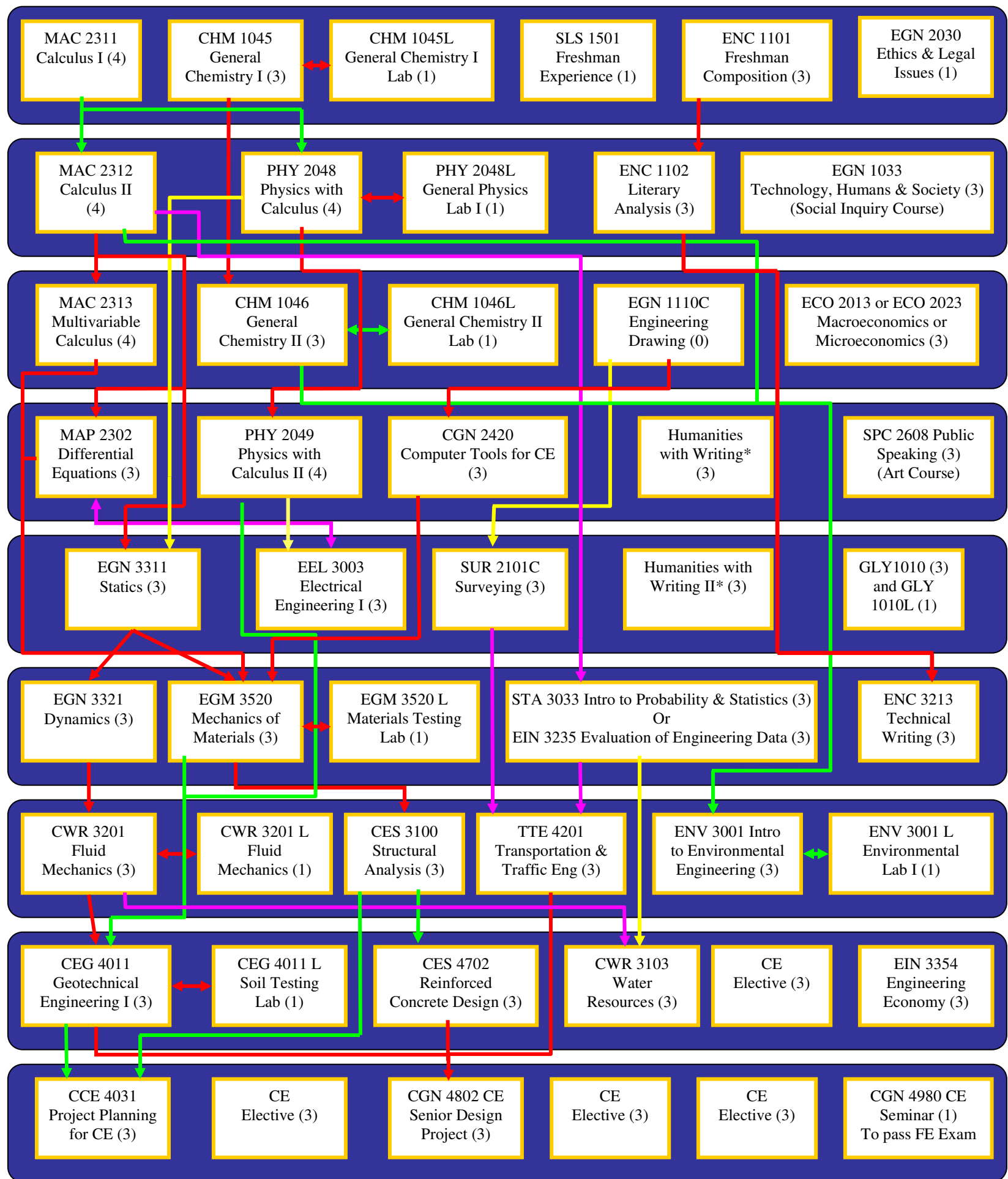


FLORIDA INTERNATIONAL UNIVERSITY
DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING
UNDERGRADUATE COURSE SEQUENCE



Humanities with Writing: (6)

PHI 2600	Introduction to Ethics	3
ARC 2701	History of Architecture	3
HUM 3306	History of Ideas	3
WOH 2001	World Civilization	3
EUH 2030	Western Civ. Europe in the Modern Era	3
AMH 2041	Origins of American Civilization	3
AMH 2042	Modern American Civilization	3
LAH 2020	Latin American Civilization	3

Suggested Electives for Structural Engineering Option*

**(other electives may be chosen, as approved by Advisor)*

CES 4320	Design of Highway Bridges	3
CES 4605	Steel Design	3
CES 5106	Advanced Structural Analysis	3
CES 5587	Topics in Wind Eng	3
EGM 5421	Structural Dynamics	3
CES 5715	Prestressed Concrete Design	3

Suggested Electives for Water Resources Engineering Option*

CWR 4530	Modeling Apl. in Water Resources Engineering	3
CWR 5235	Open Channel Hydraulics	3
CWR 5251	Environmental Hydraulics	3
ENV 4401	Water Supply Engineering	4

Suggested Electives for Geotechnical Engineering Option*

CEG 4012	Geotechnical Engineering II	4
CEG 4126	Fundamentals of Pavement Design	3
CEG 5065	Geotechnical Dynamics	4

Suggested Electives for Environmental Engineering Option*

ENV 4101	Elements of Atmospheric Pollution	3
ENV 4330	Hazardous Waste Assessment & Remediation	3
ENV 4351	Solid Waste Management	3
ENV 4401	Water Supply Engineering	4
ENV 4551	Sewerage and Wastewater Treatment	4

Suggested Electives for Construction Engineering Option*

CCE 4001	Heavy Construction	3
CGN 4930	Design of Temporary Structures in Construction	3
CCE 5035	Construction Engineering Management	3
CCE 5036	Adv Project Planning for Civil Engineers	3
CCE 5505	Computer Integrated Construction Eng	3

Suggested Electives for Transportation Engineering Option*

CGN 4321	GIS Application in CEE	3
TTE 4203	Highway Capacity Analysis	3
TTE 4804	Geometric Design of Highways	3
TTE 5007	Transportation Systems in Developing Nations	3
TTE 5215	Fundamentals of Traffic Engineering	3