NOVA SOUTHEASTERN UNIVERSITY | NSU Florida

COLLEGE OF COMPUTING AND ENGINEERING
DEGREE CURRICULUM SHEET | 2021 - 2022 CATALOG
Bachelor of Science in Engineering

Freshman Year			
Fall		**Winter**	
Course	**Credits**	**Course**	**Credits**
UNIV 1000: First Year Seminar	3	COMP 2000 Advanced College Writing	3
COMP 1500 College Writing	3	CHEM 1300 General Chemistry I/Lab	4
BIOL 1500 Biology I/Lab	4	MATH 2200 Calculus II	4
MATH 2100 Calculus I	4	GENG 1016 Introduction to Engineering Design	3
GENG 1000 Introduction to Engineering	1	GENG 2050 Computer Applications in Engineering	3
GENG 1012 Engineering Graphics	3		
Total Credits	**18**	**Total Credits**	**17**
Sophomore Year			
Fall		**Winter**	
Course	Credits	Course	Credits
PHYS 2400 Physics I/Lab	4	PHYS 2500 Physics II/Lab	4
MATH 3200 Calculus III	4	MATH 3300 Introductory Linear Algebra	3
MATH 4500 Probability and Statistics	3	MATH 3400 Ordinary Differential Equations	3
GENG 2000 Engineering Design and Project Management I	2	GENG 2070 Materials and Processes	3
		GENG 2450 Dynamics	3
GENG 2022 Statics	3		
Total Credits	**16**	**Total Credits**	**16**
Junior Year			
Fall		**Winter**	
Course	Credits	Course	Credits
Open Social/Behavioral Science	3	GENG 3000 Engineering Design and Project Management II	3
EENG 2710 Electrical Circuits/Lab	4		
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**
Senior Year			
Fall		**Winter**	
Course	Credits	Course	Credits
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			