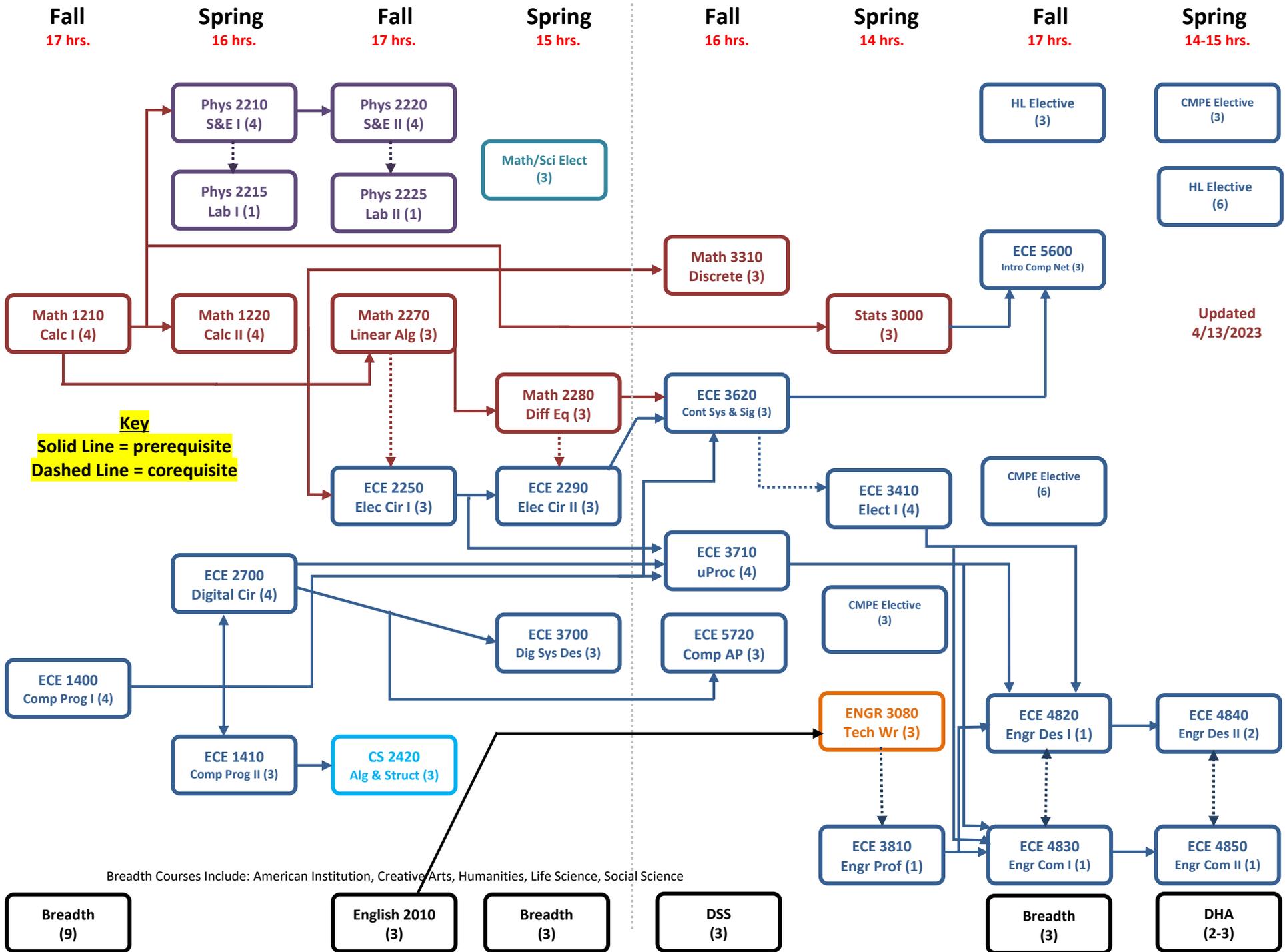
