

**PROGRAM OF STUDY  
BS CIVIL ENGINEERING**

**FIRST YEAR**

First Semester		Units	Second Semester		Units
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	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)	HK 12	Human Kinetics Activities	(2)
		<u>17</u>			<u>20</u>

**SECOND YEAR**

First Semester		Units	Second Semester		Units
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, Works, and Writings of Rizal	3
HK 12	Human Kinetics Activities	(2)	HK 13	Advanced Human Kinetics Activities	(2)
NSTP 1	National Service Training Program I	(3)	NSTP 2	National Service Training Program II	(3)
		<u>21</u>			<u>20</u>

**THIRD YEAR**

First Semester		Units	Second Semester		Units
ABE 57	Field Hydrology	3	CE 122	Transportation Engineering II	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 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
		<u>21</u>			<u>20</u>
Midyear		Units			
CE 198	Internship	3			
		<u>3</u>			

**FOURTH YEAR**

First Semester		Units	Second Semester		Units
CE 135	Design of Steel Members	3	ABE 67	Irrigation & 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 CE 200b	Undergraduate Thesis or Innovationeering	3
CE 171	Foundation Engineering	3	COMM 10	Critical Perspectives in Communication	3
CE 200	Undergraduate Thesis or	3	ENG 10	Writing of Scientific Papers	3
CE 200b	Innovationeering	3	ENSC 26	Computer Applications in Engineering	3
		<u>19</u>			<u>19</u>

**TOTAL UNITS : 160**

# Flowchart for BS Civil Engineering

