

## Suggested Software Engineering (BS) Curriculum - Fall 2008

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	Fall	Hrs	Spring	Hrs
Freshman Year	ENC1101: English Composition I	3	ENC1102: English Composition II	3
	ECO2013: Macro Economics (Social Science: Socio-Political)	3	ECO2023: Micro Economics (Elective)	3
	MAC1114: Trigonometry	3	MAC2311: Analytic Geometry & Calculus I	4
	General Studies Course	3	General Studies Course	3
	EGN1002: Intro to Engineering (Elective)	1	CGS2060: Excursions in Computing (Lecture Sci)	3
	<i>Total Hours</i>	13	<i>Total Hours</i>	16
Sophomore Year	MAC2312: Analytic Geometry & Calculus II	4	PHY2048/L: University Physics I w/ Lab	4
	SPC2016: Basic Communication Skills (Hum: CVE)	3	AGC2021: Principles of Financial Acct. (Elective)	3
	LIT2100: Intro to Literature	3	CIS3512: Software Documentation	3
	Elective (science lecture)	3	COP2253: Java Programming	3
			General Studies Course	3
	<i>Total Hours</i>	13	<i>Total Hours</i>	16
Junior Year	COT3011/L: Algorithms & Program Design	4	COP3411/L: Data Structures & Algorithms I	4
	CEN3031: Software Engineering I	3	CEN3032: Software Engineering II	3
	PHY2049/L: University Physics II w/ Lab	4	CEN4721: Human-Computer Interaction	3
	COP4710: Database Systems	3	COP4610C: Theory and Fundamentals of OS	3
			MAN3240: Behavior in Organizations	3
	<i>Total Hours</i>	14	<i>Total Hours</i>	16
Senior Year	COP4412/L: Data Structures & Algorithms II	4	CIS4595C: Capstone Systems Project	3
	CNT4007C: Theory and Fundamentals of Networks	3	CIS4385: Cybersecurity and Forensics	3
	CEN4053: Software Engineering Management	3	CDA3101/L: Computer Organization	4
	COP4653: Embedded and Wireless Software Systems	3	COM4110: Business and Professional Communication	3
	Elective	3	Elective	3
	<i>Total Hours</i>	16	<i>Total Hours</i>	16

Updated 7/10/08

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32

120