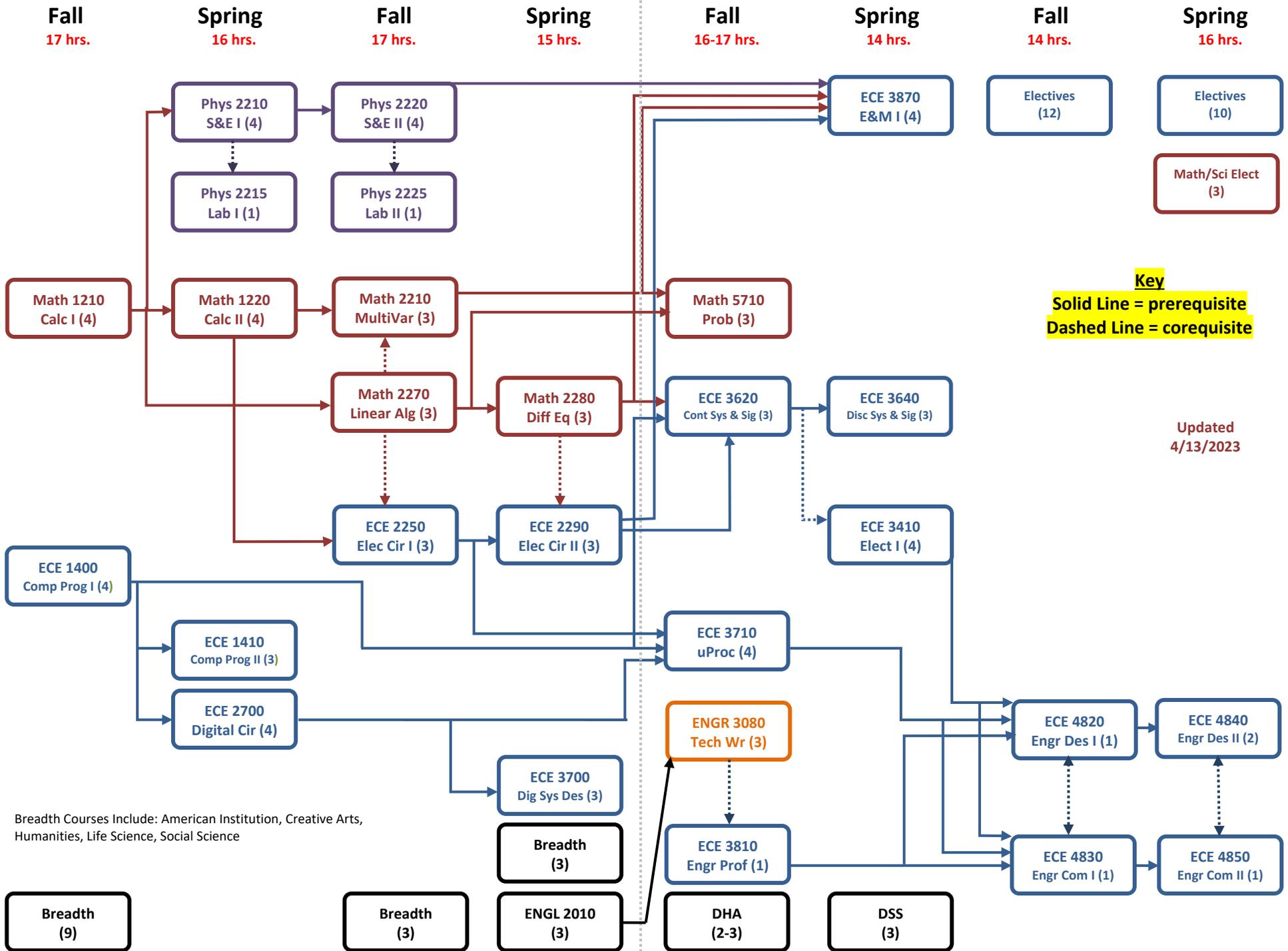


