



Student Name and ID Number

Estimated Graduation Date

Major Requirements: 104 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Required Engineering Courses - 46 credits		
CM 2110	3	
CM 2120	3	
CM 3110	3	
CM 3120	3	
CM 3230	4	
CM 3215	3	
CM 3310	3	
CM 3510	3	
CM 4110	3	
CM 4120	3	
CM 4310	3	
CM 4855	3	
CM 4860	2	
CM 4861 or 4910	1/ (1-3)	
ENG 1101 or ENG 1001 and ENG 1100	3/4	
ENG 1102	3	
Required Math and Science Courses - 42 credits		
CH 1150	3	
CH 1151	1	
CH 1153	1	
CH 1160	3	
CH 1161	1	
CH 2410	3	
CH 2411	1	
CH 3510	3	
CH 3511	2	
MA 1160 or MA 1161	4/5	
MA 2160	4	
MA 2320 or MA 2321 or MA 2330	2/3	
MA 3160	4	
MA 3520 or MA3521 or MA 3530 or MA 3560	2/3	
PH 1100	1	
PH 1200	1	
PH 2100	3	
PH 2200	3	
Credit Subtotal		

Major Requirements: 104 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Technical Elective Courses** - 16 credits		
3-4 credits of Organic Chemistry II or substitute		
CH 2420 or BL 2100 or CM 4740	3/4	
At least 5 credits of Core Engineering Electives from the following list: CM 1000, 2200, 3450, 3825, 3830, 3979, 4125, 4505, 4510, 4650, 4655, 4710, 4740, 4770, 4780, 5100, 5200, 5300, 5400, EE 3010, ENG 2120, ENT 3979, GE 4610, MEEM 2110, MSE 4740. No more than six credits from the following: CM 4000, 4020, 4040, 4060, 4080		
0 or more credits of additional Technical Electives from the following list: BE 2110, 2400, 4300, BL 1010 or 1020 or 1040, BL 2010, 2011, 2020, 2021, 2100, 2200, 2210, 3210, 3310, 3640, 4010, 4020, 4030, 4220, 4380, 4820, 4840, CEE 3502, 3503, 4501, CH 2212, 2420, 2421, 3520, 3521, 4110, 4120, 4140, 4212, 4222, 4310, 4311, 4320, 4412, 4430, 4510, 4610, 4620, 4631, 4710, 4720, CM 1000, 2200, 3450, 3825, 3830, 3979, 4125, 4505, 4510, 4610, 4620, 4631, 4650, 4655, 4710, 4740, 4770, 4780, 5100, 5200, 5300, 5400, CMU 8950U, CS 1111, 1121, 1131, EE 2174, 3010, 3120, 3140, EET 3373, ENG 2120, 4510, 5520, ENT 2950, 2960, 3950, 3960, 3974, 3979, 3980, 4950, 4960, 4961, FW 1035, 3098, GE 2020, 2300, 2310, 2640, 3400, 4360, 4610, MA 2600, 2710, 2720, 3210, 3310, 3450, 3710, 3740, 3924, 4330, 4515, 4525, 4620, 4760, 4770, 4908, MEEM 2110, 2150, 2700, 4170, 4200, 4220, 4240, 4260, 4405, 4635, 4650, 5170, 5240, MSE 2100, 2110, 3100, 3120, 4120, 4310, 4320, 4325, 4430, 4740, OSM 4650, PH 2230, 2300, 2400, UN 2600, 3002, 3003, 3004, 3005. No more than three credits from the following: ENT 3953, 3954, 3958, 3959, 3961, 3962, 3963, 3964, 3966, 3967, 3971, 3982, 3983, 4951, 4954.		
Credit Subtotal		

**Note: Technical elective courses must total to at least 16 credits. Students choosing CM 4910, MA 2330, MA 3530 or MA 3560 may use additional credits as technical electives.

*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*
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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		
<ul style="list-style-type: none"> ✓ 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 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: 0-3 Credits

Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Credit Subtotal		

Advisor Use Only

Total Credits Required	131
Total Credits Completed	
Total Credits Needed	

Student Signature

Date

Departmental Approval

Date