Michigan Technological University
Registrar's Office
1885

Academic Year 2020-21
Bachelor of Science in Biomedical Engineering
Concentration: Engineering Enterprise
EBEEUG

Student Name and ID Number

Estimated Graduation Date

Major Requirements: 91 - 93 Credits

Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Engineering Courses: 42 credits		
BE 2110	3	
BE 2400	3	
BE 2700	3	
BE 2800	3	
BE 3300	3	
BE 3350	3	
BE 3400	2	
BE 3700	3	
BE 3701	1	
BE 3800	3	
BE 4900	2	
EE 3010	3	
ENG 1101 **or** ENG 1001 **and** ENG 1100	3/4	
ENG 1102	3	
BE 3550 **or** MEEM 2201 **and** MEEM 3201*	4/7	

*Reduce technical electives by 3 credits if MEEM2201 and MEEM3201 are completed

Major Requirements, continued

Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Required Math and Science: 40 credits		
BL 2010	3	
BL 2011	1	
BL 2020	3	
BL 2021	1	
CH 1150	3	
CH 1151	1	
CH 1160	3	
CH 1161	1	
MA 1160 **or** MA 1161	4/5	
MA 2160	4	
MA 2320 **or** MA 2321	2	
MA 3160	4	
MA 3520 **or** MA 3521	2	
PH 1100	1	
PH 1200	1	
PH 2100	3	
PH 2200	3	
Approved Technical Electives: 9 Credits		

Concentration Requirements: 10 Credits

Enterprise Project Work: 6 Credits		
ENT 3950	1	
ENT 3960	1	
ENT 4950	2	
ENT 4960	2	
Enterprise Instructional Modules: Select 4 Credits		
ENT2950, ENT2960, ENT2961, ENT2962, ENT3954, ENT3956, ENT3958, ENT3961, ENT3963, ENT3964, ENT3966, ENT3967, ENT3971, ENT4951, ENT4954, ENT4961		
Credit Subtotal		

Free Electives: 1 - 3 Credits

Credit Subtotal		

***M**-Passed with valid grade, transfer, or Advance Placement credit; **R**egistered in course; **P**lan 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 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 Ccredits		
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