

# Typical Four-Year Bachelor of Science Degree in Computer Engineering

The following is one possible sequence of courses to complete a degree in 4 years. The Department requires that each student verify their course plan with a faculty adviser.

## 1<sup>st</sup> Year

<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
(4) CSCI 125 Programming in Visual Basic (4) MATH 211 Basic Calculus I [B.1] (4) COMM 120 Oral Communication [A.2] (4) Critical thinking [A.4]	(4) CSCI 201 CS I (4) MATH 212 Calculus II (4) ENG 101 Freshman Comp.[A.1] (2) PHYS 152 Intro Eng. Design (2) Science & Tech. [B.4]	(4) CSCI 202 CS II (4) MATH 213 Calculus III (5) PHYS 150 Introductory Electronics (4) Natural Sciences Capstone [B.5]
<b>(16)</b>	<b>(16)</b>	<b>(17)</b>

## 2<sup>nd</sup> Year

<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
(4) MATH 262 Applied Statistics (4) ECON 200 Prin. of Microeconomics (4) CSCI 330 Data Structures (5) BIOL 100 [B.2]	(4) HIST 146 American Civilization [D.1] (1) CSCI 303 Engineering Design (4) Humanities Capstone [C.5] (4) Art [C.1] (2) Whole Person [E.2]	(4) MATH 272 Discrete Math (4) Literature [C.2] (1) CSCI 303 Engineering Design (4) Social & Behavioral Capstone [D.5] (4) NSCI 306 Expository Writing [F.1]
<b>(17)</b>	<b>(15)</b>	<b>(17)</b>

## 3<sup>rd</sup> Year

<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
(5) PHYS 221 General Physics I (4) MATH 251 Multi Variable Calculus I (4) Foreign Language [C.3] (1) CSCI 303 Engineering Design (4) World Cultures [D.3]	(5) PHYS 222 General Physics II (4) MATH 252 Multi Variable Calculus II (4) Math 373/PHYS 373 (1) CSCI 303 Engineering Design (4) CSCI 455 Software Engineering	(5) PHYS 223 General Physics III (6) CHEM 215 General Chemistry (1) CSCI 303 Engineering Design (2) Physical Education [E.3] (4) Philosophy [C.4]
<b>(17)</b>	<b>(18)</b>	<b>(18)</b>

## 4<sup>th</sup> Year

<b>Fall</b>	<b>Winter</b>	<b>Spring</b>
(5) CSCI 310 Digital Logic (4) CSCI Elective 1 (Specialization) (1) CSCI 303 Engineering Design (4) PHYS 318 Material Science Eng	(3) PHYS 224 General Physics IV (4) CSCI 313 Machine Organization (1) CSCI 303 Engineering Design (4) PHYS 350 Data Acquisition & Control (4) Discipline Perspective [D.4]	(5) CSCI 401 Computer Architecture (4) CSCI 460 Operating Systems (4) CSCI 403 Circuit Design and Analysis (4) CSCI Elective 2 (Specialization) (2) Whole Person [E.1]
<b>(14)</b>	<b>(16)</b>	<b>(17)</b>

[ ] Refers to General Education Categories

The yearly schedule of courses on which this plan is based is subject to revision without prior notice.