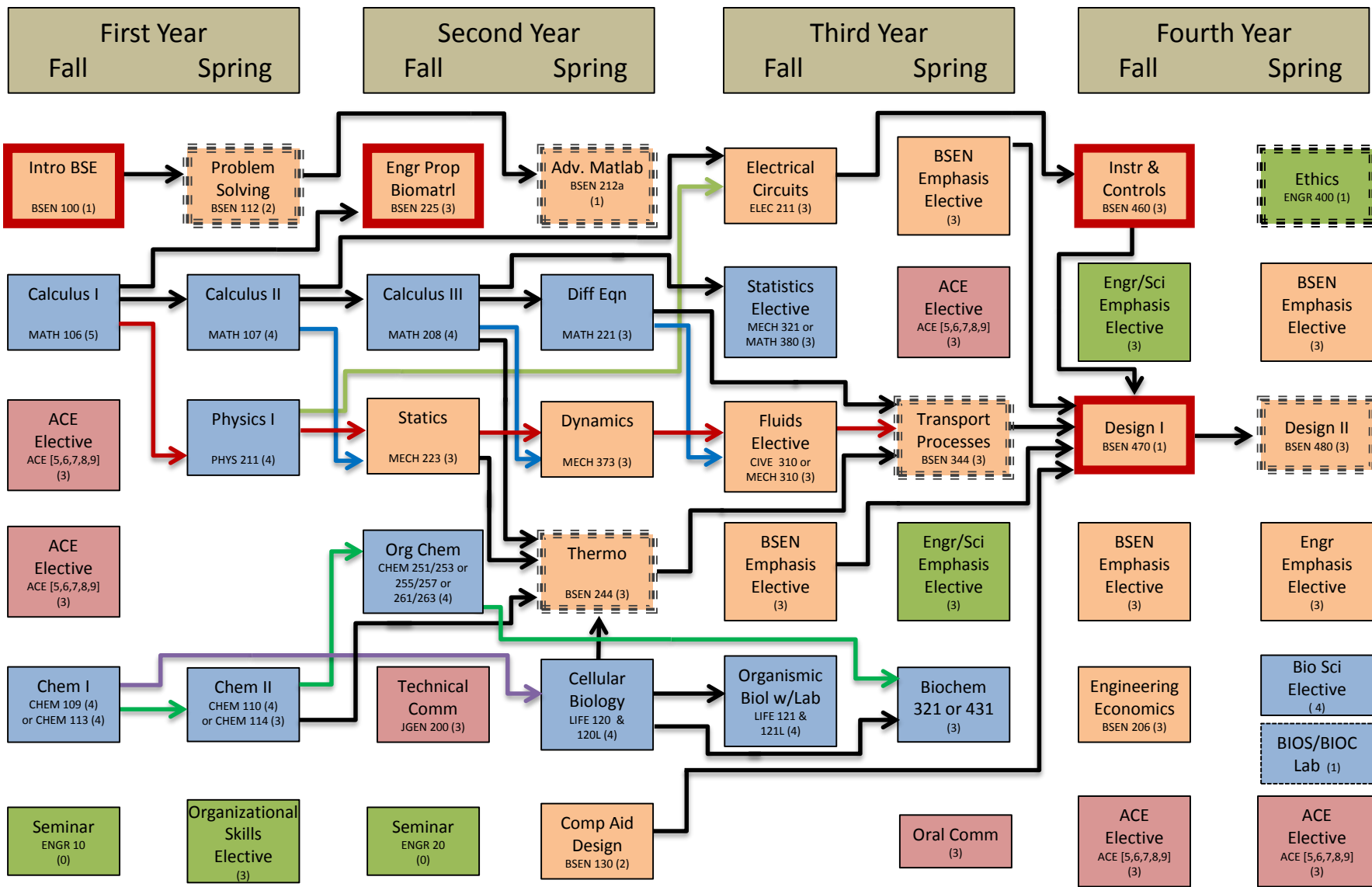
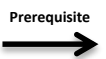


