Course Dependency   Calc I Start   Bachelor of Science in System Engineering							
Semester 1 (Fall)	Semester 2 (Spring)	Semester 3 (Fall)	Semester 4 (Spring)	Semester 5 (Fall)	Semester 6 (Spring)	Semester 7 (Fall)	Semester 8 (Spring)
APMA 1110 Single Var. Calc. II 4	APMA 2120 Multivari. Calc. 4	APMA 2130 Ord. Diff. Eq. 4	APMA 3080 Linear Alg.	SYS 3021 Determ. Decision Models 3	SYS 3034 System Eval 3	STS 4500 STS & Engr Practice (7) 3	STS 4600 Engr., Ethic & Prof. Resp. 3
ENGR 1010 Engineering	CS 111X Intro. to Programming 3 ENGR 1020 Engineering	SYS 2001 SE Concepts 3 CS 2100 Data Structures & Algor. 4	APMA 3100 Probability 3	APMA 3120 Statistics	SYS 3060 Stoc. Decision Models 3		ystems Standing (6) SYS 4054 System Design II 3
Foundations 1 4 CHEM 1410 & 1411 Intro. Chem & Lab 4	Foundations 2 3 PHYS 1425 & 1429 Phys I & Wkshp 4	PHYS 2415 & 2419 Phys II & Wkshp 4	SYS 2202 Data Mgmt.	SYS 3023 Human-Machine Interface 3	SYS 3062 Discrete Event Sim. 4	SYS 4021 Linear Stat. Models 4	Technical Elective (5)
HSS Elective (3)	Science Elective I (1)	HSS Elective (3)	Science Elective II (2) 3 STS 2600 Engineering Ethics 3	SYS 3055 Design Coll. I 1 HSS Elective (3) 3	Application Elective (4) 3 Technical Elective (5) 3	Application Elective (4) Unrestricted Elective 3	Application Elective (4) Unrestricted Elective 3
15	17	18	15	16	16	17	15
129 credits – minimum required for graduation. Additional information on electives on SE website under "Electives." (1) Suitable science elective I courses are shown on SEAS approved list on the web. (2) Science II electives should be chosen from approved 2000, 3000, and 4000 science or mathematics courses. See approved list on the SE website.							

(2) Science II electives should be chosen from approved 2000, 3000, and 4000 science or mathematics courses. See approved list on the SE website.

(3) Nine credits of humanities and social science electives should be selected in a related subject area of humanities and social sciences.

(4) Nine credits of applications electives should be selected in a related applications area of systems engineering. See SE website for details.

(5) Six credits of technical electives. See criteria for technical electives on SE website.

(6) Fourth year Systems standing requires satisfactorily (C- or better) completing SYS 2001 and 2202 and also completing at least 4 of SYS 3021, 3023, 3034, 3060, and 3062.

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Pre-requisite