



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 - 45 credits		
CM 2110	3	
CM 2120	3	
CM 3110	3	
CM 3120	3	
CM 3230	4	
CM 3215	2	
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	
Required Communications Course - 3 credits		
CM 3410	3	
Credit Subtotal		

Major Requirements: 104 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Technical Elective Courses** - 14 credits		
3-4 credits of Organic Chemistry II or substitute		
CH 2420 or BL 2100 or CM 4740	3/4	
5-8 credits of Core Engineering Electives from the following list: CM 1000, 2200, 3450, 3825, 3830, 3974, 3979, 4125, 4505, 4650, 4655, 4710, 4740, 4770, 4780, 5100, 5200, 5300, 5400, EE 3010, ENG 2120, ENT 3974, 3979, GE 4610, MEEM 2110, MY 4740. No more than six credits from the following: CM 4000, 4020, 4040, 4060, 4080		
2-6 credits of additional Technical Electives from the following list: BE 2110, 2400, 4300, BL 1010, 1040, 2010, 2011, 2020, 2021, 2100, 2200, 2210, 3210, 3310, 3640, 4010, 4020, 4030, 4220, 4380, 4820, 4840, 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, 3974, 3979, 4125, 4505, 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, CEE 3502, 3503, 4501, 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, MY 2100, 2110, 3100, 3200, 4130, 4155, 4164, 4165, 4600, 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, 3976, 3982, 3983, 4951, 4954.		
Credit Subtotal		

**Note: Technical elective courses must total to at least 14 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

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	

- ✓ Each course can satisfy only one requirement
- ✓ No more than three credits may come from the Restricted List
- ✓ Six credits of HASS must be at the 3000- or 4000- level (an upper level language course in place of UN1025 does not meet this)

Humanities, Fine Arts/Social & Behavioral Sciences (HASS): 12 credits		
Communication/Composition	3	
Humanities and Fine Arts	3	
Social and Behavioral Sciences	3	
Course from any list above or Restricted List	3	

Co-Curricular Activities		
Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree.		
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Student Signature _____ Date _____

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	

Departmental Approval _____ Date _____