

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
KAS 1/HIST 1. Kasaysayan ng Pilipinas/Philippine History	3	ARTS 1. Critical Perspectives in the Arts	3		
ME 10*. Introduction to Mechanical Engineering	3	EE 1. Basic Electrical Engineering	3		
ENSC 10.1. Engineering Graphics Laboratory	3	PI 10. The Life, Works, and Writings of Rizal	3		
CHEM 18. University Chemistry	3	ENSC 11. Statics of Rigid Bodies	3		
CHEM 18.1. University Chemistry Laboratory	2	MATH 28. Analytic Geometry and Calculus III	3		
MATH 27. Analytic Geometry and Calculus II	3	IE 31. Industrial Organization and Management	3		
PHYS 71. University Physics I	4	ME 43**. Engineering Shop	3		
PHYS 71.1. University Physics I Laboratory	1	NSTP 1. National Service Training Program	(3)		
HK 11. Wellness and Basic Injury Management	(2)	HK 12. Human Kinetics Activities	(2)		
	19		21		

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
ETHICS 1. Ethics and Moral Reasoning in Everyday Life	3	EE 3*. DC and AC Machinery	4		
EE 2*. Basic Electronics Engineering	4	ENSC 15. Fundamentals of Heat Transfer	3		
ENSC 12. Dynamics of Rigid Bodies	3	ENSC 16. Fluid Mechanics	3		
ENSC 13. Strength of Materials	3	ENSC 21. Mathematical Methods in Engineering	3		
ENSC 14. Basic Thermodynamics	3	ME 45*. Analysis of Machine Elements	3		
ME 113**. Manufacturing Processes	3	ME 70*. Mechanical Engineering Thermodynamics	3		
NSTP 2. National Service Training Program	(3)	HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)		
HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)				
	19		19		

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
STS 1. Science, Technology and Society	3	COMM 10. Critical Perspectives in Communication	3	ME 198. Practicum	3
IE 150. Systems Evaluation	3	ENG 10. Writing of Scientific Papers	3		
ME 53**. Machine Design for Bioproduction Systems I	3	ENSC 26. Computer Applications in Engineering	3		
ME 160*. Mechanical Vibrations	3	ME 154*. Design of Machinery	3		
ME 171*. Fluid Machinery	3	ME 173.1*. Mechanical Engineering Laboratory I	1		
ME 172*. Combustion Engineering	2	ME 176*. Air Conditioning and Ventilation Systems	3		
ME 175*. Refrigeration Systems	3	IE 184. Project Development and Management			
	21		19		3

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
Elective GE Course	3	Elective GE Course	3		
EE 28*. Introduction to Control Systems	3	Elective GE Course	3		
STAT 101. Statistical Methods	3	ME 181*. Industrial Plant Engineering and Design	4		
ME 90*. Mechanical Engineering Laws, Ethics, Codes and Sta	2	ME 182*. Power Plant Engineering and Design	4		
ME 174.1*. Mechanical Engineering Laboratory II	2	ME 200/b/c*. Undergraduate Thesis/Engineering Industry Research/ Innovationeering	3		
ME 199*. Undergraduate Seminar	1	Elective*	3		
ME 200/b/c*. Undergraduate Thesis/Engineering Industry Re	3				
	3				
	20		20		

TOTAL UNITS

161