Computer Engineering Core Curriculum



Electrical Engineering Core Curriculum



Breadth (9)

Breadth (3)

Breadth (3)
ENGL 2010 (3)

DHA (2-3)

DSS (3)

Electives (12)

Electives (10)

Math/Sci Elect (3)

ECE 4820 Engr Des I (1)

ECE 4840 Engr Des II (2)

ECE 4830 Engr Com I (1)

ECE 4850 Engr Com II (1)

ECE 3710 uProc (4)

ECE 3620 Cont Sys & Sig (3)

ECE 3640 Disc Sys & Sig (3)

ECE 3410 Elect I (4)

ECE 2290 Elec Cir II (3)

ECE 2250 Elec Cir I (3)

ECE 3700 Dig Sys Des (3)

ECE 2700 Digital Cir (4)

ECE 1410 Comp Prog II (3)

ECE 1400 Comp Prog I (4)

ECE 3810 Engr Prof (1)

ENGR 3080 Tech Wr (3)

Math 5710 Prob (3)

Math 2280 Diff Eq (3)

Math 2270 Linear Alg (3)

Math 2210 MultiVar (3)

Math 1220 Calc II (4)

Math 1210 Calc I (4)

Phys 2220 S&E II (4)

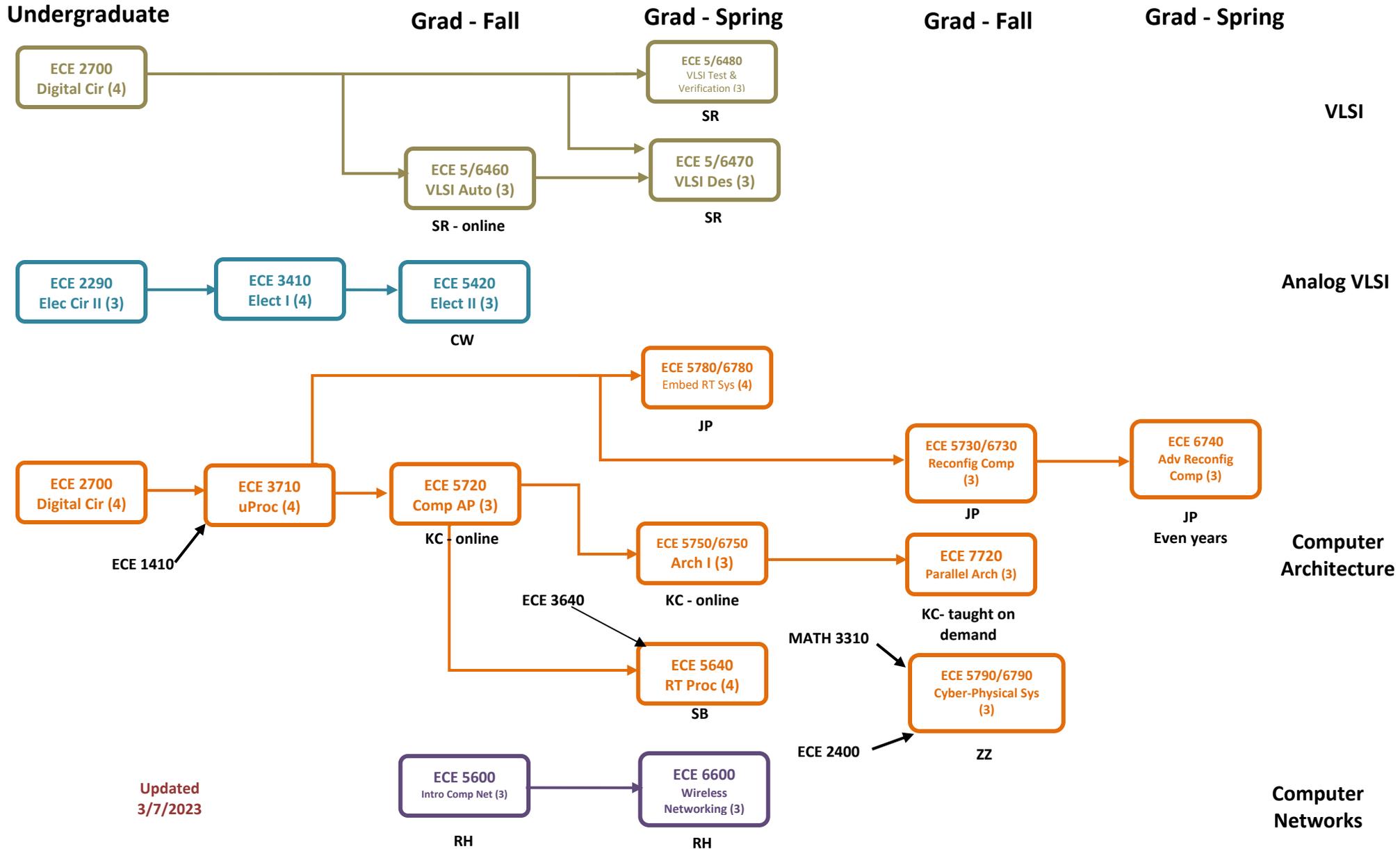
Phys 2210 S&E I (4)