# BIOLOGICAL SYSTEMS ENGINEERING DEGREE PROGRAM: 2015 – 2016 Bulletin



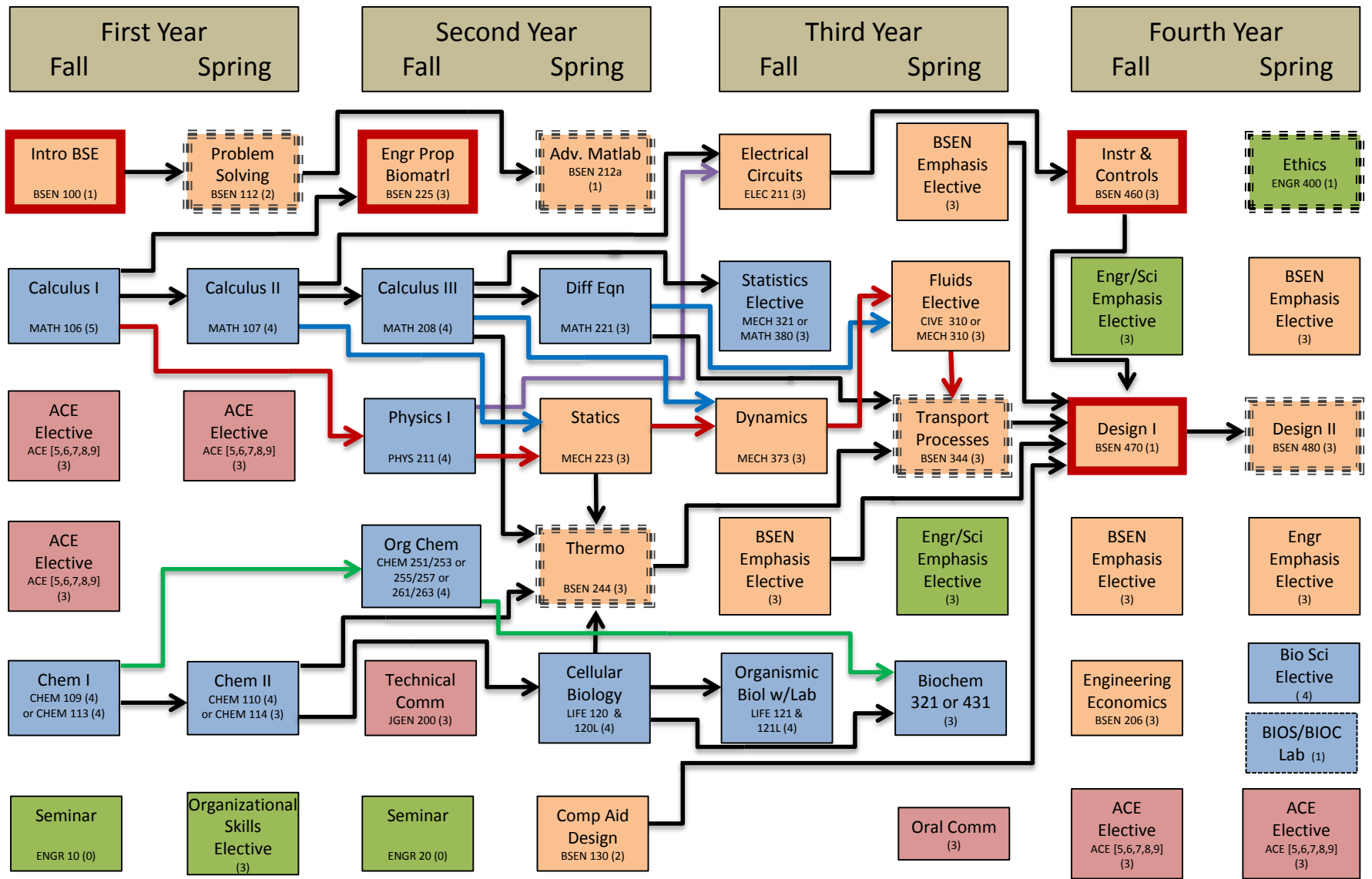
Key -



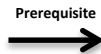
Fill

Math or Science	Engr Sci & Design	Gen Ed - ACE course	Program Requirement	Every Semester	Fall Semester only	Spring Semester only
-----------------	-------------------	---------------------	---------------------	----------------	--------------------	----------------------

