

ALTERNATIVE ENERGY TECHNOLOGY (M.S.)

An admissions moratorium is currently in effect for this program.

The Master of Science program is open to students with a bachelor's degree in engineering, and in other mathematics-based sciences in exceptional cases. Admission to this program is contingent upon admission to the Graduate School (<http://bulletins.wayne.edu/graduate/general-information/admission/>). Grade Point Average for regular admission to M.S. Degree Program is 3.0 or above. Qualified admission is possible for applicants with a grade point average of 2.5 - 3.0 if the applicant has significant professional experience. No other specific admission requirements are needed, however, letters of recommendation, statement of objectives, and Graduate Record Examination (GRE) scores are encouraged to aid the admission evaluation process.

The Master of Science in Alternative Energy Technology is offered under the following plan.

Thirty credits of course work in an approved AET Plan of Work with the following 15 credits being required:

Code	Title	Credits
AET 5110	Fundamental Fuel Cell Systems	4
AET 5120	Fundamentals of Alternative Energy Technology	3
AET 5310	Fundamentals of Battery Systems for Electric and Hybrid Vehicles	4
ET 7430	Methods of Engineering Analysis	4

The remaining 15 credit hours can be taken from the following courses:

Code	Title	Credits
AET 5800	Charging Infrastructures for Electric Vehicles	3
AET 5810	Advanced Drive Systems for Electrified Vehicles	3
AET 7990	Directed Study	1-4
AET 7991	Internship in Industry	1-4
ET 5600	Python: Industrial Applications	3
ET 5870	Engineering Project Management	3
ET 5995	Special Topics in Engineering Technology I (Advanced Drive Systems for Electric Vehicles)	1-4
ET 5995	Special Topics in Engineering Technology I (Machine Vision - Industrial Applications)	1-4

All course work must be completed in accordance with the regulations of the Graduate School (<http://bulletins.wayne.edu/graduate/general-information/academic-regulations/>) and the College of Engineering (<http://bulletins.wayne.edu/graduate/college-engineering/academic-regulations/>).