Phys 2225 Lab II (1)

Phys 2215 Lab I (1)

ECE 3870 E&M I (4)

Computer Engineering Focus Area



Control Systems Focus Area

Undergraduate

Grad – Fall

Grad - Spring

Grad – Summer

Grad – Fall

Grad - Spring

ECE 3620
Cont Sys & Sig (3)

ECE 5310
Controls (3)

DC
BS

ECE 5320
Mech (4)

DC – even years

ECE 6340
Att Ctrl Th (3)

BB

ECE 6560
Space Nav (3)

DG

ECE 5330
SUAS (3)

GD

ECE 6570
Opt Space
Guidance (3)

MH

ECE 6320
Lin Ctrl (3)

GD

ECE 6345
Att Ctrl App (3)

BB

ECE 7570
Tech for GN&C
(3)

Taught on Demand

ECE 7560
Opt Est Aero (3)

GD – taught on
demand

ECE 7360
Opt Ctrl (3)

GD
Odd Years

ECE 7330
Nonlinear (3)

MH
Even Years

ECE 7340
Ad Aero Ctrl (3)

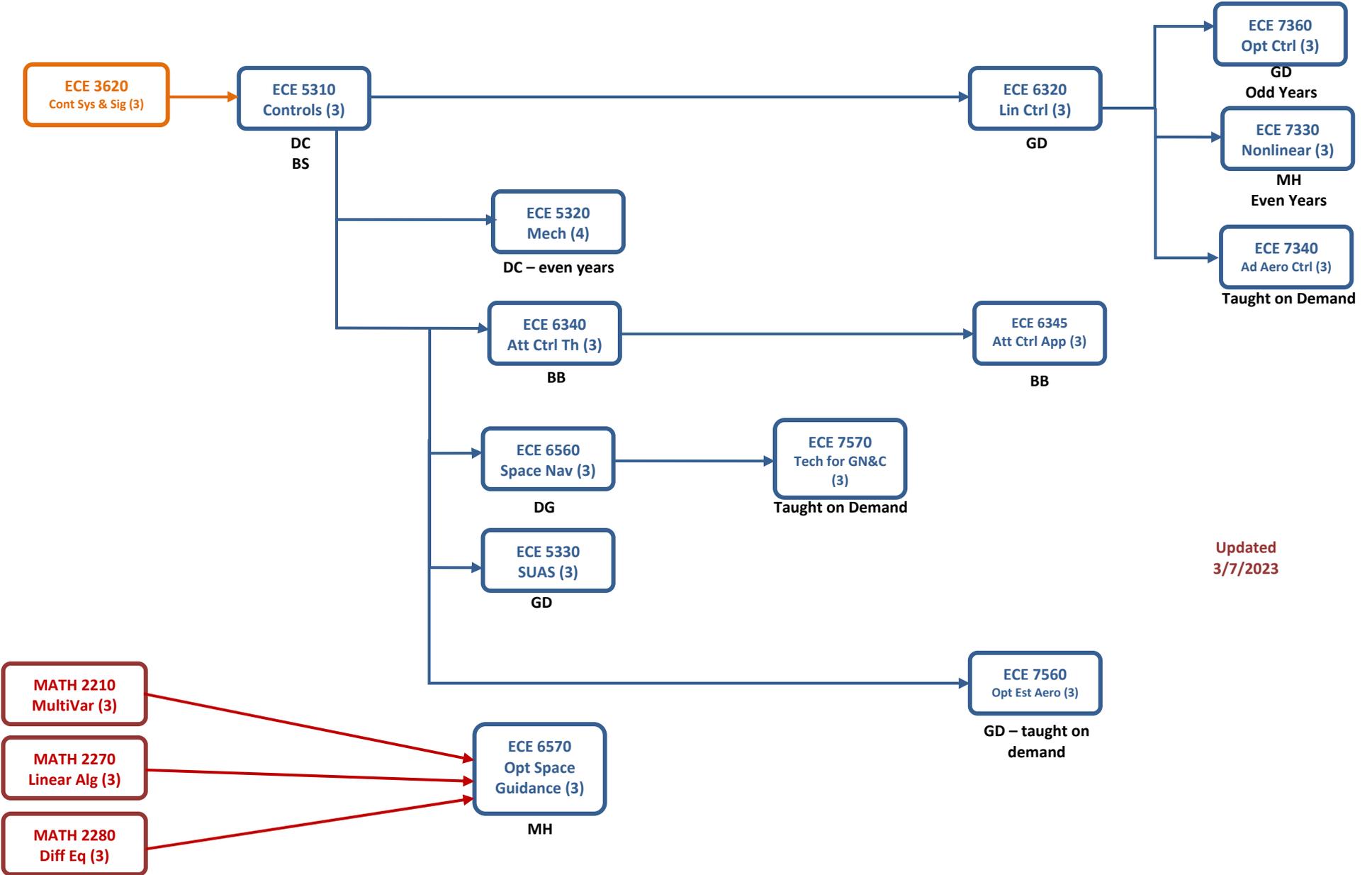
Taught on Demand

Updated
3/7/2023

MATH 2210
MultiVar (3)

MATH 2270
Linear Alg (3)

MATH 2280
Diff Eq (3)

