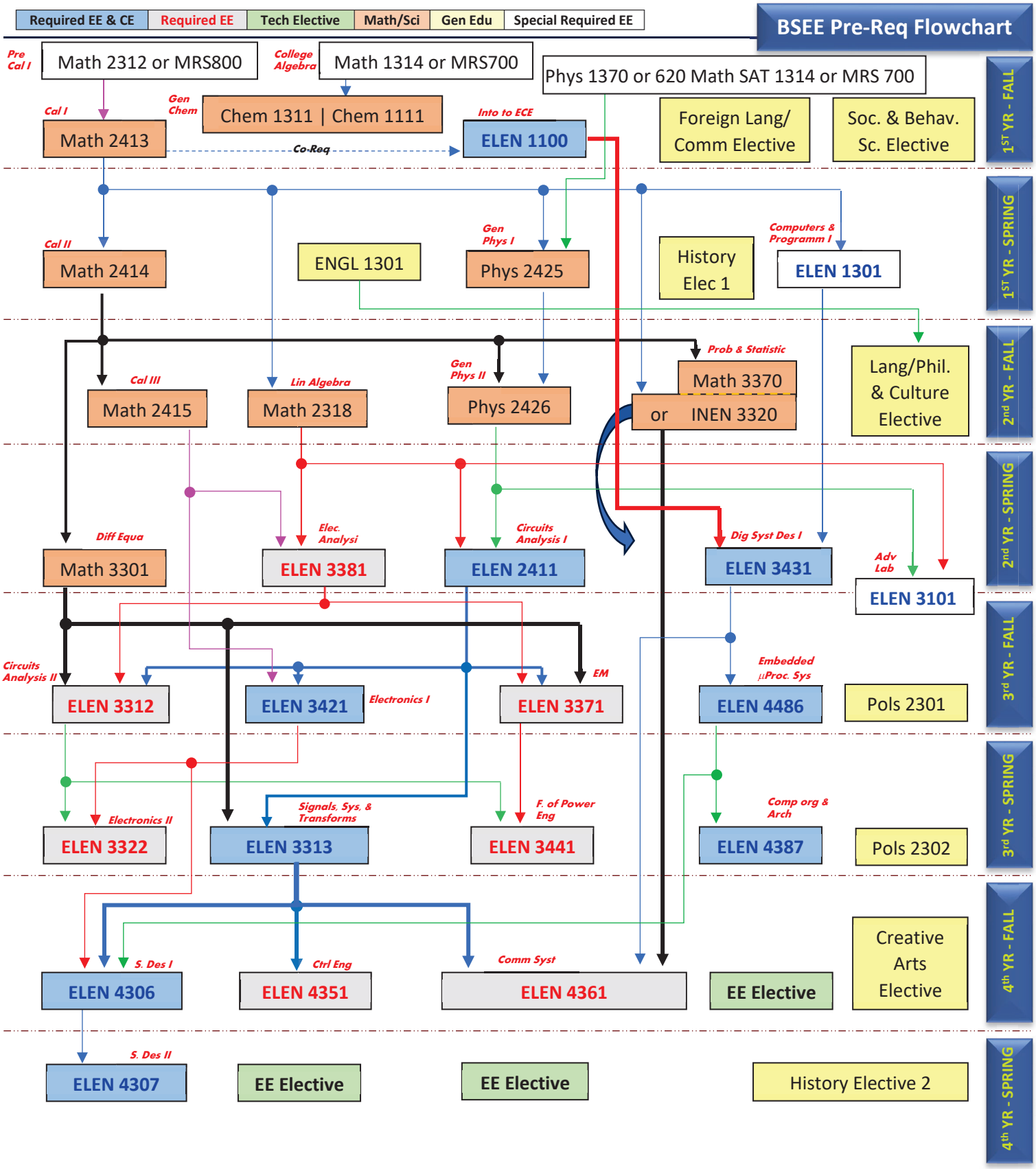
BSEE Pre-Req Flowchart
Required EE & CE
Required EE
Tech Elective
Math/Sci
Gen Edu
Special Required EE
1ST YR - FALL
1ST YR - SPRING
2nd YR - FALL
2nd YR - SPRING
3rd YR - FALL
3rd YR - SPRING
4th YR - FALL
4th YR - SPRING
Pre Cal I
Math 2312 or MRS800
College Algebra
Math 1314 or MRS700
Phys 1370 or 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
Diff Equa
Math 3301
Elec. Analysi
ELEN 3381
Circuits Analysis I
ELEN 2411
Dig Syst Des I
ELEN 3431
Adv Lab
ELEN 3101
Circuits Analysis II
ELEN 3312
ELEN 3421
Electronics I
EM
ELEN 3371
Embedded µProc. Sys
ELEN 4486
Pols 2301
Electronics II
ELEN 3322
Signals, Sys, & Transforms
ELEN 3313
F. of Power Eng
ELEN 3441
Comp org & Arch
ELEN 4387
Pols 2302
S. Des I
ELEN 4306
Ctrl Eng
ELEN 4351
Comm Syst
ELEN 4361
EE Elective
Creative Arts Elective
S. Des II
ELEN 4307
EE Elective
EE Elective
History Elective 2