Computer Science, BS

YEAR ONE

FALL

Problem Solving with Java – CSC 1610	4 credits	Major Requirement
Discrete Mathematics – MTH 1314	4 credits	Major Requirement/ General Education Requirement
First Year Experience – FYE 1050	1 credit	General Education Requirement
Intro to College Writing – ENG 1050	4 credits	General Education Requirement
Intro to Philosophy – PHL 1000 level	4 credits	General Education Requirement

Total Credits – 17

SPRING

Data Structures – CSC 2820	4 credits	Major Requirement
Calculus I – MTH 1217	4 credits	Major Requirement/ General Education Requirement
Intro to Religion – RTS 1000	4 credits	General Education Requirement
General Education Elective/Minor	4 credits	General Education Requirement

Total Credits – 16

YEAR TWO

FALL

Analysis of Algorithms – CSC 2710	4 credits	Major Requirement
Databases – CSC 3810	4 credits	Major Requirement
General Education Elective/Minor	4 credits	General Education Requirement
Open Elective	4 credits	Open Elective

Total Credits – 16

SPRING

Object Oriented Design – CSC 2620	4 credits	Major Requirement
Major Elective	4 credits	Major Requirement
General Education Elective/Minor	4 credits	General Education Requirement
General Education Elective/Minor	4 credits	General Education Requirement

Total Credits – 16

YEAR THREE

FALL

Major Elective	4 credits	Major Requirement
Major Elective	4 credits	Major Requirement
General Education Elective/Minor	4 credits	General Education Requirement
Open Elective	4 credits	Open Elective

Total Credits – 16

Major Elective	4 credits	Major Requirement
Major Elective	4 credits	Major Requirement
General Education Elective/Minor	4 credits	General Education Requirement
Open Elective	4 credits	Open Elective

Total Credits – 16

YEAR FOUR

FALL

Computer Science Capstone – CSC 4910	4 credits	Major Requirement
Major Elective	4 credits	Major Requirement
General Education Elective/Minor	4 credits	General Education Requirement
Open Elective	4 credits	Open Elective

Total Credits – 16

SPRING

Major Elective	4 credits	Major Requirement
Major Elective	4 credits	Major Requirement
General Education Elective/Minor	4 credits	General Education Requirement
Open Elective	4 credits	Open Elective

Total Credits – 16

Note: This is a sample curriculum map. Students may progress toward graduation using alternative pathways.