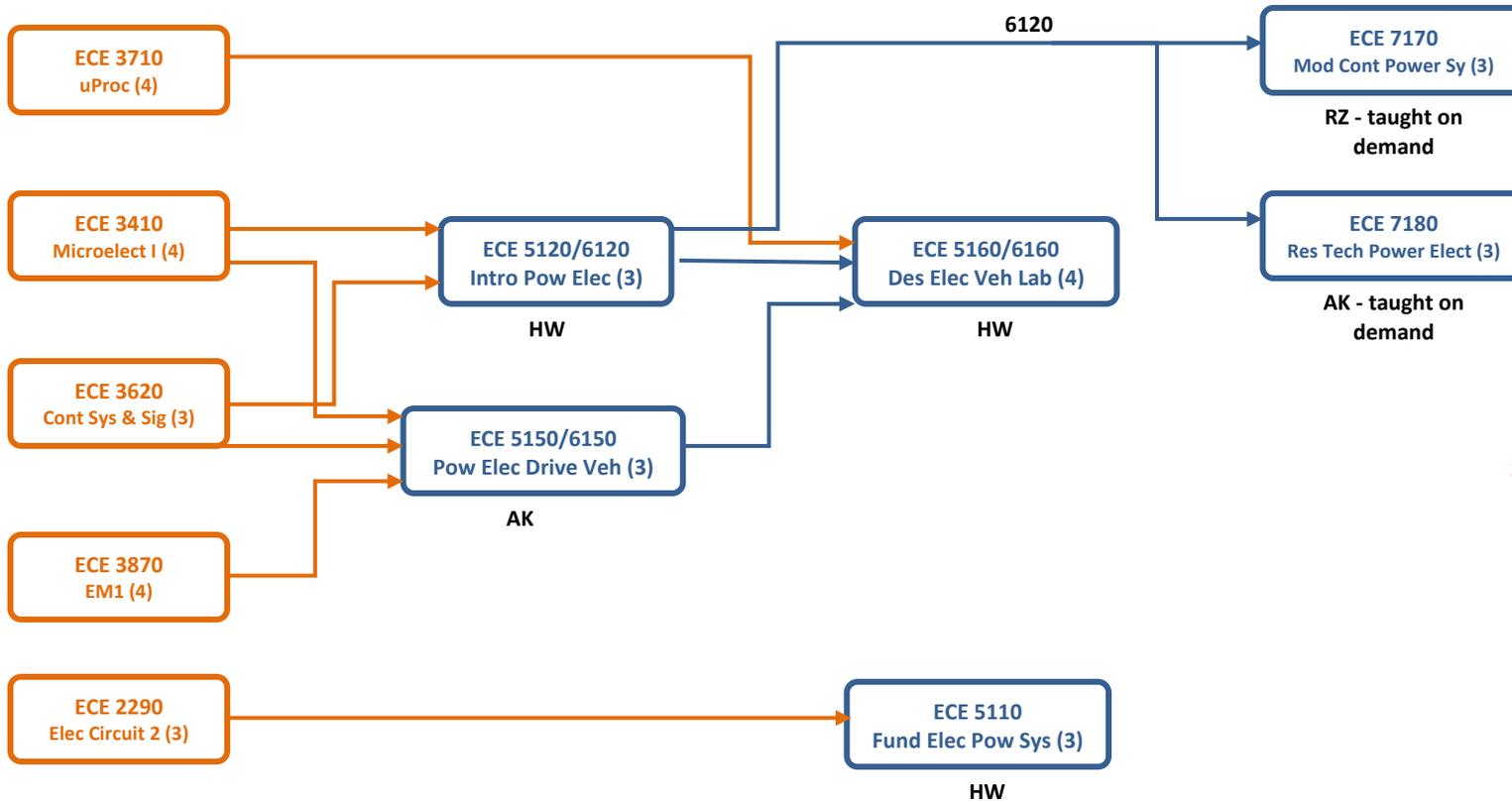


Electrical Power / Energy Focus Area

Undergraduate

Grad – Fall

Grad – Spring



