

Bachelor of Science in Electronics and Telecommunication Engineering (BSETE)

Department of Electrical and Computer Engineering

School of Engineering and Physical Sciences

North South University

Bashundhara, Dhaka-1229, Bangladesh

Total Credit Hours: 130

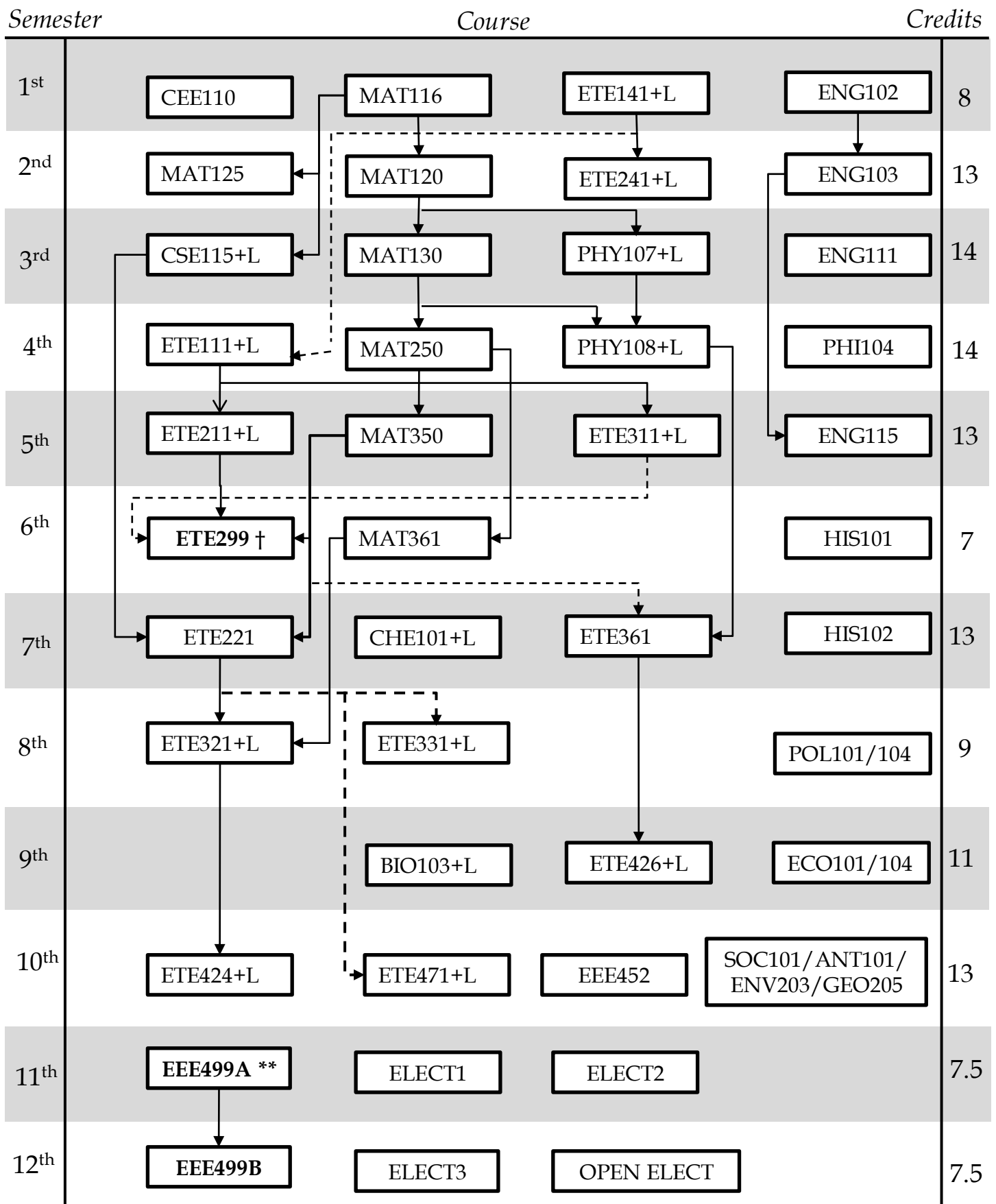
Semester/Year-wise breakdown of BSETE courses

