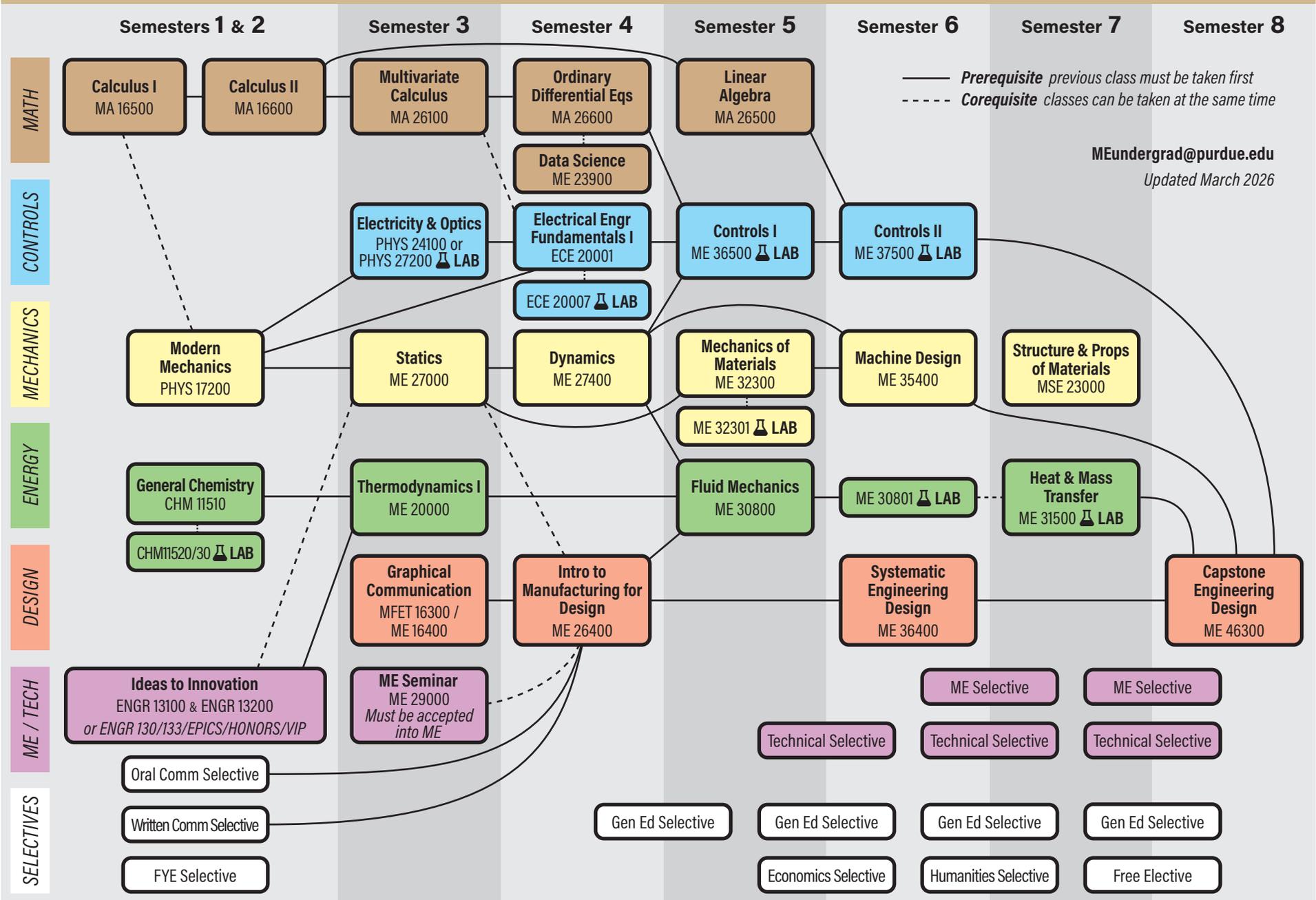


UNDERGRADUATE PROGRAM MAP



MATH

CONTROLS

MECHANICS

ENERGY

DESIGN

ME / TECH

SELECTIVES

Semesters 1 & 2

Semester 3

Semester 4

Semester 5

Semester 6

Semester 7

Semester 8

Calculus I
MA 16500

Calculus II
MA 16600

Multivariate Calculus
MA 26100

Ordinary Differential Eqs
MA 26600

Linear Algebra
MA 26500

Data Science
ME 23900

Electricity & Optics
PHYS 24100 or
PHYS 27200 LAB

Electrical Engr Fundamentals I
ECE 20001

Controls I
ME 36500 LAB

Controls II
ME 37500 LAB

ECE 20007 LAB

Modern Mechanics
PHYS 17200

Statics
ME 27000

Dynamics
ME 27400

Mechanics of Materials
ME 32300

Machine Design
ME 35400

Structure & Props of Materials
MSE 23000

ME 32301 LAB

General Chemistry
CHM 11510
CHM11520/30 LAB

Thermodynamics I
ME 20000

Fluid Mechanics
ME 30800

ME 30801 LAB

Heat & Mass Transfer
ME 31500 LAB

Graphical Communication
MFET 16300 /
ME 16400

Intro to Manufacturing for Design
ME 26400

Systematic Engineering Design
ME 36400

Capstone Engineering Design
ME 46300

Ideas to Innovation
ENGR 13100 & ENGR 13200
or ENGR 130/133/EPICS/HONORS/VIP

ME Seminar
ME 29000
Must be accepted into ME

ME Selective

ME Selective

Technical Selective

Technical Selective

Technical Selective

Oral Comm Selective

Written Comm Selective

Gen Ed Selective

Gen Ed Selective

Gen Ed Selective

Gen Ed Selective

FYE Selective

Economics Selective

Humanities Selective

Free Elective