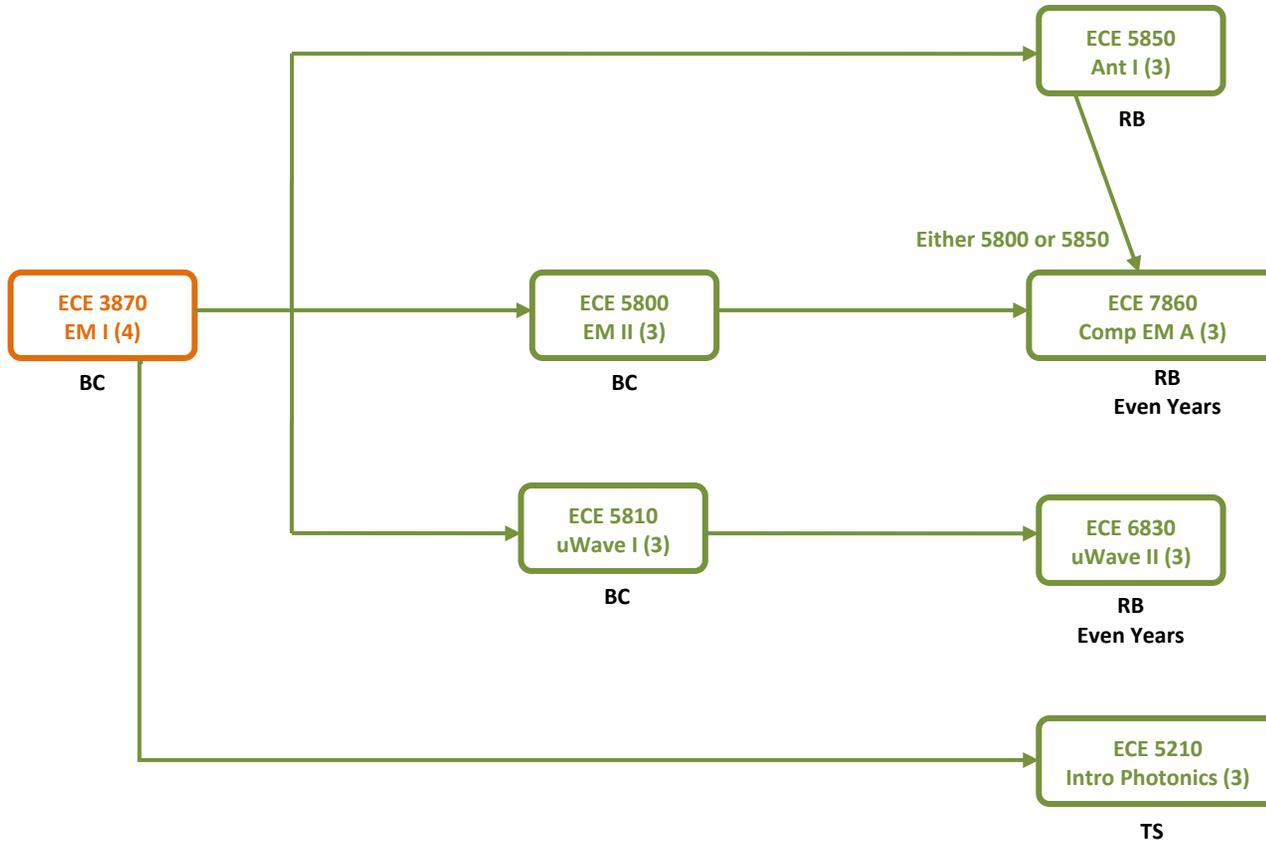
Updated
3/7/2023

EM / Microwave Focus Area

Undergraduate

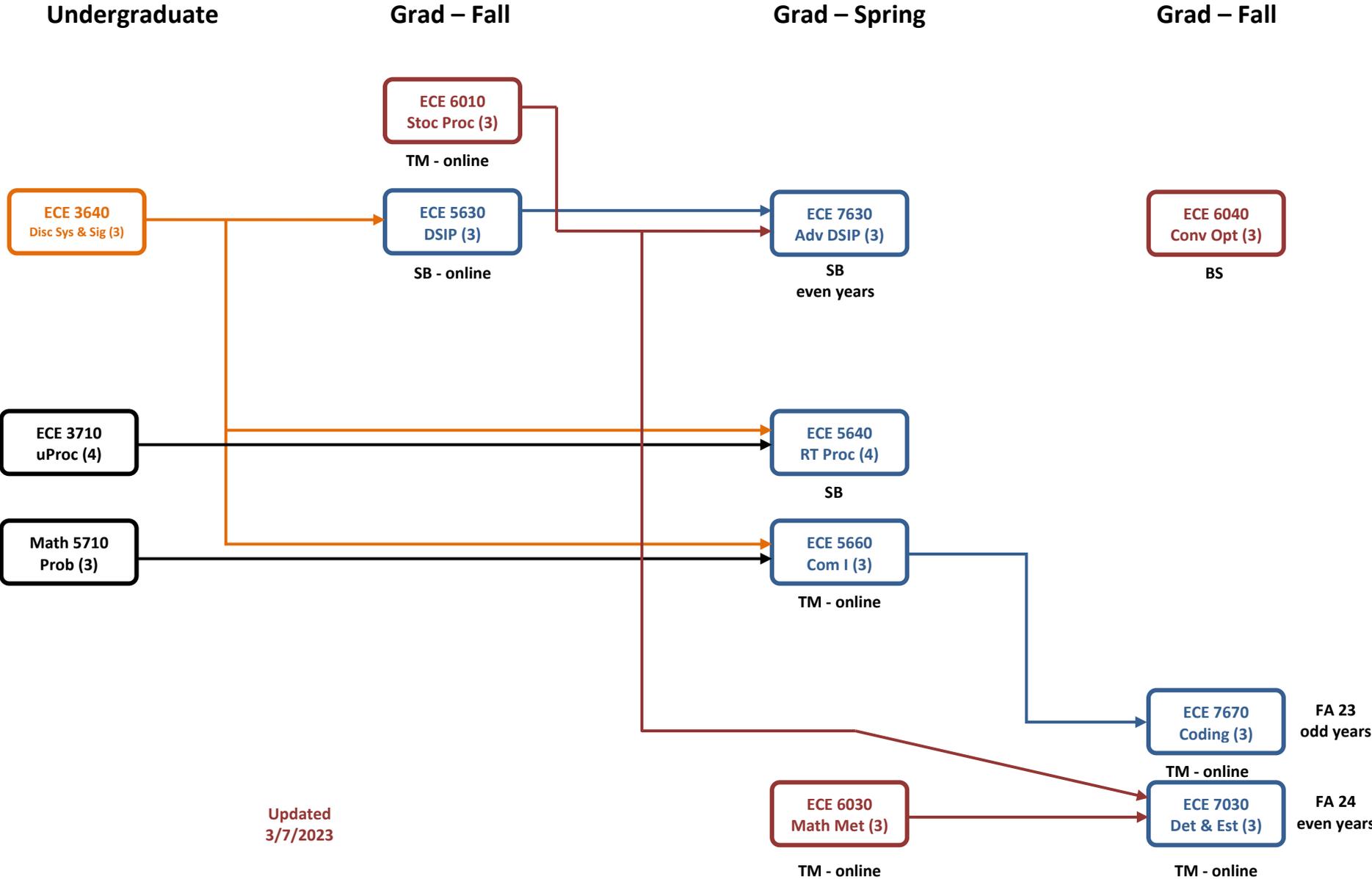
