

COLLEGE OF COMPUTING AND ENGINEERING DEGREE CURRICULUM SHEET | 2021 - 2022 CATALOG

Bachelor of Science in Engineering

FallCourseCreditsCourseCourseUNIV 1000: First Year Seminar3COMP 2000 Advanced College Writing3COMP 1500 College Writing3CHEM 1300 General Chemistry I/Lab4BIOL 1500 Biology I/Lab4MATH 2200 Calculus II4MATH 2100 Calculus I4GENG 1016 Introduction to Engineering Design3GENG 1000 Introduction to Engineering1GENG 2050 Computer Applications in Engineering3GENG 1012 Engineering Graphics3Total Credits12Sophomer YearWinterCourseCreditsCourseCoursePHYS 2400 Physics I/Lab4PHYS 2500 Physics II/Lab4MATH 3200 Calculus III4MATH 3300 Introductory Linear Algebra3MATH 4500 Probability and Statistics3MATH 3400 Ordinary Differential Equations3GENG 2000 Engineering Design and Project2GENG 2070 Materials and Processes3Management IGENG 2450 Dynamics3	7
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Management I GENG 2450 Dynamics 3	
GENG 2022 Statics 3	
Total Credits 16 Total Credits 10	6
Junior Year	
Fall Winter	
<u>Course</u> <u>Credits</u> <u>Course</u> <u>Credits</u>	<u>lits</u>
Open Social/Behavioral Science 3 GENG 3000 Engineering Design and Project 3	
EENG 2710 Electrical Circuits/Lab 4 Management II	
GENG 3800 Quality Control for Engineers 3 GENG 3012 Thermal and Fluid Systems 3	
GENG 3420 Engineering Economics 3 GENG 3050 Sensors, Measurements, and Controls 3	
Open Concentration 3 GENG 3024 Mechanics of Materials 3	
Open Concentration 3	_
Total Credits 16 Total Credits 15	5
Senior Year	
Fall Winter	1
<u>Course</u> <u>Credits</u> <u>Course</u> <u>Credits</u>	<u>lits</u>
Open Arts & Humanities 3 Open Arts & Humanities 3	
CENG 4910 Engineering Ethics Seminar 1 Open Social/Behavioral Science 3	
GENG 4010 Senior Capstone Design Project I 3 GENG 4020 Senior Capstone Design Project II 3	
Open Concentration 3 Open Concentration 3	
Open Concentration 3	_
Total Credits 13 Total Credits 12 TOTAL CREDITS: 123	2