Curriculum Leading to the Degree of Bachelor of Science in Civil Engineering*
Effective First Semester 2011-2012

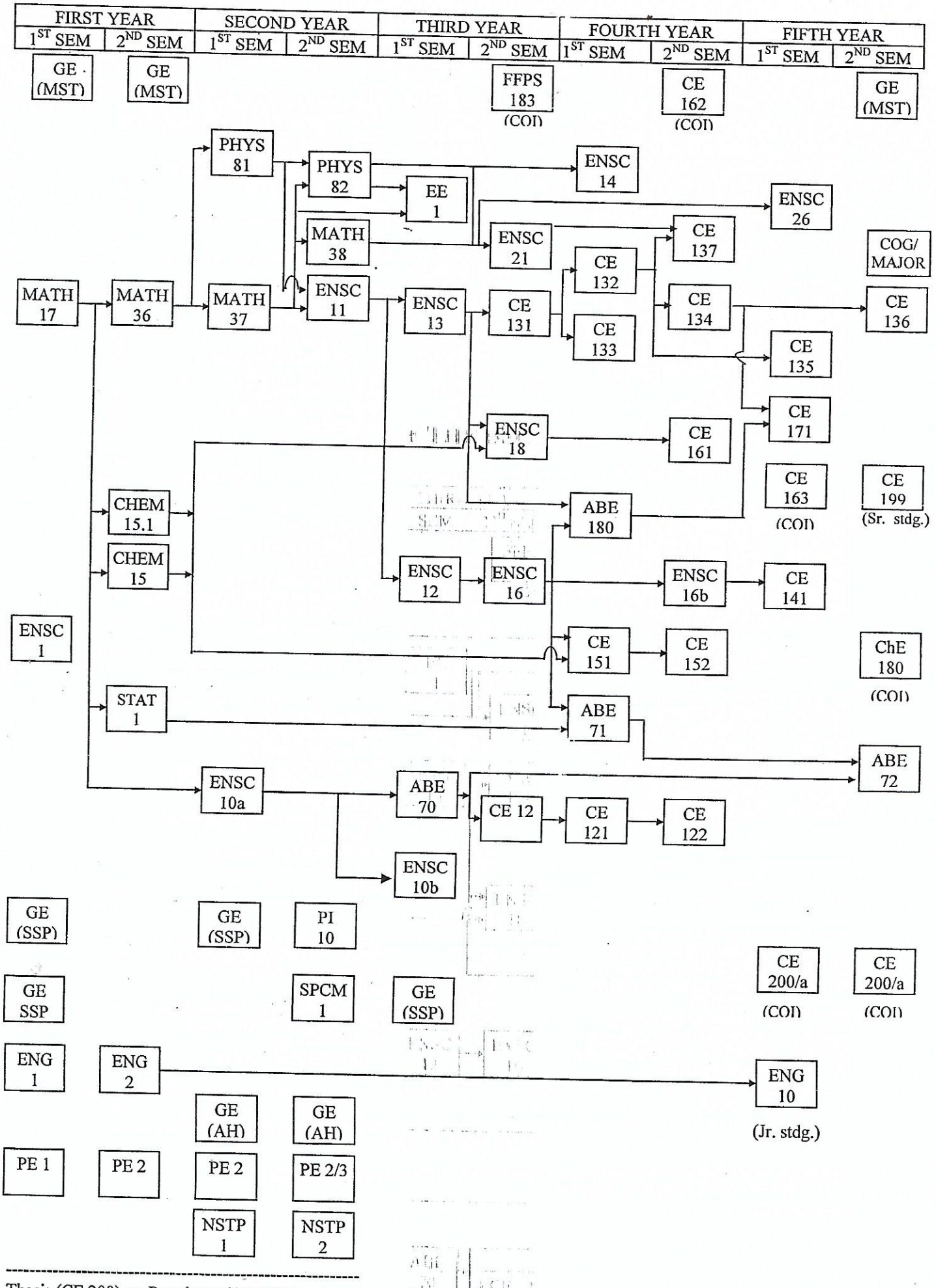
	FIRST SEMESTER	UNIT		SECOND SEMESTER	UNIT
			FIRST YEAR		
ENG 1(AH)	College English	3	CHEM 15	Fundamentals of Chemistry	3
ENSC 1	Introduction to Engineering	1	CHEM 15.1	Fundamentals of Chemistry Laboratory	2
GE OPTION	Social Sciences and Philosophy	3	ENG 2(AH)	College Writing in English	3
MATH I7	Algebra & Trigonometry	5	MATH 36	Mathematical Analysis	5
GE OPTION	Math, Science, and Technology	3	GE OPTION	Math, Science, and Technology	3
GE OPTION	Social Sciences and Philosophy	3	STAT 1	Elementary Statistics	3
PE 1	Foundations of Physical Fitness	(2)	PE 2	Sports	(2)
	Total	**18**		**Total**	**19**
			SECOND YEAR		
ENSC 10a	Engineering Graphics I	2	SPCM 1(AH)	Speech Communication	3
GE OPTION	Social Sciences and Philosophy	3	ENSC 11	Statics of Rigid Bodies	3
GE OPTION	Arts and Humanities	3	GE OPTION	Arts and Humanities	3
MATH 37	Mathematical Analysis II	5	PI 10(SSP)	Life and Works of Jose Rizal	3
PHYS 81	Fundamental Physics I	5	MATH 38	Mathematical Analysis III	3
PE 2	Sports	(2)	PHYS 82	Fundamental Physics II	5
NSTP 1	Basic Course	(3)	PE 2/3	Sports/Advanced Course	(2)
			NSTP 2	Basic Course	(3)
	Total	**18**		**Total**	**20**
			THIRD YEAR		
ABE 70	Fundamentals of Surveying	3	CE 12	Higher Surveying	3
ENSC 13	Strength of Materials	3	CE 131	Structural Engineering I	3
ENSC 12	Dynamics of Rigid Bodies	3	ENSC 16	Fluid Mechanics	3
EE 1	Basic Electrical Engineering	3	ENSC 18	Materials of Engineering	3
GE OPTION	Social Sciences and Philosophy	3	ENSC 21	Mathematical Methods in Engineering	3