# BIOLOGICAL SYSTEMS ENGINEERING DEGREE PROGRAM: 2015 – 2016 Bulletin (adjusted)



Key -



Prerequisite

Fill

Outline

Math or Science

Engr Sci & Design

Gen Ed - ACE course

Program Requirement

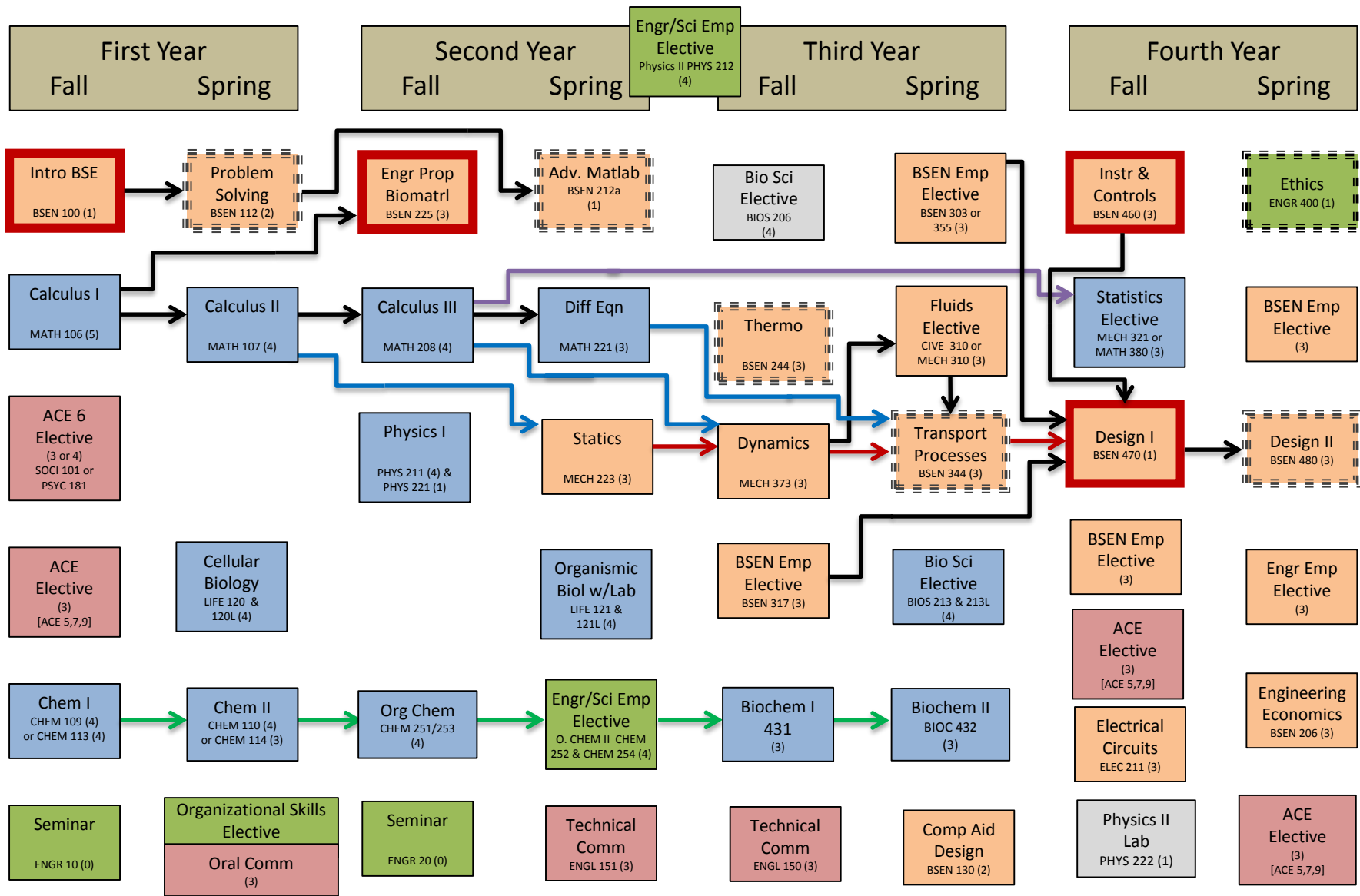
Every Semester

Fall Semester only

Spring Semester only

ACE Elective

# BIOLOGICAL SYSTEMS ENGINEERING DEGREE PROGRAM: 2015 – 2016 Bulletin (Pre-Med)



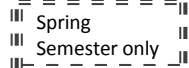
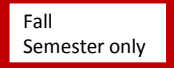
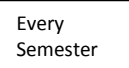
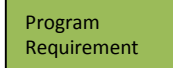
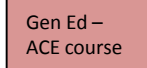
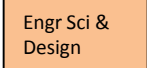
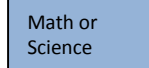
Key -



Prerequisite

Fill

Outline



# BIOLOGICAL SYSTEMS ENGINEERING DEGREE PROGRAM: 2015 – 2016 Bulletin

First Year		Second Year		Third Year		Fourth Year	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Intro BSE BSEN 100 (1)	Problem Solving BSEN 112 (2)	Engr Prop Biomatrl BSEN 225 (3)	Adv. Matlab BSEN 212a (1)	Electrical Circuits ELEC 211 (3)	BSEN Emphasis Elective (3)	Instr & Controls BSEN 460 (3)	Ethics ENGR 400 (1)
