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| 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, FS HN 351, TSM 335, TSM 443 |
| Biomedical | B M E 220, B M E 341, 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: <https://www.engineering.iastate.edu/bioengineering/professional-electives/> |
| CAD/Design | M E 416, M E 417, M E 419, M E 425, M E 475, ARCH 335, I E 445,  IND D 320, IND D 330, IND D 350, IND D 435 Other IND D Courses?? |
| Construction | C E 332, C E 333, C E 334, CON E 352, CON E 353 |
| Consulting | M E 412, CON E 380, I E 305, I E 405, TSM 371 |
| Controls | M E 411, M E 413, M E 511 |
| Data and Computer Science | M E 280X, CPR E 287X, Aer E 3YY??, D S 301, D S 303, D S 401,  Any 300-level or higher COM S course  Any 300-level or higher CPR E course (except 370, 394, 466)  Cyber-Physical Systems minor electives (300-level or higher): <https://www.engineering.iastate.edu/engineering-minors/cps-minor/> |
| 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, A B E/TSM 325, BRT 501  Energy systems minor electives: <http://catalog.iastate.edu/collegeofengineering/energy-systems-minor/>  Wind energy minor electives: <http://catalog.iastate.edu/interdisciplinaryprograms/minor/windenergy/> |
| 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, SCM 301 |
| Environmental | M E 433, M E 444, A B E/TSM 325, A B E/C E/E E 388, BRT 501, C E 326,  ENV S 324, |
| Entrepreneurship and Product Development | MGMT/ENTSP 310 (credit only if ENTSP 313 or MGMT/ENTSP 320 also taken), ENTSP 313, MGMT/ENTSP 320, I E/ENGR 430, 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: <http://catalog.iastate.edu/collegeofengineering/non_destructiveevaluationengineering/> |
| Government | M E 412, M E 484, CON E 380 |
| Heating, Ventilation, Cooling, and Refrigeration | M E 437, M E 441, M E 442, CON E 352, 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 521, M E 528, E M/MAT E 362(L), I E 341, I E 348, I E 361,  I E 445, I E 448, I E 544 |
| Mechatronics and Robotics | 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/AER E 480, TSM 335 |
| US Diversity | ECON 321, MGMT 472 |
| International Perspective | M E 484, A B E/C E/E E 388, AFAS 442, ARCH 322, ECON 320, ECON 355, ECON/GLOBE 385, E E 351, ENV S 342, ENV S 345, ENV S 384, MGMT 367 |