Academic Year 2019-20 **Bachelor of Science in Materials Science and Engineering Concentration: Engineering Enterprise MSEEUG** 

Student Name and ID Number

Estimated Graduation Date

	Terricines. 5	2- 93 Credits
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Required Courses: 54 credit	ts	
EC 3400	3	
ENG 1101 or	2/4	
ENG 1001 and ENG1100	3/4	
ENG 1102	3	
MEEM 2110	3	
MEEM 2150	3	
MSE 2100	3	
MSE 2110	3	
MSE 3100	4	
MSE 3110	4	
MSE 3120	4	
MSE 3130	4	
MSE 3140	3	
MSE 3150	3	
MSE 3190	2	
MSE 4100	3	
MSE 4110 or CM 4610	3	
MSE 4120	3	
Required Math and Science	: 35 credits	
CH 1150	3	
CH 1151	1	
CH 1160	3	
CH 1161	1	
MA 1160	4	
MA 2160	4	
MA 2320 or 2321	2	
MA 3160	4	
MA 3520 or 3521	2	
PH 1100	1	
PH 1200	1	
PH 2100	3	
PH 2200	3	
PH 2400	3	
Credit Subtot	al	

Major Requirements, Continued			
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*	
Approved Electives: 3 credits			
MSE4240, MSE4292, MSE4310, MSE4320, MSE4330, MSE4410,			
MSE4430, MSE4510, MSE4520, MSE4530, MSE4740, MSE4777			
AF3010, BE4300, CH2410, CH4640, CEE3101, CM3974, CM4620,			
ENT3966, ENT3959, MA3710, MEEM3600, MEEM4170, MEEM4405			
MEEM4610, MEEM4635, MET	MEEM4610, MEEM4635, MET3500, OSM4650, PH4510		
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Concentration Requirements: 12 Credits				
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*		
Enterprise Project Work: 6 credits				
ENT 3950	1			
ENT 3960	1			
ENT 4950	2			
ENT 4960	2			
Enterprise Teaming and Com	muniations	: 3 credits		
ENT 2961 and ENT2962	3			
<b>OR</b> HU 3120	J			
Enterprise Instructional Modu	Enterprise Instructional Modules: 3 credits			
MSE 4131	1			
MSE 4141	1			
ENT Module	1			
Course list: ENT3954, 3956, 3958, 3961, 3962, 3963, 3964, 3966				
3967, 3971, 3972, 3973, 3974, 3975, 3976, 4951, 4954				
Credit Subtotal				

<sup>\*</sup>M-Passed with valid grade, transfer, or Advance Placement credit; Registered in course; Plan to take in future, WVD-Waived course or credit (does not reduce total degree credits required), SUB-Petitioned as substitute course.

General Education Requirements: 24 Credits		
Course Number	Credits	Course Status Code
		M, R, P, WVD, SUB*

Courses used to complete General Education may not be used to complete other degree requirements.

Core: 12 Credits		
UN 1015	3	
UN 1025 or upper level modern language	3	
Critical and Creative Thinking	3	
Social Responsibility and Ethical Reasoning	3	
HASS: 12 Credits		
✓ Students must complete 12 credits of HASS course work		
✓ Six of the 12 credits must be at the 3000- or 4000- level*		
✓ At least three credits each in the following: Communication/Comp,		
Humanities and Fine Arts, and Social & Behavioral Sciences.		
✓ No more than three credits ma	ay come fron	n the Restricted List
Communication/ Composition	minimum 3	
Humanities and Fine Arts	minimum 3	
Social and Behavioral Sciences	minimum 3	
Course from any list above or Restricted List	0-3	

<sup>\*</sup>an upper division language course in place of UN1025 does not meet this requirement.

Co-Curricular Activities: 3 Credits		
Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree.		

Free Electives: 0 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Credit Subtotal		

Advisor Use Only		
Total Credits Required	128	
Total Credits Completed		
Total Credits Needed		

Student Signature Date Departmental Approval Date