

# B.S. Computer Science – 4 year plan

V.09.2021

<b>Freshman Fall Semester</b>	CSIS 201 (3) Intro to Computer Science I	MATH 201 (4) Calculus I			COMM 111* (3) Communication in Society	WRIT 111* (3) Caring for Words	THEO 101* (3) The Bible	<b>16</b>
<b>Freshman Spring Semester</b>	CSIS 202 (3) Intro to Computer Science II			PSYC 100 (3) Personhood	MATH 170 (3) Why Math Matters	HIST 111 (3) The Modern & Postmodern World	THEO 102* (3) Christianity	<b>15</b>
<b>Sophomore Fall Semester</b>	CSIS 310 (3) Data Structures	CSIS 321 (3) Software Engineering	MATH 260 (3) Discrete Math		CPAS 216 (1) Finding Internships (optional)	LITR 111 (3) Faith and Story	ARTP/V 120 (3) Art and Global Culture	<b>16</b>
<b>Sophomore Spring Semester</b>	CSIS 430 (3) Analysis of Algorithms	CSIS 370 (3) Object-Oriented Analysis/Design		(3) Free Elective	(3) Free Elective		GSCI 170 (4) Science and Faith	<b>16</b>
<b>Junior Fall Semester</b>	CSIS 340 (3) Database Systems	CSIS 360 (3) Architecture & Assembly Lang.	ENGR 381 (2) Servant Engineering I	(3) Free Elective	(3) Free Elective			<b>14</b>
<b>Junior Spring Semester</b>	CSIS 460 (3) Operating Systems	(3) CSIS Elective	ENGR 382 (2) Servant Engineering II	(3) Free Elective			SSCI 100 (3) Justice	<b>14</b>
<b>Senior Fall Semester</b>	CSIS 420 (3) Programming Languages	(3) CSIS Elective	ENGR 481 (1) Senior Design I	(3) Free Elective		CPAS 318 (1) College to Career (optional)	THEO 380 (3) Ethics	<b>14</b>
<b>Senior Spring Semester</b>	(3) CSIS Elective		ENGR 482 (3) Senior Design II	(3) Free Elective	(3) Free Elective	(3) Free Elective		<b>15</b>

\*It is strongly recommended that COMM 111, WRIT 111, THEO 101 and THEO 102 be taken during the Freshman year

\*If either/both of the CPAS courses are not taken then an extra free elective must be taken to meet the 120 credit graduation requirement.

CSIS  
Requirement

ENGE/ENGR  
Requirement

Math  
Requirement

Free Elective

General  
Education  
Requirements

**120**