

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING					
FIRST YEAR					
FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
MATH 27. Analytic Geometry and Calculus II	3	MATH 28. Analytic Geometry and Calculus III	3		
PHYS 71. University Physics I	4	PHYS 72. University Physics II	4		
PHYS 71.1. University Physics I Laboratory	1	PHYS 72.1. University Physics II Laboratory	1		
EE 30. Introduction to Electrical Engineering	1	ENSC 10.1. Engineering Graphics Laboratory	2		
PI 10. The Life and Works of Jose Rizal	3	ENSC 11. Statics of Rigid Bodies	3		
ARTS 1. Critical Perspectives in the Arts	3	GE Elective	3		
ETHICS 1. Ethics and Moral Reasoning in Everyday Life	3	GE Elective	3		
HK 11. Wellness and Basic Injury Management	(2)	HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)		
NSTP 1. National Service Training Program I	(3)	NSTP 2. National Service Training Program II	(3)		
	18		19		
SECOND YEAR					
FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
EE 40. Fundamentals of Electrical Engineering I	4	EE 50. Fundamentals of Electrical Engineering II	4		
EE 45. Fundamentals of Engineering Electromagnetics	3	EE 51. Electromechanical Energy Conversion for DC	3		
ENSC 12. Dynamics of Rigid Bodies	3	EE 55. Semiconductor Devices	3		
ENSC 14a. Engineering Thermodynamics and Heat Transfer	5	ENSC 26. Computer Applications in Engineering	3		
ENSC 21. Mathematical Methods in Engineering	3	KAS 1/HIST 1. Kasaysayan ng Pilipinas/Philippine History	3		
STS 1. Science, Technology, and Society	3	GE Elective	3		
HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)	HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)		
	21		19		
THIRD YEAR					
FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
EE 60. Signals and Systems	3	EE 70. Instrumentation Engineering	4	EE 198. Internshi	3
EE 65. Electronic Circuits	4	EE 75. Digital Electronics	4		
EE 61. Electromechanical Energy Conversion for AC	4	EE 71. Analysis of Power Systems	3		
EE 62. Principles of Power Systems	3	EE 79. Electrical Engineering Law, Ethics, and Contracts	1		
EE 66. Signals and Noise in Electrical Engineering Networks	3	FPPS 183. Engineering Economic Analysis	3		
ENG 10. Writing of Scientific Papers	3	IE 184. Project Development and Management	3		
		EE 199. Undergraduate Seminar	1		
	20		19		3
FOURTH YEAR					
FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
EE 85. Industrial Electronics	3	EE 200/200b/200c. Undergraduate Thesis/Innovationeering/Engineering Industry Research	3		
EE 80. Control Systems Analysis	3	Specialization Course	3		
EE 86. Electronic Communication Systems I	3	Specialization Course	3		
EE 81. Maintenance of Electrical Equipment and Devices	3	Elective	3		
COMM 10. Critical Perspectives in Communication	3	Elective	3		
EE 200/200b/200c. Undergraduate Thesis/Innovationeering/Engineering Industry Research	3	EE 91. Electrical System Design, Planning, and Estimation	4		
Specialization Course	3				
	21		19		

**TOTAL UNITS**

**156**