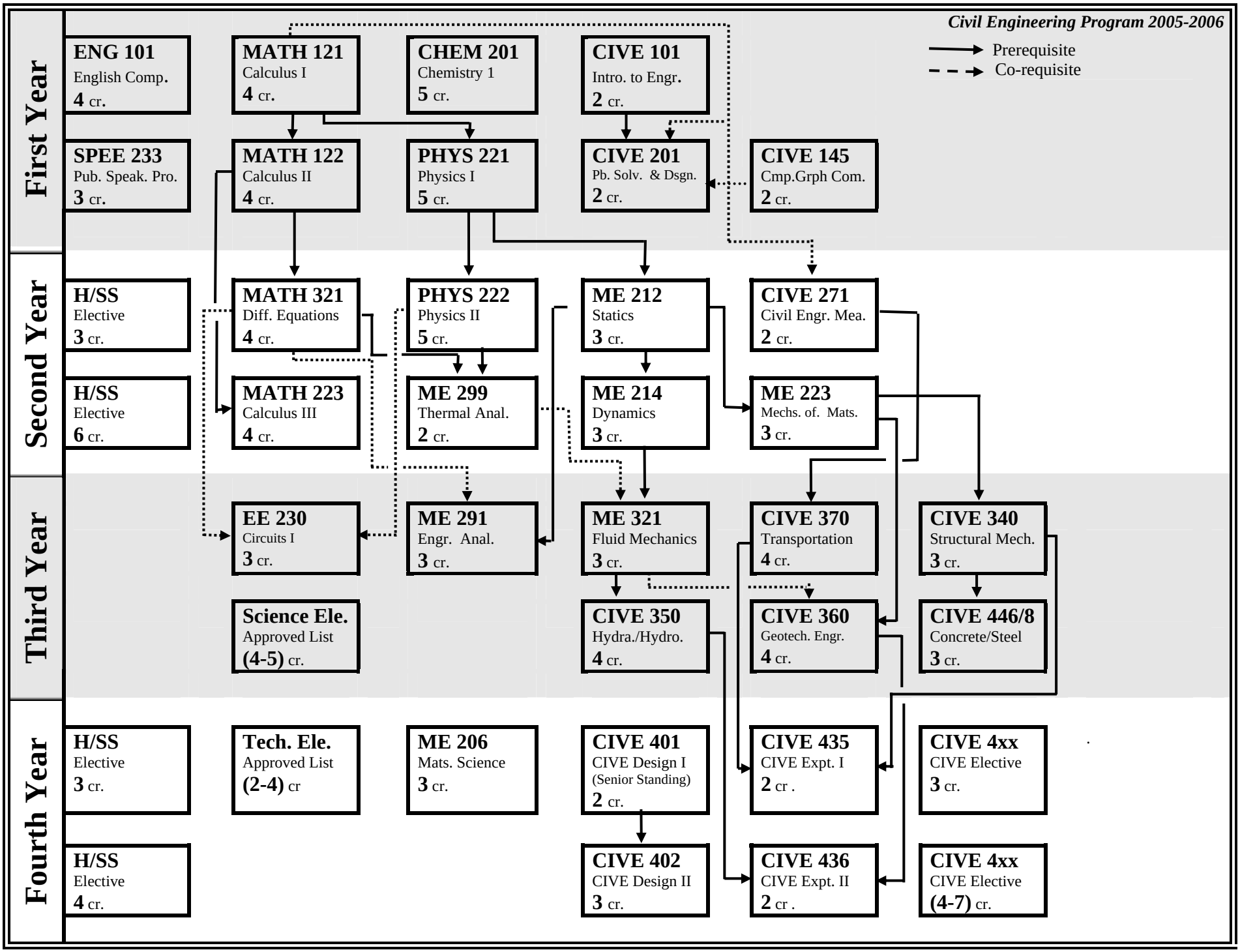
Civil Engineering Program 2005-2006
Prerequisite
Co-requisite
First Year
ENG 101 English Comp. 4 cr.
MATH 121 Calculus I 4 cr.
CHEM 201 Chemistry 1 5 cr.
CIVE 101 Intro. to Engr. 2 cr.
SPEE 233 Pub. Speak. Pro. 3 cr.
MATH 122 Calculus II 4 cr.
PHYS 221 Physics I 5 cr.
CIVE 201 Pb. Solv. & Dsgn. 2 cr.
CIVE 145 Cmp.Grph Com. 2 cr.
Second Year
H/SS Elective 3 cr.
MATH 321 Diff. Equations 4 cr.
PHYS 222 Physics II 5 cr.
ME 212 Statics 3 cr.
CIVE 271 Civil Engr. Mea. 2 cr.
H/SS Elective 6 cr.
MATH 223 Calculus III 4 cr.
ME 299 Thermal Anal. 2 cr.
ME 214 Dynamics 3 cr.
ME 223 Mechs. of. Mats. 3 cr.
Third Year
EE 230 Circuits I 3 cr.
ME 291 Engr. Anal. 3 cr.
ME 321 Fluid Mechanics 3 cr.
CIVE 370 Transportation 4 cr.
CIVE 340 Structural Mech. 3 cr.
Science Ele. Approved List (4-5) cr.
CIVE 350 Hydra./Hydro. 4 cr.
CIVE 360 Geotech. Engr. 4 cr.
CIVE 446/8 Concrete/Steel 3 cr.
Fourth Year
H/SS Elective 3 cr.
Tech. Ele. Approved List (2-4) cr
ME 206 Mats. Science 3 cr.
CIVE 401 CIVE Design I (Senior Standing) 2 cr.
CIVE 435 CIVE Expt. I 2 cr .
CIVE 4xx CIVE Elective 3 cr.
H/SS Elective 4 cr.
CIVE 402 CIVE Design II 3 cr.
CIVE 436 CIVE Expt. II 2 cr .
CIVE 4xx CIVE Elective (4-7) cr.