

**COMPUTER SCIENCE PROGRAM: FIRST AND SECOND YEARS  
STARTING FALL 2023<sup>1</sup>**

	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV
<b>MATHEMATICS</b>	MATH UN1101 (3)	MATH UN1102 (3)	APMA E2000 (4) and E2001 (0)	
<b>PHYSICS (three tracks, choose one)</b>	UN1401 (3) UN1601 (3.5) UN2801 (4.5)	UN1402 (3) UN1602 (3.5) UN2802 (4.5)	Chemistry or physics lab: PHYS UN1494 (3) or PHYS UN3081 (2) or CHEM UN1500 (3) or CHEM UN1507 (3) or CHEM UN3085 (4)	
<b>CHEMISTRY/ BIOLOGY (choose one course)</b>	CHEM UN1403 (3) or higher or EEEE UN2001 (4) or UN2005 (4) or higher either semester			
<b>UNIVERSITY WRITING</b>	CC1010 (3) either semester			
<b>REQUIRED NONTECHNICAL ELECTIVES</b>	ECON UN1105 (4) and UN1105 recitation (0) any semester			
			HUMA CC1001 or COCI CC1101 or Major Cultures (3–4)	HUMA CC1002 or COCI CC1102 or Major Cultures (3–4)
				HUMA UN1121 or UN1123 (3)
<b>REQUIRED TECH ELECTIVES</b>	ENGI E1006 Computing for EAS (3) either semester			
<b>COMPUTER SCIENCE</b>	COMS W1004 (3) or COMS W1007 (3) Intro to computer science		COMS W3134 (3) or COMS W3137 (4) Data structures and COMS W3203 (4) Discrete math	COMS W3157 (4) Adv. programming and linear algebra or probability/statistics requirement (see list of accepted courses) <sup>1</sup>
<b>PHYSICAL EDUCATION</b>	UN1001 (1)	UN1002 (1)		
<b>THE ART OF ENGINEERING</b>	ENGI E1102 (4) either semester			

<sup>1</sup> For program information before Fall 2023, please view the 2022–2023 Bulletin.

**COMPUTER SCIENCE: THIRD AND FOURTH YEARS**  
**STARTING FALL 2023<sup>1</sup>**

		SEMESTER V	SEMESTER VI	SEMESTER VII	SEMESTER VIII
<b>REQUIRED COURSES</b>		CSEE W3827 (3) Fund. of comp. systems <b>and</b> COMS W3261 (3) Computer sci. theory <b>and</b> Linear Algebra <b>or</b> Probability/Statistics requirement (see list of accepted courses)			
<b>ELECTIVES</b>	<b>NONTECH</b>		3 points	6 points	3 points
	<b>TECH</b>	6 points	12 points	9 points	9 points
<b>TOTAL POINTS</b>		15	15	15	12

<sup>1</sup> For program information before Fall 2023, please view the 2022–2023 Bulletin.