

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
ARTS 1. Critical Perspectives in the Arts	3	ABE 48. Fundamentals of Surveying	3		
CE 10. Fundamentals of Civil Engineering	1	ENSC 11. Statics of Rigid Bodies	3		
ENSC 10.1. Engineering Graphics Laboratory	2	MATH 28. Analytic Geometry and Calculus III	3		
KAS 1/HIST 1. Kasaysayan ng Pilipinas/Philippine History	3	PHYS 72. University Physics II	4		
MATH 27. Analytic Geometry and Calculus II	3	PHYS 72.1. University Physics II Laboratory	1		
PHYS 71. University Physics I	4	STS 1. Science, Technology, and Society	3		
PHYS 71.1. University Physics I Laboratory	1	GE Elective	3		
		HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)		
HK 11. Wellness and Basic Injury Management	(2)				
	17		20		

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
EE 1. Basic Electrical Engineering	3	CHEM 18. University Chemistry	3		
ENSC 12. Dynamics of Rigid Bodies	3	CHEM 18.1. University Chemistry Laboratory	2		
ENSC 13. Strength of Materials	3	CE 120. Higher Surveying	3		
ENSC 21. Mathematical Methods in Engineering	3	CE 131. Structural Analysis I	3		
STAT 101. Statistical Methods	3	ENSC 16. Fluid Mechanics	3		
GE Elective	3	ETHICS 1. Ethics and Moral Reasoning in Everyday Life	3		
GE Elective	3	PI 10. The Life and Works of Jose Rizal	3		
HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)	HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)		
NSTP 1. National Service Training Program	(3)	NSTP 2. National Service Training Program	(3)		
	21		20		

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
ABE 57. Field Hydrology	3	CE 122. Transportation Engineering II	3	CE 198. Internship	3
CE 121. Transportation Engineering I	3	CE 134. Design of Reinforced Concrete Members	4		
CE 132. Structural Analysis I	3	CE 152. Sanitary Engineering II	3		
CE 133. Structural Analysis II	3	CE 161. Construction Materials and Testing	3		
CE 151. Sanitary Engineering I	3	CE 163. Civil Engineering Laws, Contracts and Ethics	2		
CE 170. Geotechnical Engineering	3	ENSC 16.1. Fluid Mechanics Laboratory	2		
FPPS 183. Engineering Economic Analysis	3	IE 184. Project Development and Management	3		
	21		20		3

FOURTH YEAR

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
CE 135. Design of Steel Members	3	ABE 67. Irrigation and Drainage Engineering I	3		
CE 137. Structural Dynamics and Earthquake Engineering	3	CE 197. Civil Engineering Project Integration	3		
CE 141. Hydraulic Engineering	3	CE 199. Undergraduate Seminar	1		
CE 164. Construction Project Planning and Management	4	CE 200/200b. Undergraduate Thesis/Innovationeering	3		
CE 171. Foundation Engineering	3	COMM 10. Critical Perspectives in Communication	3		
CE 200/200b. Undergraduate Thesis/Innovationeering	3	ENG 10. Writing of Scientific Papers	3		
		ENSC 26. Computer Applications in Engineering	3		
	19		19		

TOTAL UNITS

160

BACHELOR OF SCIENCE IN CIVIL ENGINEERING
Redesigned curriculum for remote learning from First Semester 2020-2021 to present

FIRST YEAR				
FIRST SEMESTER		SECOND SEMESTER		MIDYEAR
ARTS 1. Critical Perspectives in the Arts	3	ENSC 10.1. Engineering Graphics Laboratory	2	
CE 10. Fundamentals of Civil Engineering	1	ENSC 11. Statics of Rigid Bodies	3	
GE Elective	3	MATH 28. Analytic Geometry and Calculus III	3	
HIST1/KAS1. Kasaysayan ng Pilipinas/Philippine History	3	PHYS 72. University Physics II	4	
MATH 27. Analytic Geometry and Calculus II	3	PHYS 72.1. University Physics II Laboratory	1	
PHYS 71. University Physics I	4	STS 1. Science, Technology and Society	3	
PHYS 71.1. University Physics I Laboratory	1	GE Elective	3	
		HK 11. Wellness and Basic Injury Management	(2)	
	18		19	
SECOND YEAR				
FIRST SEMESTER		SECOND SEMESTER		MIDYEAR
EE 1. Basic Electrical Engineering	3	CHEM 18. University Chemistry	3	
ENSC 12. Dynamics of Rigid Bodies	3	CHEM 18.1. University Chemistry Laboratory	2	
ENSC 13. Strength of Materials	3	CE 120. Higher Surveying	3	
ENSC 21. Mathematical Methods in Engineering	3	CE 131. Structural Analysis I	3	
STAT 101. Statistical Methods	3	ENSC 16. Fluid Mechanics	3	
GE Elective	3	ETHICS 1. Ethics and Moral Reasoning in Everyday Life	3	
ABE 48. Fundamentals of Surveying	3	PI 10. The Life, Works, and Writings of Rizal	3	
HK 12. Human Kinetics Activities	(2)	HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)	
NSTP 1. National Service Training Program	(3)	NSTP 2. National Service Training Program	(3)	
	21		20	
THIRD YEAR				
FIRST SEMESTER		SECOND SEMESTER		MIDYEAR
ABE 57. Field Hydrology	3	CE 122. Transportation Engineering II	3	CE 198. Practicum 3
CE 121. Transportation Engineering I	3	CE 134. Design of Reinforced Concrete Members	4	
CE 132. Structural Analysis II	3	CE 152. Sanitary Engineering II	3	
CE 133. Design of Timber Members	3	CE 161. Construction Materials & Testing	3	
CE 151. Sanitary Engineering I	3	CE 163. Civil Engineering Laws, Contracts and Ethics	2	
CE 170. Geotechnical Engineering	3	ENSC 16.1. Fluid Mechanics Laboratory	2	
FPPS 183. Engineering Economic Analysis	3	IE 184. Project Development and Management	3	
HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)			
	21		20	3
FOURTH YEAR				
FIRST SEMESTER		SECOND SEMESTER		MIDYEAR
CE 135. Design of Steel Members	3	ABE 67. Irrigation & Drainage Engineering	3	
CE 137. Structural Dynamics and Earthquake Engineering	3	CE 197. Civil Engineering Project Integration	3	
CE 141. Hydraulic Engineering	3	CE 199. Seminar	1	
CE 164. Construction Project Planning and Management	4	CE 200/200b. Thesis/Innovationeering	3	
CE 171. Foundation Engineering	3	COMM 10. Critical Perspectives in Communication	3	
CE 200/200b. Thesis/Innovationeering	3	ENG 10. Writing of Scientific Papers	3	
		ENSC 26. Computer Applications in Engineering	3	
	19		19	
TOTAL UNITS	160			