

Engineering Science - Nanomedicine Concentration Worksheet (By Requirement)

129 total credits

BS in ES with BME & MSE minors

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 - MSE 2090		3		UNRE 2		3	
Science Elective - CHEM 1620/21		4		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 - BME	Semester	Credits	Notes/Comments (AP/TRNSF)	ENGR and CS	Semester	Credits	Notes/Comments (AP/TRNSF)
BME 2101		3		ENGR 1624		4	
BME 2102		3		CS 111x		3	
BME 2104		3					
BME 2315		3		Area of Concentration	Semester	Credits	Notes/Comments (AP/TRNSF)
BME 4414		3		Tech Elective 1 - CHEM 2410/2311		4	
BME 3240		3		Tech Elective 2		3	
BME 4xxx		3		Tech Elective 3		3	
BME 4890		3		Tech Elective 4		3	

Secondary Minor - MSE	Semester	Credits	Notes/Comments (AP/TRNSF)	Advanced Project	Semester	Credits	Notes/Comments (AP/TRNSF)
MSE 2090		3		AP 1		3	
MSE 3101		3		AP2		3	
MSE 3670		3					
MSE 3050		3					
MSE 4055		3					

revised June 2019

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

Date: