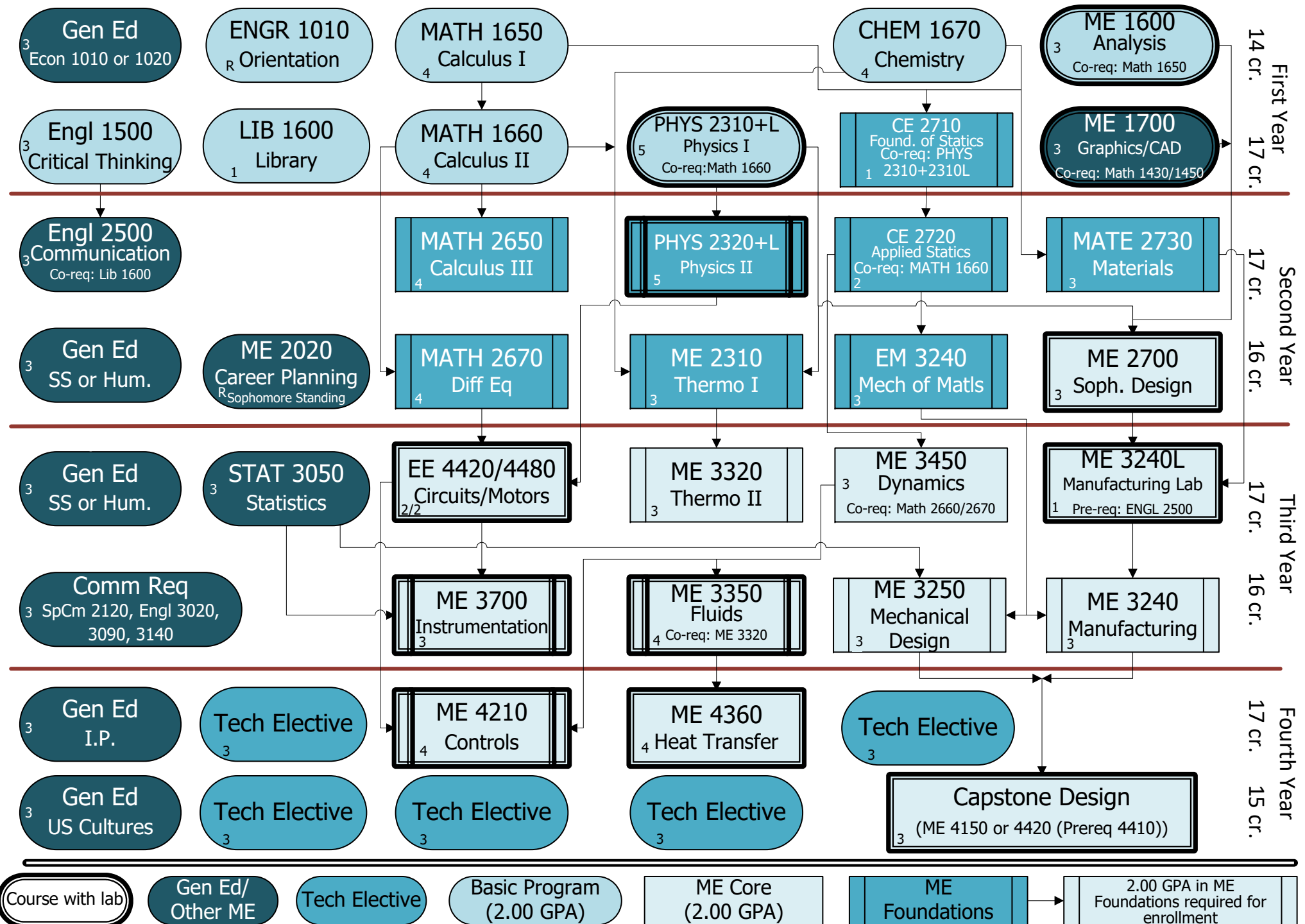


ISU Mechanical Engineering

129 credits



Mechanical Engineering B.S. – Iowa State University

Academic Advising Website: www.me.iastate.edu/advising/

- **Degree Planning:** www.me.iastate.edu/degree-planning/
 - Flowcharts
 - Basic Program and Foundations Requirements
 - ME-Approved General Education Courses
 - ME-Approved Tech Elective Courses

Transfer Credit Resources:

- Advanced Placement (AP): www.admissions.iastate.edu/cbe
 - AP exam scores required for credit
- Course Equivalency Guides (IA, IL, MN, and KS):
 - www.admissions.iastate.edu/equiv
- TRANSIT: transit.iastate.edu/
- Grade of “C” or higher needed for all transfer credit

Sending Transcripts?:

- Digital/PDF: Send directly to etranscript@iastate.edu
- Physical Copies: 100 Enrollment Services Center
2433 Union Drive
Ames IA 50011-2011

General Education Courses (15 total credits):

- ☐ ECON 1010 or ECON 1020 (3 credits)
- ☐ 3 credits of social sciences coursework
- ☐ 6 credits of humanities coursework
- ☐ 3 credits of either social sciences or humanities coursework

Additional Requirements (often met in above classes):

- ☐ 3 credits of U.S. Cultures and Communities coursework
- ☐ 3 credits of International Perspectives coursework

Minimum Grades:

- ENGL 1500, 2500, & Communications Requirement: “C” or higher
- MATH 1650 & 1660: “C-” or higher

Have Questions? Contact Us!

- isume@iastate.edu
- 515-294-4932

ME Course Prerequisites/Corequisites:

See Catalog for complete list: catalog.iastate.edu/azcourses/

ME 1600: Coreq: MATH 1650, MATH 1660, MATH 2650, or MATH 2670

ME 1700: Coreq: MATH 1430, MATH 1450, MATH 1650, or ALEKS

ME 2020: Sophomore standing

ME 2310: CHEM 1670; MATH 1660; PHYS 2310; PHYS 2310L

ME 2700: ME 1600 (or equivalent); ME 1700; PHYS 2310; PHYS 2310L

ME 3240: ME 2700; EM 3240; MATE 2730; ME 3240L

ME 3240L: ENGL 2500; MATE 2730; ME 2700

ME 3250: EM 3240; ME 1700; STAT 3050

ME 3320: ME 2310

ME 3350: MATH 2650; MATH 2660 or 2670; ME 3450; Co-reg: ME 3320

ME 3450: CE 2720; Co-reg: MATH 2660 or 2670

ME 3700: EE 4420; STAT 3050

ME 4150: ME 3240; ME 3250

ME 4210: EE 4420; EE 4480; ME 3450; MATH 2670

ME 4360: ME 3350

Non-ME Course Prerequisites/Corequisites:

CHEM 1670: MATH 1400; CHEM 0500 or 1 year of high school chemistry

CE 2710: MATH 1650; Coreq: PHYS 2310 and PHYS 2310L

CE 2720: CE 2710; PHYS 2310; PHYS 2310L; Coreq: MATH 1660

EM 3240: CE 2720

STAT 3050: MATH 1650

EE 4420: MATH 2670; PHYS 2320; PHYS 2320L

EE 4480: Coreq: EE 4420

Course Categories:

The Basic Program and ME Foundations courses have additional restrictions. Check our website for more information:

www.me.iastate.edu/undergraduate-programs/advising/degree-planning/

- **Basic Program Classes:** ENGR 1010, MATH 1650, MATH 1660, CHEM 1670, PHYS 2310, PHYS 2310L, ME 1600, ENGL 1500, and LIB 1600
- **ME Foundations Classes:** MATH 2650, MATH 2670, PHYS 2320, PHYS 2320L, MATE 2730, CE 2710, CE 2720, ME 2310, and EM 3240
 - Course registration for these courses may be impacted based on ME Foundations rules and compliance: ME 3320, ME 3700, ME 3350, ME 3250, ME 3240, ME 4210, ME 4360, and ME 4150