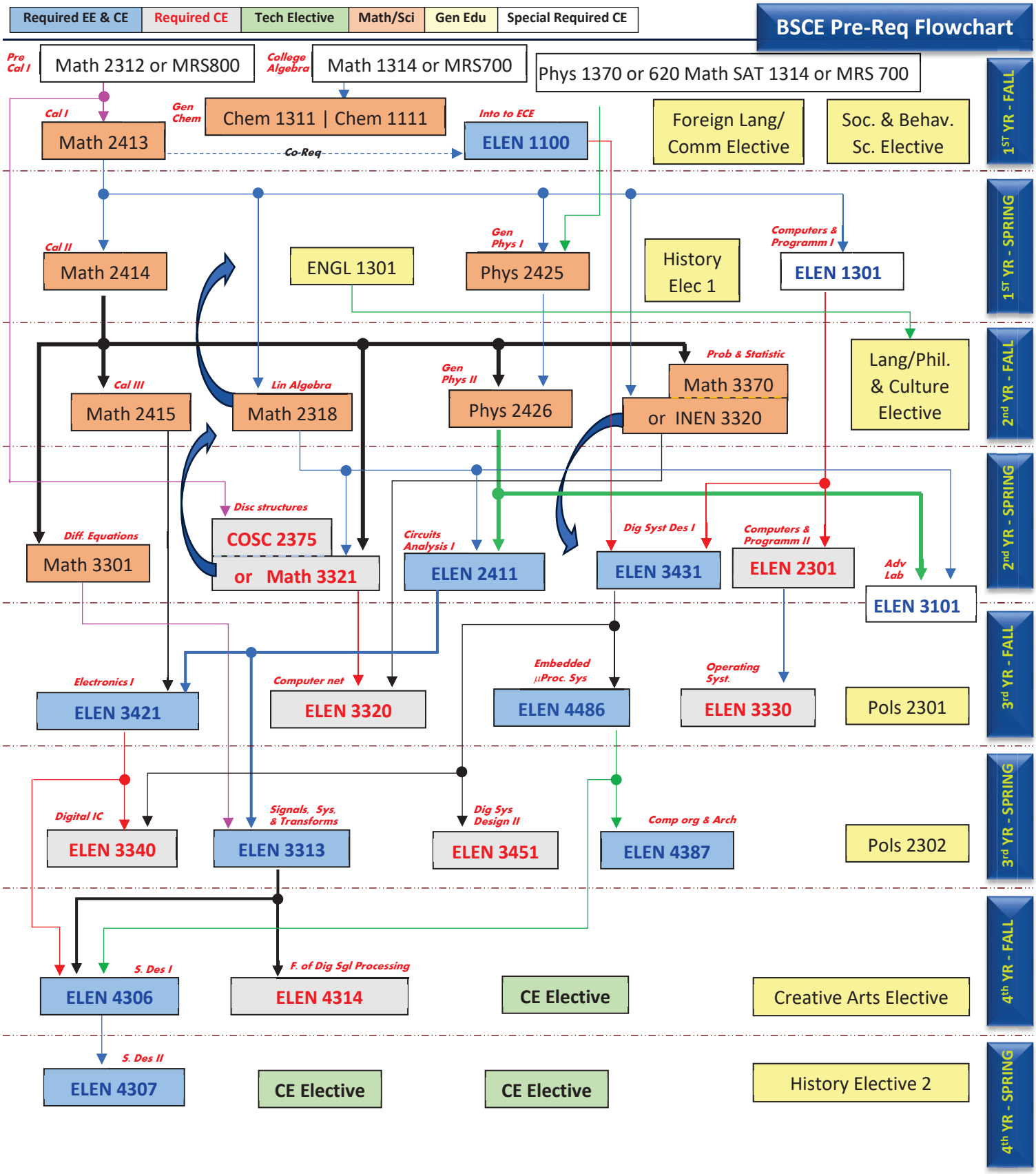
BSCE Pre-Req Flowchart
Required EE & CE
Required CE
Tech Elective
Math/Sci
Gen Edu
Special Required CE
1ST YR - FALL
1ST YR - SPRING
2nd YR - FALL
2nd YR - SPRING
3rd YR - FALL
3rd YR - SPRING
4th YR - FALL
4th YR - SPRING
Pre Cal I
Math 2312 or MRS800
College Algebra
Math 1314 or MRS700
Phys 1370 or 620 Math SAT 1314 or MRS 700
Cal I
Math 2413
Gen Chem
Chem 1311 | Chem 1111
Co-Req
Into to ECE
ELEN 1100
Foreign Lang/ Comm Elective
Soc. & Behav. Sc. Elective
Cal II
Math 2414
ENGL 1301
Gen Phys I
Phys 2425
History Elec 1
Computers & Programm I
ELEN 1301
Cal III
Math 2415
Lin Algebra
Math 2318
Gen Phys II
Phys 2426
Prob & Statistic
Math 3370
or INEN 3320
Lang/Phil. & Culture Elective
Disc structures
COSC 2375
or Math 3321
Diff. Equations
Math 3301
Circuits Analysis I
ELEN 2411
Dig Syst Des I
ELEN 3431
Computers & Programm II
ELEN 2301
Adv Lab
ELEN 3101
Electronics I
ELEN 3421
Computer net
ELEN 3320
Embedded µProc. Sys
ELEN 4486
Operating Syst.
ELEN 3330
Pols 2301
Digital IC
ELEN 3340
Signals, Sys, & Transforms
ELEN 3313
Dig Sys Design II
ELEN 3451
Comp org & Arch
ELEN 4387
Pols 2302
S. Des I
ELEN 4306
F. of Dig Sgl Processing
ELEN 4314
CE Elective
Creative Arts Elective
S. Des II
ELEN 4307
CE Elective
CE Elective
History Elective 2