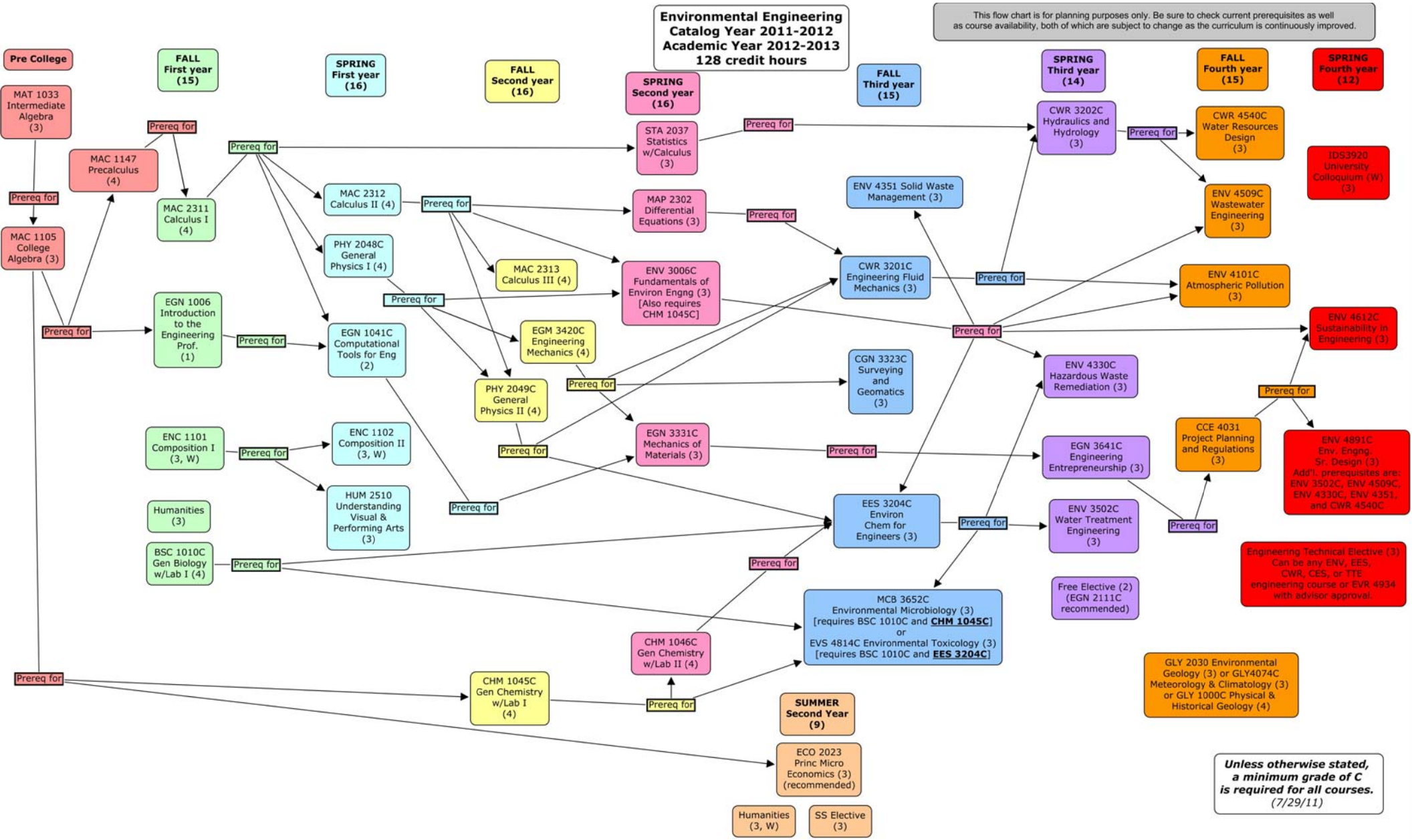
Environmental Engineering
Catalog Year 2011-2012
Academic Year 2012-2013
128 credit hours
This flow chart is for planning purposes only. Be sure to check current prerequisites as well as course availability, both of which are subject to change as the curriculum is continuously improved.
Pre College
FALL First year (15)
SPRING First year (16)
FALL Second year (16)
SPRING Second year (16)
FALL Third year (15)
SPRING Third year (14)
FALL Fourth year (15)
SPRING Fourth year (12)
MAT 1033 Intermediate Algebra (3)
MAC 1147 Precalculus (4)
MAC 2311 Calculus I (4)
MAC 1105 College Algebra (3)
EGN 1006 Introduction to the Engineering Prof. (1)
ENC 1101 Composition I (3, W)
Humanities (3)
BSC 1010C Gen Biology w/Lab I (4)
MAC 2312 Calculus II (4)
PHY 2048C General Physics I (4)
EGN 1041C Computational Tools for Eng (2)
ENC 1102 Composition II (3, W)
HUM 2510 Understanding Visual & Performing Arts (3)
MAC 2313 Calculus III (4)
EGM 3420C Engineering Mechanics (4)
PHY 2049C General Physics II (4)
STA 2037 Statistics w/Calculus (3)
MAP 2302 Differential Equations (3)
ENV 3006C Fundamentals of Environ Engng (3) [Also requires CHM 1045C]
EGN 3331C Mechanics of Materials (3)
CHM 1046C Gen Chemistry w/Lab II (4)
CHM 1045C Gen Chemistry w/Lab I (4)
ENV 4351 Solid Waste Management (3)
CWR 3201C Engineering Fluid Mechanics (3)
CGN 3323C Surveying and Geomatics (3)
EES 3204C Environ Chem for Engineers (3)
MCB 3652C Environmental Microbiology (3) [requires BSC 1010C and CHM 1045C] or EVS 4814C Environmental Toxicology (3) [requires BSC 1010C and EES 3204C]
CWR 3202C Hydraulics and Hydrology (3)
ENV 4330C Hazardous Waste Remediation (3)
EGN 3641C Engineering Entrepreneurship (3)
ENV 3502C Water Treatment Engineering (3)
Free Elective (2) (EGN 2111C recommended)
CWR 4540C Water Resources Design (3)
ENV 4509C Wastewater Engineering (3)
ENV 4101C Atmospheric Pollution (3)
ENV 4612C Sustainability in Engineering (3)
CCE 4031 Project Planning and Regulations (3)
ENV 4891C Env. Engng. Sr. Design (3) Add'l. prerequisites are: ENV 3502C, ENV 4509C, ENV 4330C, ENV 4351, and CWR 4540C
IDS3920 University Colloquium (W) (3)
Engineering Technical Elective (3) Can be any ENV, EES, CWR, CES, or TTE engineering course or EVR 4934 with advisor approval.
GLY 2030 Environmental Geology (3) or GLY4074C Meteorology & Climatology (3) or GLY 1000C Physical & Historical Geology (4)
SUMMER Second Year (9)
ECO 2023 Princ Micro Economics (3) (recommended)
Humanities (3, W)
SS Elective (3)
Prereq for
Unless otherwise stated, a minimum grade of C is required for all courses.
(7/29/11)