

Flowchart **USF BS in Environmental Engineering (B.S.E.V.)** **2024-25 Catalog, 120 hours**

Lower Division Status				Upper Division Status				
Year 1		Year 2		Summer	Year 3		Year 4	
Fall 14 hrs	Spring 15 hrs	Fall 13 hrs	Spring 15 hrs	10 hrs	Fall 12 hrs	Spring 13 hrs	Fall 15 hrs	Spring 12 hrs

EGN 3000
Foundations of Engineering
Required F, S

ENV 2061
Sustainable & Healthy Env
2 hrs F

EGN 1113
Intro to Design Graphics
3 hrs F, S, Su

* BSC 2010
Biology I Cellular Proc.
3 hrs F, S, Su

EGN 3443
Probability & Stats for Eng (Info & Data Lit)
3 hrs F, S, Su

GLY 3850
Geology for Engineers or GLY 2010 or ESC 2000
3 hrs F, S

MAC 2281 or MAC 2311
Calculus I
4 hrs F, S, Su

MAC 2282 or MAC 2312
Calculus II
4 hrs F, S, Su

MAC 2283 or MAC 2313
Calculus III
4 hrs F, S, Su

EGN 3433
Mod Analysis Eng Sys or MAP 2302
3 hrs F, S, Su

EGN 3343
Thermodynamics I
3 hrs F, S, Su

ENV 4612
Green Engr for Sustainability
3 hrs S

ENV 4620
ENVISION Sust. Comm.
3 hrs F

CGN 4122
Prof & Ethical Issues (TGEI)
3 hr S

EGN 3000L
Foundations of Eng Lab (Creative Thinking)
3 hrs F, S

PHY 2048
General Physics I
3 hrs F, S, Su

PHY 2049
General Physics II
3 hrs F, S, Su

ENV 4004L
Environmental Eng Lab
1 hr F, S

ENV 4053C
Fate & Transp. Chem Env
3 hrs F

ENV 4417
Water Quality & Treatment
3 hrs F

CWR 4812
Capstone Water/Env Design (TGEH)
3 hrs S

CHM 2045
General Chemistry I
3 hrs F, S, Su

EGN 3311
Statics
3 hrs F, S, Su

ENV 4001
Environmental Engineering I
3 hrs F, S

CWR 4202
Hydraulics
3 hrs S

CHM 2045L
General Chemistry I Lab
1 hr F, S, Su

EGN 4453
Numerical & Comp Tools I
3 hrs F, S, Su

EGN 3615
Eng Economics (Human & Cult Diversity)
3 hrs F, S, Su

General Elective (See Technical Elective list)
3 hrs F, S, Su

CWR 4202L
Hydraulics Lab

ENV 4102
Air Pollution Fundamentals
3 hrs F

ENC 1101
Composition I
3 hrs F, S, Su

ENC 1102
Composition II
3 hrs F, S, Su

St. GenEd Core
Social Science Elective
3 hrs F, S, Su

St. GenEd Core
Humanities Elective
3 hrs F, S, Su

