

Environmental Engineering Flowchart
Colorado State University **Effective Spring 2018**

Prerequisites and (co-requisites) are shown above the class. Technical electives require department approval.
 This flowchart is provided as a guide only. Programs of study, course offerings and prerequisites can change during the year and the CSU catalog is the source of official information.

11/8/2019

Freshman	Fall	CIVE 102 - 3 F Intro CE/Env Engr			MATH 160 - 4 Calculus I	PH 141 - 5 Physics I	CO 150 - 3 College Comp	15	
	Spring	CIVE 102 CIVE 103 - 3 S Eng Graphics & Comp			MATH 124 MATH160 MATH 161 - 4 Calculus II	MATH 118 CHEM 105 CHEM 111 - 4 Gen Chem I	(CHEM 111) CHEM 112 - 1 Gen Chem Lab	LIFE 102 - 4 Living Systems	16
Sophomore	Fall	CIVE 103 (MATH 160) CIVE 202 - 3 F Num Mod & Risk Anal	MATH 160 PH 141 CIVE 260 - 3 F,S,SM Engr Statics		MATH 161 MATH 261 - 4 Calculus III	CHEM 111 CHEM 113 - 3 Gen Chem II	CHEM 112 (CHEM 113) CHEM 114 - 1 Gen Chem Lab II	Arts & Humanities - 3	17
	Spring	CIVE 202 CIVE 203 - 3 S Engr Sys & Dec Anal.	CIVE 260 CIVE 261 - 3 F,S,SM Engr Dynamics	CIVE 260 CIVE 360 - 3 F,S,SM Mech/Solids	MATH 160 PH 141 MECH 237 - 3 S Intro Thermal Sci	CHEM 113 CHEM 245 - 4 Organic Chem			16
Junior	Fall	CIVE 261 (MECH 237) (MATH 340) CIVE 300 - 3 F,S Fluid Mech	(CIVE 300) CIVE 301- 1 F, S Fluid Mech Lab		MATH261 MATH 340 - 4 Diff Equations	CIVE 360 CIVE 355 - 3 F,S Geotech Engr	(CIVE 355) CIVE 356 - 1 F,S Geotech Engr Lab	MATH 117, MATH 118 or MATH 160 ECON 202 - 3 Prin of Microecon	15
	Spring	CBE 331 or CIVE 300 or WR 416; CIVE 203 or STAT 301 or STAT 315 CIVE 322 - 3 F,S Basic Hydrology	CBE 331 or CIVE 300 or MECH 342; CHEM 113 CIVE 339 - 3 F, S Env Engr Concepts	CIVE 300 CIVE 442 - 3 S Air Quality Engr		BZ 110 or BZ 120 or LIFE 102 (CHEM 245) MIP 300 - 3 Gen Microbiology	Advanced Writing - 3	Global & Cultural Awareness - 3	18
Senior	Fall	CIVE 300;CIVE 303 or CHEM 245 CIVE 402 - 3 F Senior Design Prin	CHEM 113 MATH 340 CIVE 439 - 3 F Env Engr Chem Con	CHEM 245 ERHS 446 - 3 F Env Toxicology	CIVE 300 CIVE 401 - 3 F,S Hydraulic Engr	Engr Technical Elective -3		Historical Perspectives - 3	18
	Spring	CIVE 402 CIVE 403 - 3 S Senior Proj Design	(CIVE 440) or (CIVE 438) CIVE 441 - 3 S Water Quality Anal & Trtmt	Engineering Technical Elective -3	Tech Elective - 3			Arts & Humanities - 3	15
		Overall gpa	0.000					TOTAL	130
		M/S/E gpa	0.000						