	Semester 1	Semester 2	Semester 3
1st Year	ENG 102 (3 cr.) MAT116 (0 cr.) CEE110 (1 cr.) ETE141+CL (4 cr.)	ENG 103 (3 cr.) MAT120 (3 cr.) MAT 125 (3 cr.) ETE241+CL (4 cr.)	ENG111 (3 cr.) MAT130 (3 cr.) PHY107+CL (4 cr.) CSE115+CL (4 cr.)
2nd Year	PHI104 (3 cr.) MAT250 (3 cr.) PHY108 +CL (4 cr.) ETE111+CL (4 cr.)	ENG115 (3 cr.) MAT350 (3 cr.) ETE211+IL (3 cr.) ETE311+CL (4 cr.)	HIS101 (3 cr.) MAT 361 (3 cr.) ETE299 (1 cr.)
3rd Year	HIS102 (3 cr.) CHE 101+CL (4 cr.) ETE221 (3 cr.) ETE361 (3 cr.)	POL101/104 (3 cr.) ETE321+IL (3 cr.) ETE331+IL (3 cr.)	ECO101/104 (3 cr.) BIO103+CL (4 cr.) ETE426+CL (4 cr.)
4th Year	SOC101/ANT101/ENV 203 /GEO205 (3 cr.) EEE452 (3 cr.) ETE424+CL (4 cr.) ETE471+IL (3 cr.)	ELECT1 (3 cr.) ELECT2 (3 cr.) ETE499A (1.5 cr.)	ELECT3 (3 cr.) OPEN ELECT (3 cr.) ETE499B (1.5 cr.)

Semester-wise Subjective sequences of courses and Prerequisite list - BSETE

SEM.	COURSE	Cr.	Cr./Sem.	PREREQUISITES
1 st	ENG102: Introduction to Composition	3	8	
	MAT116: Pre-Calculus	0		
	ETE141+CL: Electrical Circuits I	4		
	CEE110 (Engineering Drawing)	1		
2 nd	ENG 103: Intermediate Composition	3	13	ENG102/Waiver
	MAT120: Calculus I	3		MAT116
	MAT125: Linear Algebra	3		MAT116
	ETE241+CL: Electrical Circuits II	4		ETE141
3 rd	ENG111: Public Speaking	3	14	
	MAT130: Calculus II	3		MAT120
	PHY107+CL: Physics I	4		MAT120
	CSE115+CL: Programming Language I	4		MAT116
4 th	PHI104: Introduction to Ethics	3	14	
	MAT250: Calculus III	3		MAT130
	PHY108+CL: Physics II	4		MAT130 and PHY107
	ETE111+CL: Analog Electronics I	4		ETE141
5 th	ENG115: Literature	3	13	ENG103
	MAT350: Engineering Mathematics	3		MAT250
	ETE211+IL: Digital Logic Design	3		ETE111
	ETE311+CL: Analog Electronics II	4		ETE111
6 th	HIS101: Bangladesh Culture and Heritage	3	7	
	MAT 361: Probability and Statistics	3		MAT250
	ETE299: Junior Design	1		60 credits completed
7 th	HIS102: Introduction to World Civilization	3	13	
	CHE 101+CL: Chemistry I	4		
	ETE221: Signals and Systems	3		MAT350 and CSE115
	ETE361: Electromagnetic Fields and Waves	3		PHY108 and MAT350
8 th	POL101/POL104: Introduction to Political Science/ Governance	3	9	
	ETE321+IL: Introduction to Communications Sys.	3		ETE221 and MAT361
	ETE331+IL: Data Communications and Networks	3		ETE221
9 th	ECO101/ECO104: Introduction to Microeconomics/Macroeconomics	3	11	
	BIO103+CL: Biology I	4		
	ETE426+CL: Fiber Optics Communication Sys.	4		ETE361 and ETE321
10 th	SOC101/ANT101/ENV203(GEO205): Introduction to Sociology/ Anthropology/ Bangladesh Geography	3	13	
	EEE452: Engineering Economics	3		
	ETE424+CL: Mobile and Wireless Communications System	4		ETE321
	ETE471+IL: Digital Signal Processing	3		ETE221
11 th	ELECT1	3	7.5	
	ELECT2	3		
	ETE499A: Senior Design A	1.5		100 credits completed
12 th	ELECT3	3	7.5	
	OPEN ELECT	3		
	ETE499B: Senior Design B	1.5		ETE499A

Recommended Sequence of Courses for BS-ETE



† after completion of 60 credits

** after completion of 100 credits and all core courses

Total: 130