

## M E Tech Electives by Subject Area

General Industry Preparation	M E 412, M E 425, M E 475, M E 484, I E 305, CON E 380, TSM 310, TSM 370
Agriculture	M E 413, A B E 316, A B E 342, AGEDS 388, ENV S/AGRON 450, FS HN 351, TSM 335, TSM 443
Biomedical	B M E 220, B M E 341, B M E 352, B M E/E E 450, B M E/MAT E 456, KIN 355, I E 447, I E 571 B M E Minor professional electives: <a href="https://www.engineering.iastate.edu/bioengineering/professional-electives/">https://www.engineering.iastate.edu/bioengineering/professional-electives/</a>
CAD/Design	M E 416, M E 417, M E 419, M E 425, M E 475, M E 486, ARCH 334, ARCH 335, IND D 332, IND D 532, IND D 631, I E 445X, I E/AER E 468, I E 544X
Construction	C E 332, C E 333, C E 334, CON E 352, CON E 353, E M 425
Consulting	M E 412, M E 486, CON E 380, I E 305, I E 405, TSM 371
Controls	M E 410, M E 411, M E 413, M E 511
Energy	M E 413, M E 433, M E 437, M E 444, M E 448, M E 449, ECON/ENV S 380, ENV S 324, E E 314, E E 351, AER E 381, A B E/TSM 325, BRT 501 Energy systems minor electives: <a href="http://catalog.iastate.edu/collegeofengineering/energy-systems-minor/">http://catalog.iastate.edu/collegeofengineering/energy-systems-minor/</a> Wind energy minor electives: <a href="http://catalog.iastate.edu/interdisciplinaryprograms/minor/windenergy/">http://catalog.iastate.edu/interdisciplinaryprograms/minor/windenergy/</a>
Engineering Business, Marketing, and Sales	M E 412, FIN 301, I E 305, I E 405, I E 450, I E 451, MGMT 370, MKT 340, MKT 450, MIS 301, MIS 330, SCM 301
Environmental	M E 433, M E 444, M E 479, AER E 381, A B E/TSM 325, A B E/C E/E E 388, A B E/C E/ENSCI 424, BRT 501, C E 326, ENV S 324, ENV S/AGRON 450
Entrepreneurship/Product Development	MGMT 310 (credit only if 313 also taken), MGMT 313, I E/ENGR 430X, I E/ENGR 434X
Evaluation and Optimization	C E 449, E M 327, E M/MAT E 362(L), E M/AER E 417, E M 425, E M/AER E 480, I E 312, I E 413, I E 483, I E 487, TSM 310 Nondestructive evaluation engineering minor electives: <a href="http://catalog.iastate.edu/collegeofengineering/non_destructiveevaluationengineering/">http://catalog.iastate.edu/collegeofengineering/non_destructiveevaluationengineering/</a>
Government	M E 412, M E 484, M E 486, CON E 380
Heating, Ventilation, Cooling, and Refrigeration	M E 437, M E 441, M E 442, CON E 354
Heavy Equipment, Machinery	M E 413, M E 448, M E 449, A B E 342, AGEDS 388, TSM 335
Law	M E 412, CON E 380
Manufacturing	M E 418, M E 520, M E 521, M E 527, M E 528, E M/MAT E 362(L), I E 341, I E 348, I E 361, I E 442X, I E 445X, I E 446, I E 448, I E 544X
Mechatronics and Robotics	M E 410, M E 411, M E 418, M E 456, M E 511, TSM 465

Transportation	M E 417, M E 427, M E 449, A B E 342, C E 355, E M/MAT E 362(L), E M/AER E 417, E M 425, E M/AER E 480, TSM 335
US Diversity	ECON 321, ECON 378, MGMT 472
International Perspective	M E 484, A B E/C E/E E 388, AFAS 442, ARCH 322, ECON 320, ECON/GLOBE 335, ECON 355, ECON/GLOBE 385, ECON 387, E E 351, ENV S 342, ENV S 345, ENV S 384, MGMT 367

Additional pre-reqs needed beyond standard M E curriculum

Experimental courses

Courses with restrictions excluding M E students

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