

Student: _____

Date: _____

Advisor: _____

Course requirements are listed below by semester. For advising and planning purposes, please (i) check (✓) the courses for which you are currently enrolled (or enrolling) and (ii) record your grade for each course previously completed.

✓	<u>First Semester</u>			✓	<u>Second Semester</u>		
___	APMA 1090	Single Var Calculus I	4	___	APMA 1110	Single Var Calculus II	4
___	CHEM 1410	Intro Chem	3	___	PHYS 1425	General Physics I	3
___	CHEM 1411	Intro Chem Lab	1	___	PHYS 1429	General Physics I Wkshp	1
___	ENGR 1010	Eng. Foundations 1	4	___	CS 111X	Intro to Programing	3
___	_____	HSS Elective (3)	3	___	ENGR 1020	Eng. Foundations 2	3
			15	___	_____	Science Elective I (1)	3
							17
✓	<u>Third Semester</u>			✓	<u>Fourth Semester</u>		
___	APMA 2120	Multivariable Calculus	4	___	APMA 2130	Ordinary Diff Eqns	4
___	CS 2100	Data Struct. & Algor.	4	___	APMA 3100	Probability	3
___	SYS 2001	Sys Engr Concepts	3	___	SYS 2202	Data & Information Engr	3
___	PHYS 2415	General Physics II	3	___	STS 2600	Engineering Ethics	3
___	PHYS 2419	General Physics II Wkshp1	3	___	_____	Science Elective II (2)	3
___	_____	HSS Elective (3)	3				16
			18				
✓	<u>Fifth Semester</u>			✓	<u>Sixth Semester</u>		
___	APMA 3080	Linear Algebra	3	___	SYS 3034	System Evaluation	3
___	APMA 3120	Statistics	3	___	SYS 3060	Stochastic Dec Models	3
___	SYS 3021	Determ. Decision Models	3	___	SYS 3062	Discrete Event Simul	4
___	SYS 3023	Human Mach. Interface	3	___	_____	Application Elective (4)	3
___	SYS 3055	SE Design Coll I	1	___	_____	Technical Elective	3
___	_____	HSS Elective (3)	3				16
			16				
✓	<u>Seventh Semester</u>			✓	<u>Eighth Semester</u>		
___	STS 4500	STS & Engr Practice	3	___	STS 4600	Engr Ethics & Prof Resp.	3
___	SYS 4021	Linear Statistical Models	4	___	SYS 4054	Systems Design II	3
___	SYS 4053	Systems Design I	3	___	_____	Technical Elective (5)	3
___	SYS 4055	SE Design Coll II	1	___	_____	Application Elective (4)	3
___	_____	Application Elective (4)	3	___	_____	Unrestricted Elective	3
___	_____	Unrestricted Elective	3				15
			17				

129 credits – minimum required for graduation

- (1) Suitable science elective I courses are shown on SEAS approved list.
- (2) Suitable advanced science electives should be chosen from 2000, 3000, and 4000 level science or mathematics courses approved for science majors. See list on SE website for details.
- (3) Nine credits of humanities and social science electives should be selected in a related subject area of humanities and social sciences. See link to appropriate courses on SE website
- (4) Nine credits of applications electives should be selected in a related applications area of systems engineering. See list on SE website.
- (5) Technical electives – see technical electives policy on SE website.