Academic Year 2020-21 **Bachelor of Science in Materials Science and Engineering Concentration: Engineering Enterprise MSEEUG**

Student Name and ID Number

Ectimated	Graduation	Dato
Estimated	Graduation	Date

Major Requirements: 89 - 90 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Required Courses: 51 credits		
ENG 1101 or	3/4	
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 3131	3	
MSE 3132	1	
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: 3	5 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 Subtotal		

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	3500, OSM	4650, 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	
OR HU 3120	3	
Enterprise Instructional Modu	ules: 3 cred	lits
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		

^{*}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
	5.555	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	
HAS	S: 12 Cred	dits
✓ Students must complete 12 cm	edits 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 may come from 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	

^{*}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: 2 - 3 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