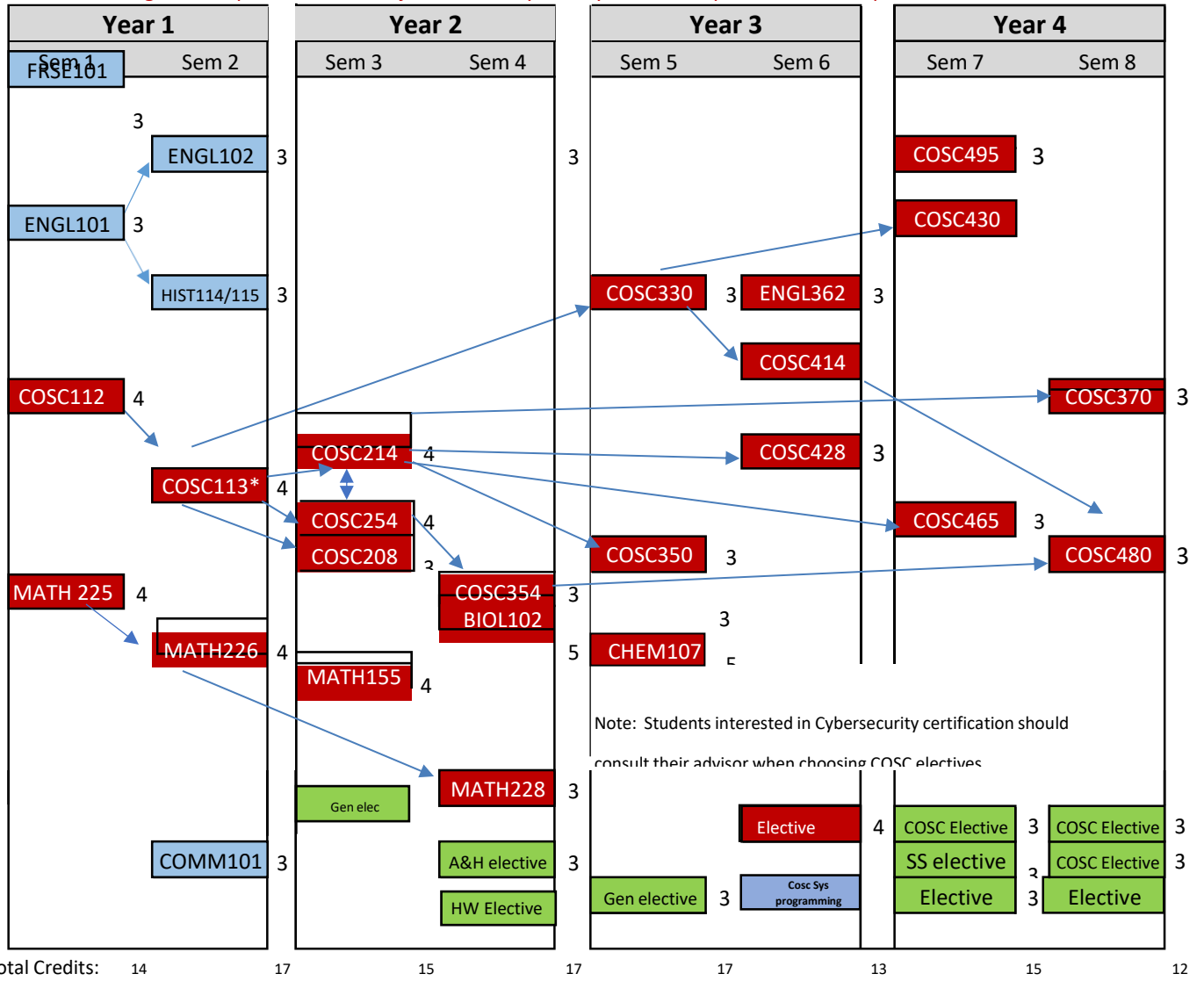
| | Gen elec | Gen Reqt | Core Req't |

Computer Science

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

Year 1		Year 2		Year 3		Year 4	
Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8

FRSE101

ENGL102 3

ENGL101 3

HIST114/115 3

COSC112 4

COSC113* 4

MATH 225 4

MATH226 4

MATH155 4

Gen elec

COMM101 3

COSC214 4

COSC254 4

COSC208 3

COSC354 / BIOL102 3

MATH228 3

A&H elective 3

HW Elective

3

COSC330 3

COSC350 3

CHEM107 5

Gen elective 3

ENGL362 3

COSC414

COSC428 3

Cosc Sys programming

Elective 4

COSC495 3

COSC430

COSC465 3

COSC370 3

COSC480 3

COSC Elective 3

SS elective 3

Elective 3

COSC Elective 3

COSC Elective 3

Elective 3

Note: Students interested in Cybersecurity certification should consult their advisor when choosing COSC electives.

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

Brief Course Descriptions

COMM101	Oral Communication
ENGL101	Expository Writing
ENGL102	Argument and Research
ENGL362	Technical Writ for Comp Sc
FRSE101	Freshmen Seminar
HIST114	African Ameri Hist to 1865
HIST115	African Ameri Hist Since 1865

MATH155	Intro Probability & Stat
MATH225	Calculus I
MATH226	Calculus II
MATH228	Linear Algebra
COSC112	Computer Science I
COSC113	Computer Science II
COSC208	Discrete Structures
COSC214	Data Structures and Algorithms
COSC254	Computer Organization

COSC330	Systems programming I
COSC350	Programming Languages
COSC354	Computer Architecture
COSC370	Comp Ethics, Soc & Leg Issues
COSC374	Object-Oriented Design
COSC414	Operating Systems
COSC428	Design & Analysis of Algo
COSC430	Systems Programming II
COSC480	Senior Capstone
COSC495	Senior Seminar