Grad – Fall

Grad – Spring



Updated
3/7/2023

Signals / Communications Focus Area



Space Systems Focus Area

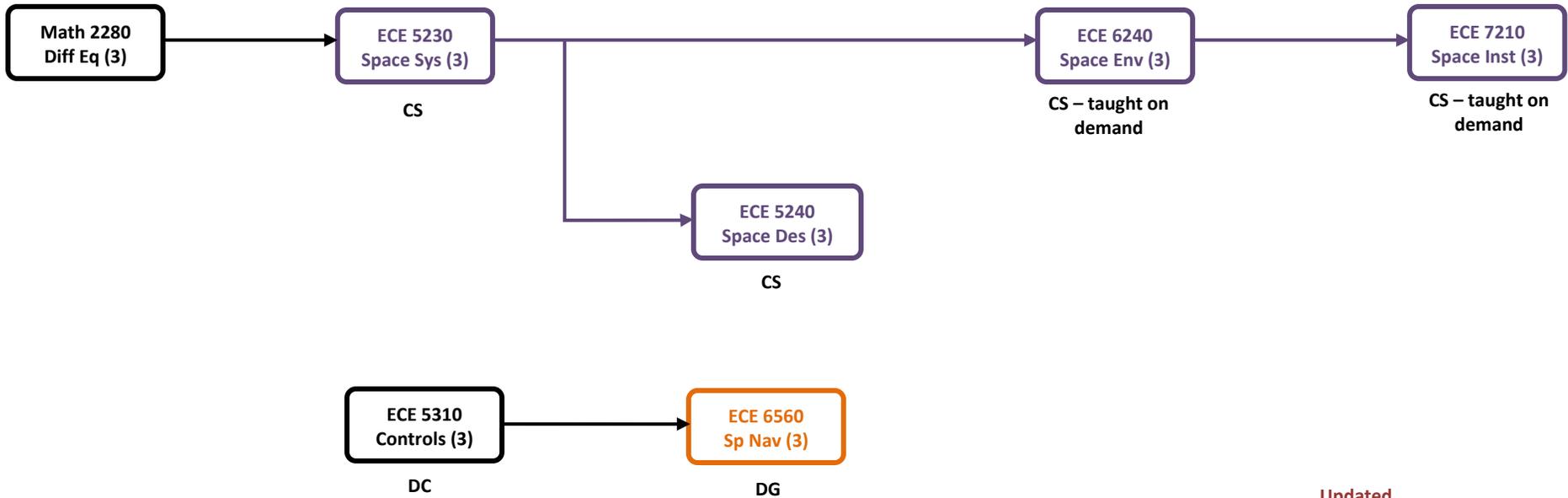
Undergraduate

Grad – Fall

Grad – Spring

Grad – Fall

Grad - Spring



Updated
3/7/2023