Calculus I MATH 106 (5)	Calculus II MATH 107 (4)	Calculus III MATH 208 (4)	Diff Eqn MATH 221 (3)	Statistics Elective MECH 321 or MATH 380 (3)	ACE Elective ACE [5,6,7,8,9] (3)	Engr/Sci Emphasis Elective (3)	BSEN Emphasis Elective (3)
ACE Elective ACE [5,6,7,8,9] (3)	Physics I PHYS 211 (4)	Statics MECH 223 (3)	Dynamics MECH 373 (3)	Fluids Elective CIVE 310 or MECH 310 (3)	Transport Processes BSEN 344 (3)	Design I BSEN 470 (1)	Design II BSEN 480 (3)
ACE Elective ACE [5,6,7,8,9] (3)		Org Chem CHEM 251/253 or 255/257 or 261/263 (4)	Thermo BSEN 244 (3)	BSEN Emphasis Elective (3)	Engr/Sci Emphasis Elective (3)	BSEN Emphasis Elective (3)	Engr Emphasis Elective (3)
Chem I CHEM 109 (4) or CHEM 113 (4)	Chem II CHEM 110 (4) or CHEM 114 (3)	Technical Comm JGEN 200 (3)	Cellular Biology LIFE 120 & 120L (4)	Organismic Biol w/Lab LIFE 121 & 121L (4)	Biochem 321 or 431 (3)	Engineering Economics BSEN 206 (3)	Bio Sci Elective (4)
Seminar ENGR 10 (0)	Organizational Skills Elective (3)	Seminar ENGR 20 (0)	Comp Aid Design BSEN 130 (2)		Oral Comm (3)	ACE Elective ACE [5,6,7,8,9] (3)	BIOS/BIOC Lab (1)
Total: 16	Total: 16	Total: 17	Total: 16	Total: 16	Total: 18	Total: 16	Total: 18

Key -



Prerequisite

Math or Science

Engr Sci & Design

Gen Ed – ACE course

Program Requirement

Every Semester

Fall Semester only

Spring Semester only

Fill

Outline