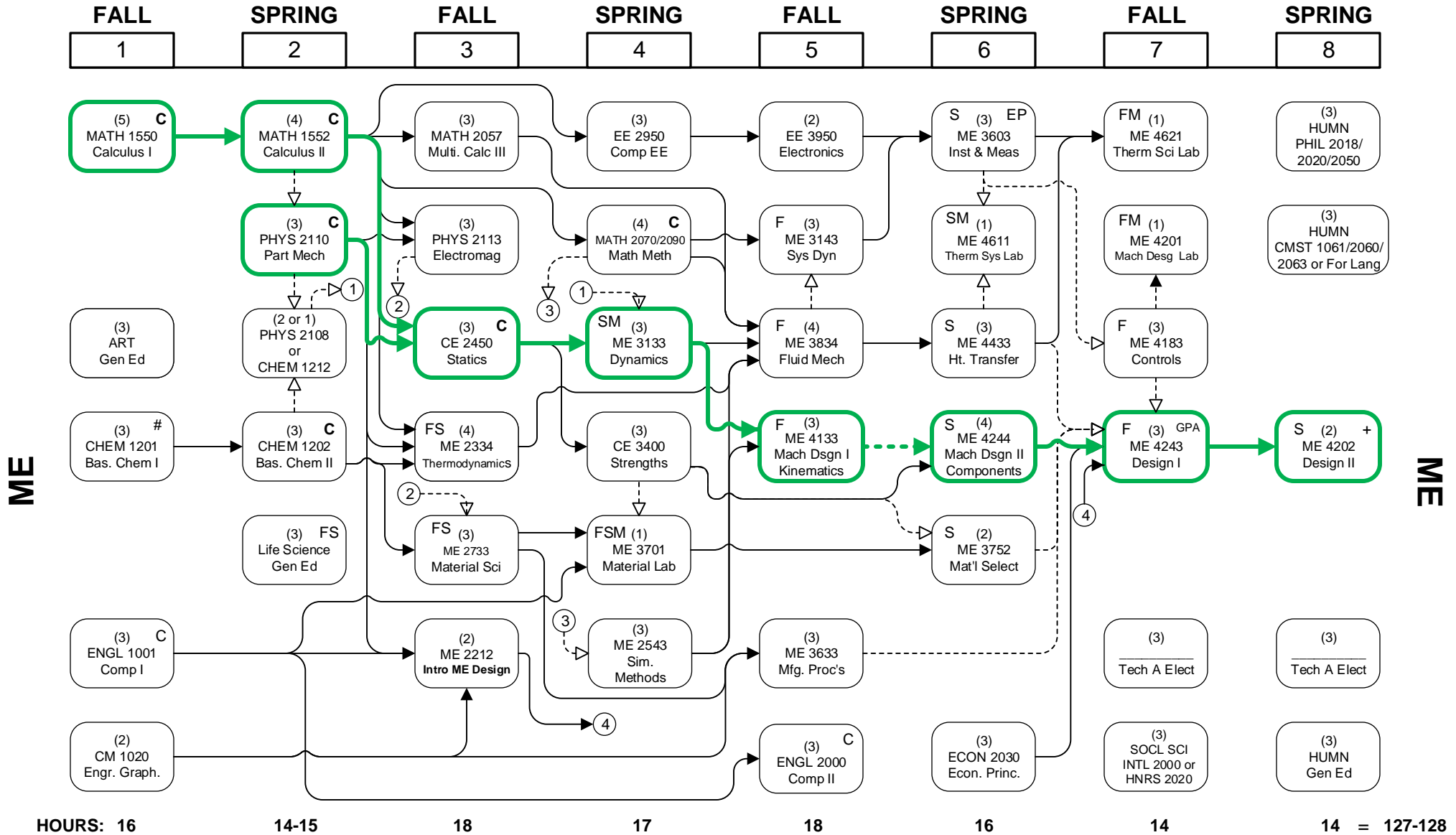


MECHANICAL ENGINEERING



HOURS: 16 14-15 18 17 18 16 14 14 = 127-128

This flowchart represents an eight semester path to graduation. **If working during the academic year, expect to spend more than four years to graduate.**

FLOWCHART LEGEND	
	Credit required
	Credit or registration required
	Connected Pre/Co-Requisite
	Requirements A & B are unrelated
C	Grade of "C" or better required
EP	English Proficiency - "C" or better ENGL 1001/2000
FSM	Semester(s) offered: F-Fall, S-Spring, M-Summer
GPA	2.0 LSU & ME GPA required
	Critical path to 4 year graduation
+	Credit must be earned in ME 4433, 4183, 3752, and ME 3633.
#	Credit or registration in MATH 1022, 1023 or 1550

APPROVED TECHNICAL ELECTIVES FOR BS in MECHANICAL ENGINEERING
(Alternate semester/periodically scheduled depending on faculty availability and student demand)

PETITIONS TO DEVIATE FROM THESE REQUIREMENTS MUST BE SUBMITTED THROUGH THE ME UNDERGRADUATE COORDINATOR FOR CONSIDERATION BY THE ME FACULTY.

TECH A (MINIMUM OF 6 CREDIT HOURS REQUIRED)

THERMAL/FLUID SYSTEMS

ME 4443 • Combustion	ME 4813 • Interd. Fluids: Physical Concepts
ME 4633 • Internal Combustion Engines	ME 4823 • Interd. Fluids: Comp. Methods
ME 4643 • Thermal Environmental Engr.	ME 4843 • Gas Dynamics
ME 4663 • Renew. & Nuclear Pwr Plt Engr.	ME 4853 • Turbomachinery
	ME 4863 • Fluid Power Systems

MECHANICAL SYSTEMS

ME 4143 • Mechanical Vibrations ***	ME 4273 • Stress Analysis in ME
ME 4193 • Vehicle Dynamics	ME 4293 • Microsys Fab & Design
ME 4213 • Welding Engineering I	ME 4673 • Intro to Modern Control Theory
ME 4223 • Welding Engineering II	ME 4683 • Sensors & Actuators

MATERIALS ENGINEERING

ME 4723 • Advanced Materials Analysis	ME 4763 • Fundamentals of Corrosion
ME 4733 • Deformation & Fracture	ME 4783 • Composite Materials: Mfg, Prop & Design
ME 4743 • Kinetics in Materials Processes	

AEROSPACE & NUCLEAR ENGINEERING

ME 4913 • Aerodynamics	ME 4953 • Nuclear Reactor Engr. Design
ME 4923 • Jet & Rocket Propulsion	ME 4963 • Nuclear Reactor Systems Engr.
	ME 4973 • Space Systems

SPECIAL TOPICS

ME 4903 • Spec Proj for Undergraduates	ME 4943 • Special Problems in Aero. Engr.
ME 4933 • Special Problems in Mech. Engr.	

*** Students must have taken ME 3143 Sys Dynamics to use ME 4143 as Tech Elective