ENSC 10b	Engineering Graphics II	2	FPPS 183	Engineering Economic Analysis	3
	Total	**17**		**Total**	**18**
			FOURTH YEAR		
ABE 71	Field Hydrology	3	CE 122	Transportation Engineering II	3
ABE 180	Soil Engineering	3	CE 134	Structural Engineering IV	3
CE 121	Transportation Engineering I	3	CE 152	Sanitary Engineering II	3
CE 132	Structural Engineering II	3	CE 161	Construction Materials & Testing	3
CE 133	Structural Engineering III	3	CE 162	Construction Project, Planning & Management	3
CE 151	Sanitary Engineering I	3			
ENSC 14	Basic Thermodynamics	3	CE 137	Structural Dynamics and Earthquake Engineering	3
			ENSC 16b	Fluid Mechanics Laboratory	2
	Total	**21**		**Total**	**20**
			FIFTH YEAR		
CE 135	Structural Engineering V	3	ABE 72	Irrigation & Drainage Engineering	3
CE 141	Hydraulic Engineering	3	CE 136	Pre-Stressed Concrete	3
CE 163	Civil Eng. Laws, Contracts & Ethics	2	CE 199	Seminar	1
			ChE 180	Agro-Industrial Waste Management	3
CE 171	Foundation Engineering	3	GE OPTION	Math, Science, and Technology	3
ENG 10	Writing of Scientific Papers	3	CE 200/a	Thesis/Practicum	3
ENSC 26	Computer Applications in Eng.	3	Cognate	Cognate/Major CE Course**	3
CE 200/a	Thesis/Practicum	3			
	Total	**20**		**Total**	**19**

TOTAL UNITS = 190

*The student should enrol a 3-unit GE Course on Philippine studies in any domain (AH/SSP/MST).
**To be taken/chosen with Department's approval

MSM/SM/DMAS 09-13-2011

FLOWCHART OF THE BSCE CURRICULUM



Thesis (CE 200) or Practicum (CE 200a)

CE 200 may be taken three times at two units each CE 200a may be started during Summer before the fifth year.