

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
ARTS 1. Critical Perspectives in the Arts	3	ENSC 11. Statics of Rigid Bodies	3		
STS 1. Science, Technology, and Society	3	MATH 28. Analytic Geometry and Calculus III	3		
MATH 27. Analytic Geometry and Calculus II	3	IE 31. Industrial Organization and Management	3		
IE 10. Foundations of Industrial Engineering	1	IE 21. Industrial Processes	3		
PHYS 51. Elements of Physics	4	STAT 101. Statistical Methods	3		
PHYS 51.1. Elements of Physics Laboratory	1	KAS 1/HIST 1. Kasaysayan ng Pilipinas/Philippine History	3		
CHEM 18. University Chemistry	3	GE Elective. General Education	3		
CHEM 18.1. University Chemistry Laboratory	2	HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)		
HK 11. Wellness and Basic Injury Management	(2)	NSTP 2. National Service Training Program II	(3)		
NSTP 1. National Service Training Program I	(3)				
	20		21		

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
PI 10. The Life and Works of Jose Rizal	3	ETHICS 1. Ethics and Moral Reasoning in Everyday Life	3	IE 198. Internship	3
ENSC 21. Mathematical Methods in Engineering	3	IE 142. Operations Research II	3		
IE 141. Operations Research I	3	ENSC 12. Dynamics of Rigid Bodies	3		
IE 132. Methods of Engineering	5	ENSC 10.1. Engineering Graphics Laboratory	2		
IE 125. Industrial Quality Control	5	IE 151. Production Systems	3		
HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)	IE 150. Systems Evaluation	3		
		MGT 111. Principles of Accounting	3		
		HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)		
	19		20		3

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
ENSC 13. Strength of Materials	3	ENSC 16. Fluid Mechanics	3		
IE 143. Stochastic Processes in Industrial Engineering	3	ENSC 14a. Engineering Thermodynamics and Heat Transfer	5		
ABE 43. Engineering Shop	3	IE 144. Systems Simulation	3		
IE 152. Manufacturing Planning and Design	3	IE 184. Project Development and Management	3		
ENSC 26. Computer Applications in Engineering	3	IE 164. Informations Systems I	3		
IE 134. Ergonomics	3	IE 136. Industrial Safety and Health	3		
	18		20		

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
Technical Cognate	3	Technical Cognate	3		
ENG 10. Writing of Scientific Papers	3	IE 90. Ethics for Industrial Engineers	2		
IE 158. Supply Chain Engineering	3	COMM 10. Critical Perspectives in Communication	3		
IE 165. Information Systems II	3	GE Elective. General Education	3		
IE 185. Industrial Systems Design	3	GE Elective. General Education	3		
IE 199. Undergraduate Seminar	1	EE 1. Basic Electrical Engineering	3		
IE 200/200b/200c. Thesis/Innovationeering/EIR	3	IE 200/200b/200c. Thesis/Innovationeering/EIR	3		
	19		20		

TOTAL UNITS

160