Updated 7/31/2024

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 Thermo-dynamics 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 (TGEE) 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	
	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					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				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		