

**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 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

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

PHY 2048L  
General Physics I Lab  
1 hr F, S, Su

PHY 2049L  
General Physics II Lab  
1 hr F, S, Su

ENV 4001  
Environmental Engineering I  
3 hrs 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

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 4202  
Hydraulics  
3 hrs S

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

