Michigan Technological University Bachelor of Science Degree Audit
Major Program: Mechanical Engineering, Concentration: Engineering Enterprise
Program Code: EMEE, Academic Year 2022-2023
Total credits required for the degree: 128

Major Requirements: 82 credits

- CH 1150 (3)
- CH 1151 (1)
- EC 3400 (3)
- EE 3010 (3)
- ENG 1101 (3)
  - or ENG 1001 (2) and ENG 1100 (2)
- ENG 1102 (3)
- MA 1121 (4) or MA 1160 (4) or MA 1161 (5)
- MA 2160 (4)
- MA 2320 (2) or MA 2321 (2) or MA 2330 (3)
- MA 3160 (4)
- MA 3520 (2) or MA 3521 (2) or MA 3530 (3)
- MA 3710 (3) or MA 2710 (3) or MA 2720 (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 (1) or PH 1141 (1)
- PH 1200 (1)
- PH 2100 (3)
- PH 2200 (3)

Concentration Requirements: 9 credits

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 Instruction Modules: 3 credits
CEE3490, ENT2950, ENT2960, ENT2961, ENT2962, ENT3953, ENT3954, ENT3956, ENT3958, ENT3959, ENT3961, ENT3963, ENT3964, ENT3965, ENT3966, ENT3967, ENT3971, ENT3979, ENT3980, ENT3981, ENT3982, ENT3983, ENT3984, ENT3985, ENT4951, ENT4954, ENT4955, ENT4961, UN3002 (1 cr. maximum), UN3003 (1 cr. maximum)

Technical Electives: 12 credits

Select a minimum of 6 credits from the following:
Any 4000-level or 5000-level MEEM, non-research course except MEEM4990, MEEM 4901, MEEM4911, MEEM 4999, MEEM5010, MEEM5990, MEEM5994, MEEM5995, MEEM5999

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, BE5000, BE5900, BE5930, CEE4510, CEE4900, CEE4905, CEE4910, CEE4915, CEE4916, CEE4920, CEE4930, CEE4990, CEE5190, CEE5250, CEE5390, CEE5490, CEE5560, CEE5561, CEE5562, CEE5563, CEE5590, CEE5690, CEE5890, CEE5920, CEE5930, CEE5990, CEE5991, CEE5992, CEE5994, CEE5997, CEE5998, CEE5999, CM4000, CM4020, CM4040, CM4060, CM4080, CM4855, CM4860, CM4861, CM4900, CM4910, CM4990, CM5900, CM5950, CM5990, EE4000, EE4800, EE4805, EE4870, EE4901, EE4910, EE5290, EE5805, EE5900, EE5990, EE5991, EE5992, EE5994, ENG4060, ENG4070, ENG4900, ENG4905 ENG4910, ENG4990, ENG5060, ENG5100, ENG5200, ENG5300, ENG5400, ENG5990, ENG5998, GE4000, GE4900, GE4910, GE4916, GE4930, GE4931, GE4933, GE4934, GE4961, GE4962, GE4970, GE5187, GE5930, GE5940, GE5950, GE5960, GE5970, GE5994, GE5995, GE5998, MEEM4990, MEEM4901, MEEM4911, MEEM4999, MEEM5010, MEEM5990, MEEM5994, MEEM5995, MEEM5999, MSE4130, MSE4131, MSE4140, MSE4141, MSE4970, MSE4990, MSE5100, MSE5900, MSE5970, MSE5990 and all MET (MMET Department) courses.

Free Electives: 1 credit

Any coursework is allowable, excluding co-curricular and coursework below the 1000- level.

General Education Core, Humanities, Fine Arts, and Social Science (HASS) Requirements: 24 credits

Courses used to complete Core and HASS requirements may not be used to complete other degree requirements. Students must complete 12 credits of Core coursework and 12 credits of Humanities, Fine Arts, and Social Science (HASS) coursework. Repeatable courses may not be repeated for general education credit. Core and HASS courses can be found on the General Education page.

Core: 12 credits

- UN 1015 (3)
- UN 1025 or an upper level modern language (3)
- Critical and Creative Thinking (3)
- Social Responsibility and Ethical Reasoning (3)

HASS: 12 credits, six of the 12 credits must be at the 3000- or 4000- level

- Communication/Composition (minimum 3 credits)
- Humanities and Fine Arts (minimum 3 credits)
- Social and Behavioral Sciences (minimum 3 credits)
- Any course from the General Education Core, HASS, or Restricted HASS course list (0 to 3 credits)

Co-curricular Activities: 3 credits

Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree. Only courses on the co-curricular course list are eligible. Half (0.5) credit courses may be repeated to a maximum of one time for co-curricular credit. Find eligible courses on the General Education page.