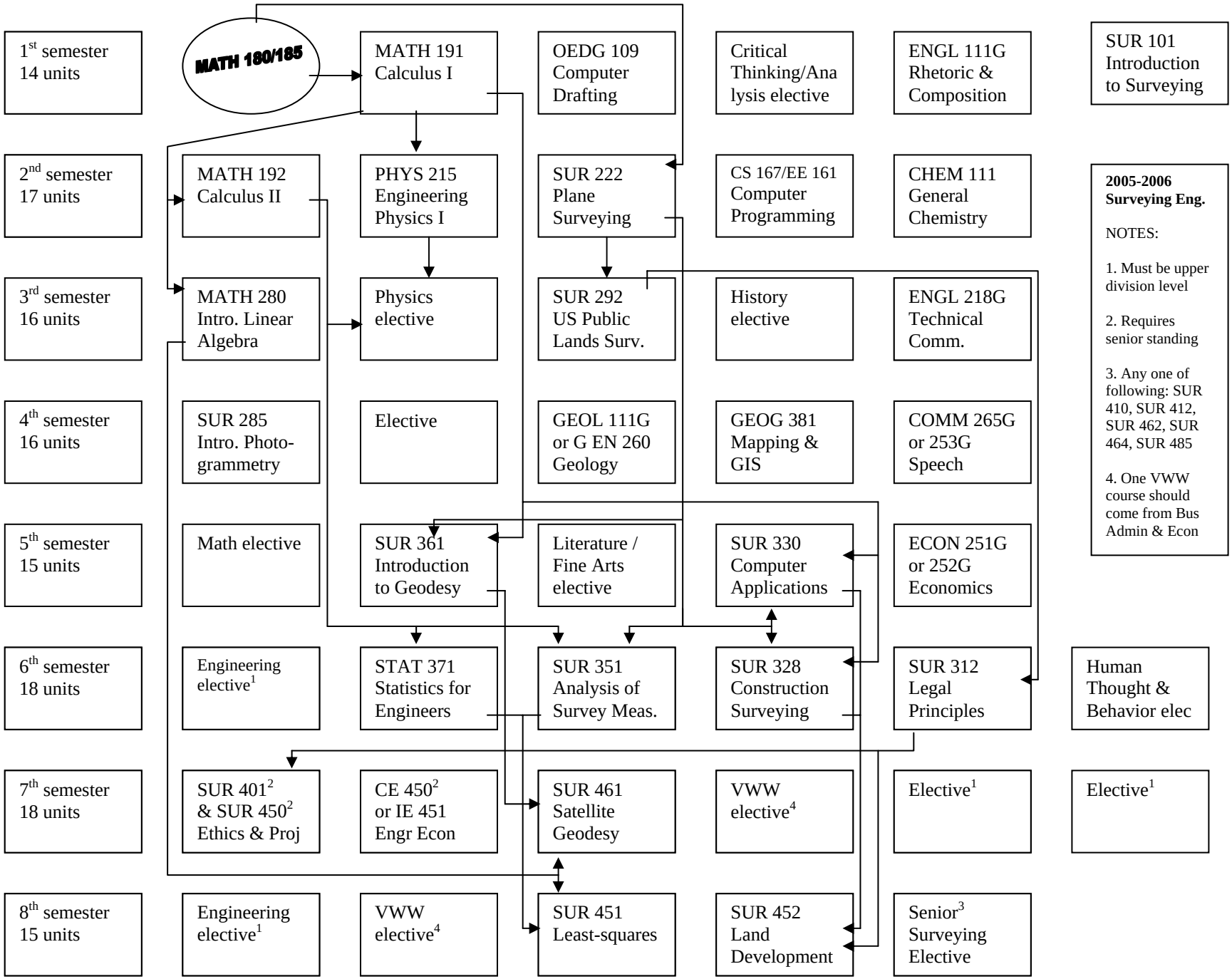
1st semester 14 units
MATH 180/185
MATH 191 Calculus I
OEDG 109 Computer Drafting
Critical Thinking/Analysis elective
ENGL 111G Rhetoric & Composition
SUR 101 Introduction to Surveying
2nd semester 17 units
MATH 192 Calculus II
PHYS 215 Engineering Physics I
SUR 222 Plane Surveying
CS 167/EE 161 Computer Programming
CHEM 111 General Chemistry
3rd semester 16 units
MATH 280 Intro. Linear Algebra
Physics elective
SUR 292 US Public Lands Surv.
History elective
ENGL 218G Technical Comm.
4th semester 16 units
SUR 285 Intro. Photo-grammetry
Elective
GEOL 111G or G EN 260 Geology
GEOG 381 Mapping & GIS
COMM 265G or 253G Speech
5th semester 15 units
Math elective
SUR 361 Introduction to Geodesy
Literature / Fine Arts elective
SUR 330 Computer Applications
ECON 251G or 252G Economics
6th semester 18 units
Engineering elective1
STAT 371 Statistics for Engineers
SUR 351 Analysis of Survey Meas.
SUR 328 Construction Surveying
SUR 312 Legal Principles
Human Thought & Behavior elec
7th semester 18 units
SUR 401 2 & SUR 450 2 Ethics & Proj
CE 450 2 or IE 451 Engr Econ
SUR 461 Satellite Geodesy
VWW elective4
Elective1
Elective1
8th semester 15 units
Engineering elective1
VWW elective4
SUR 451 Least-squares
SUR 452 Land Development
Senior3 Surveying Elective
2005-2006 Surveying Eng.
NOTES:
1. Must be upper division level
2. Requires senior standing
3. Any one of following: SUR 410, SUR 412, SUR 462, SUR 464, SUR 485
4. One VWW course should come from Bus Admin & Econ