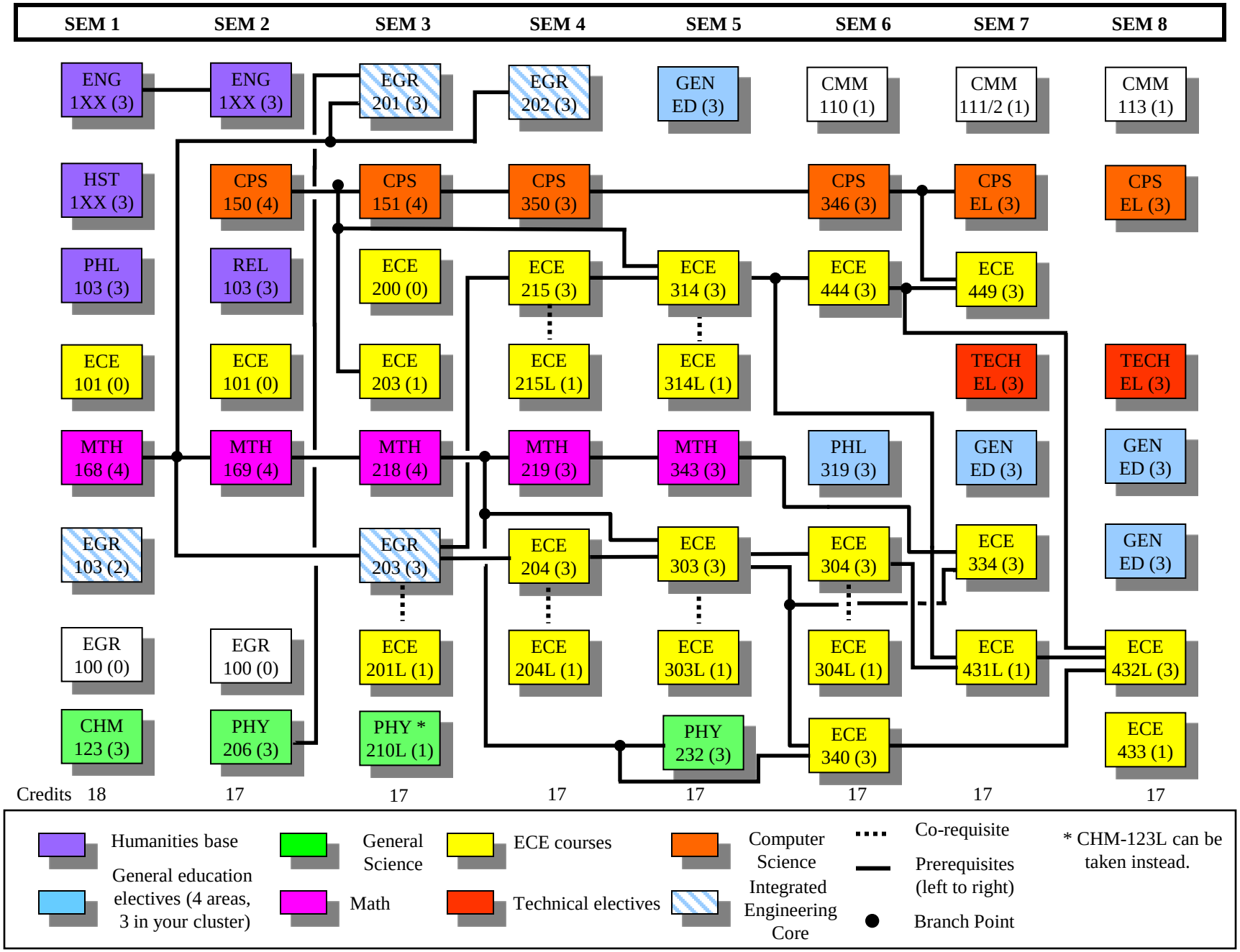
BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

AY2010-11



Computer Engineering Program								CPE: AY 2010-11	Course Title	The Real Plan										
F1	WI	F2	W2	F3	W3	F4	W4			Tr.	Cr.	Wa.	F1	WI	F2	W2	F3	W3	F4	W4
3								PHL 103	Introduction to Philosophy											
3								HST 103/198	The West and the World											
2								EGR 103	Engineering Innovation											
3								CHM 123	General Chemistry I											
0	0							ECE 101	Introduction to Elec. & Comp. Engineering											
0	0							EGR 100	Enrichment Workshop											
3	3							ENG 101-2/114/198	English Composition I, II											
4	4							MTH 168-9	Calculus I, II											
	3							REL 103	Introduction to Religion											
	4							CPS 150	Algorithms and Programming I											
	3							PHY 206	General Physics											
		0						ECE 200	Professional Development Seminar											
		3						EGR 201	Engr Mechanics											
		1						ECE 203	Introduction to Matlab Programming											
		4						CPS 151	Algorithms and Programming II											
		4						MTH 218	Calculus III											
		3						EGR 203	Electrical and Electronic Circuits											
		1						ECE 201L	Circuit Analysis Laboratory											
		1						PHY 210L	General Physics Laboratory I											
			3					EGR 202	Engineering Thermodynamics											
			3					ECE 215	Introduction to Digital Systems											
			1					ECE 215L	Digital Systems Laboratory											
			3					MTH 219	Applied Differential Equations											
			3					ECE 204	Electronic Devices											
			1					ECE 204L	Electronic Devices Lab											
			3					CPS 350	Data Structures											
				3				ECE 314	Fundamentals of Computer Architecture											
				1				ECE 314L	Fundamentals of Computer Architecture Lab											
				3				MTH 343	Engineering Mathematics											
				3				ECE 303	Signals and Systems											
				1				ECE 303L	Signals and Systems Lab											
				3				PHY 232	Wave Phenomena for Engineers											
				3					General Education Elective											
					1			CMM 110	Group Decision Making											
					3			CPS 346	Operating Systems											
					3			ECE 444	Advanced Digital Design											
					3			PHL 319	Information Ethics											
					3			ECE 304	Electronic Systems											
					1			ECE 304L	Electronic Systems Lab											
					3			ECE 340	Engr Prblty & Random Processes											
						1		CMM 111 or 112	Informative/Persuasive Pub. Speaking											
						3			Computer Science Elective											
						3		ECE 449	Computer Systems Engineering											
						3		ECE 334	Discrete Signals and Systems											
						1	3	ECE 431L/ECE 432L	Multidisciplinary Design											
						3	6		General Education Elective											
						3	3		Tech Elective											
							1	ECE 433	Project Management and Innovation											
							1	CMM 113	Interviewing											
							3		Computer Science Elective											
18	**17**	**17**	**17**	**17**	**17**	**17**	**17**	**137 Credit Hours**	**Totals**											