Michigan Technological University
Registrar's Office
1885

Academic Year 2021-22
Bachelor of Science in Mechanical Engineering
Concentration: Engineering Enterprise
EMEEUG

Student Name and ID Number

Estimated Graduation Date

Major Requirements: 94 Credits

Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
CH 1150	3	
CH 1151	1	
EC 3400	3	
EE 3010	3	
ENG 1101 **or** ENG 1001 **and** ENG 1100	3/4	
ENG 1102	3	
MA 1121/1160/1161	4/5	
MA 2160	4	
MA 2320/2321/2330	2/3	
MA 3160	4	
MA 3520/3521/3530	2/3	
MA 3710/2710/2720	3/4	
MEEM 2110	3	
MEEM 2150	3	
MEEM 2201	3	
MEEM 2700	3	
MEEM 2901	2	
MEEM 2911	3	
MEEM 3201	4	
MEEM 3400	3	
MEEM 3600	3	
MEEM 3750	4	
MEEM 3901	2	
MEEM 3911	3	
MSE 2100	3	
PH 1100/PH 1141	1	
PH 1200	1	
PH 2100	3	
PH 2200	3	
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.

Major Requirements: 94 Credits

Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
12 credits of Technical Electives		
Select a minimum of 6 credits from the following:		
Any 4000-level or 5000-level MEEM, non-research course except MEEM4990, MEEM4901, MEEM4911, MEEM4999, MEEM 5010, MEEM5990, and MEEM5994.		
Select remaining credits from the following:		
OSM4300 or any 4000-level or 5000-level non-research course in the College of Engineering except BE4000, BE4900, BE4901, BE4910, BE4930, CEE4510, CEE4900, CEE4905, CEE4910, CEE4915, CEE4916, CEE4920, CEE4930, CEE4990, CM4000, CM4020, CM4040, CM4060, CM4080, CM4900, CM4910, CM4990, EE4000, EE4870, EE4901, EE4910, EE4800, EE4805, ENG4060, ENG4070, ENG4900, ENG4905 ENG4910, ENG4990, GE4000, GE4900, GE4910, GE4930, GE4931, GE4933, GE4934, GE4961, GE4962, GE4970, MEEM4990, MEEM4901, MEEM4911, MEEM4999, MEEM5990, MEEM5994, MSE4130, MSE4131, MSE4140, MSE4141, MSE4970, MSE4990, and MSE5970 and all MET (MMT Department) courses.		

Concentration Requirements: 9 Credits

Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Enterprise Project Work: 6 credits		
(Project work must be completed on the same ENT team)		
ENT 3950	1	
ENT 3960	1	
ENT 4950	2	
ENT 4960	2	
Enterprise Instructional Modules: 3 credits		
CEE3490, ENT2950, ENT2960, ENT2961, ENT2962, ENT3953, ENT3954, ENT3956, ENT3958, ENT3959, ENT3961, ENT3963, ENT3964, ENT3966, ENT3967, ENT3971, ENT3979, ENT3980, ENT3982, ENT3983, ENT3984, ENT3985, ENT4951, ENT4954, ENT4955, ENT4961, UN3002 (1 cr. maximum), UN3003 (1 cr. maximum)		
Credit Subtotal		

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 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.

Free Electives: 1 Credit		
Course Number	**Credits**	**Course Status Code M, R, P, WVD, SUB***
Credit Subtotal		

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

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

_____   _____
Student Signature   Date

_____   _____
Departmental Approval   Date