

Engineering Science Curriculum Worksheet

The Engineering Science Curriculum Worksheet (By Requirement) 128 total Credits

Student Name: _____

First Minor: _____ Second Minor: _____

Science & Electives	Semester	Credits	Notes/Comments (AP/TRNSF)	Humanities, Social Science	Semester	Credits	Notes/Comments (AP/TRNSF)
Chem 1610		3		HSS 1		3	
Chem 1611		1		HSS 2		3	
Phys 1425		3		HSS 3		3	
Phys 1429		1					
Phys 2415		3		Unrestricted Elective	Semester	Credits	Notes/Comments (AP/TRNSF)
Phys 2419		1		UNRE 1		3	
Math and Science Elective		3		UNRE 2		3	
Science Elective		4	(CHEM 1620/21 or PHYS 2620 required)	UNRE 3		3	

Applied Math	Semester	Credits	Notes/Comments (AP/TRNSF)	STS and Thesis	Semester	Credits	Notes/Comments (AP/TRNSF)
APMA 1110		4		STS 1500		3	
APMA 2120		4		STS 2xxx/3xxx		3	
APMA 2130		4		STS 4500		3	
Adv Math/CS Elective		3		STS 4600		3	

Primary Minor	Semester	Credits	Notes/Comments (AP/TRNSF)	ENGR and CS	Semester	Credits	Notes/Comments (AP/TRNSF)
PM 1		3		ENGR 1624		4	
PM 2		3		CS 111x		3	
PM 3		3					
PM 4		3		Area of Concentration	Semester	Credits	Notes/Comments (AP/TRNSF)
PM 5		3		Area of Concentration 1		3	
PM 6		3		Area of Concentration 2		3	
				Area of Concentration 3		3	

Secondary Minor	Semester	Credits	Notes/Comments (AP/TRNSF)	Advanced Technical Elective 1			
SM 1		3		Advanced Technical Elective 2		3	(must be at 3000 level or above)
SM 2		3					
SM 3		3		Advanced Independent Project	Semester	Credits	Notes/Comments (AP/TRNSF)
SM 4		3		Advanced Project I		3	
SM 5		3		Advanced Project II		3	
SM 6		3					

Student must declare the ES major and their two minors by end of second year.

Signature of advisor: _____ (final approval of student's plan)

Date: _____

revised June 2019