

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>		
___	APMA 111	Single Var Calculus	4
___	CHEM 151	Intro Chem for Engr	3
___	CHEM 151L	Intro Chem Lab	1
___	ENGR 162	Intro to Engineering	4
___	STS 101	Lang Com & Tech Soc	<u>3</u>
			15

✓	<u>Second Semester</u>		
___	APMA 212	Multivariable Calculus	4
___	PHYS 142E	General Physics I	3
___	PHYS 142W	General Physics I Lab	1
___	CS 101	Intro to Computer Sci	3
___	_____	Science Elective I (1)	3
___	_____	HSS Elective (3)	<u>3</u>
			17

✓	<u>Third Semester</u>		
___	APMA 213	Ordinary Diff Eqns	4
___	CS 201	Software Devel Methods	3
___	SYS 201	Sys Engr Concepts	3
___	PHYS 241E	General Physics II	3
___	PHYS 241L	General Physics II Lab	1
___	_____	HSS Elective (3)	<u>3</u>
			17

✓	<u>Fourth Semester</u>		
___	APMA 308	Linear Algebra	3
___	APMA 310	Probability	3
___	SYS 202	Data & Information Engr	3
___	_____	Science Elective II (2)	3
___	_____	STS 200/300 Elective	<u>3</u>
			15

✓	<u>Fifth Semester</u>		
___	APMA 312	Statistics	3
___	SYS 321	Determ Decision Models	3
___	SYS 323	Human Mach Interface	3
___	SYS 355	SE Design Coll I	1
___	_____	HSS Elective (3)	3
___	_____	Technical Elective (5)	<u>3</u>
			16

✓	<u>Sixth Semester</u>		
___	SYS 334	System Evaluation	3
___	SYS 360	Stochastic Dec Models	3
___	SYS 362	Discrete Event Simul	4
___	_____	Application Elective (4)	3
___	_____	Unrestricted Elective	<u>3</u>
			16

✓	<u>Seventh Semester</u>		
___	STS 401	West Tech & Cult	3
___	SYS 421	Linear Statistical Models	4
___	SYS 453	Systems Design I	3
___	SYS 455	SE Design Coll II	1
___	_____	Application Elective (4)	3
___	_____	Unrestricted Elective	<u>3</u>
			17

✓	<u>Eighth Semester</u>		
___	STS 402	Engr Ethics & Society	3
___	SYS 454	Systems Design II	3
___	_____	Technical Elective (5)	3
___	_____	Application Elective (4)	3
___	_____	Unrestricted Elective	<u>3</u>
			15

128 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 200, 300, and 400 level science or mathematics courses approved for science majors.
- (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 attached list of courses).
- (5) Technical electives should be selected from 200 level and above courses in SEAS other than STS.