



METROPOLITAN STATE UNIVERSITYSM
OF DENVER

College of Professional Studies

Environmental Engineering, B.S.

Minor (not required)

Fall 2018 Catalog Year

First Year		
Fall: 15 Credits	ENV 1200 (3) Introduction to Environmental Sciences	
	MTH 1410 (4) Calculus I	
	CHE 1800 (4) General Chemistry AND	
	CHE 1801 (1) General Chemistry Laboratory	
	Written Communication (3)	
Spring: 17 Credits	MTH 2410 (4) Calculus II	
	BIO1080 (3) General Biology I AND	
	BIO1090 (1) General Biology I Laboratory	
	Arts & Humanities (3)	
	Social & Behavioral Sciences I (3) MC recommended	
	Written Communication (3)	

Third Year		
Fall: 16 Credits	SSE 3135 (4) Strength of Materials with Laboratory	
	MTH 3420 (4) Differential Equations	
	PHY 2331 (4) General Physics II AND	
	PHY 2341 (1) General Physics II Laboratory	
	Social and Behavioral Science II (3) GD Recommended	
Spring: 15 Credits	SSE 3160 (3) Mechanics of Dynamics Systems	
	Arts & Humanities (3)	
	Historical (3)	
	Approved Elective (3)	
	Approved Elective (3)	

Second Year		
Fall: 17 Credits	EVE 3000 (3) Concepts in Environmental Engineering	
	MTH 2420 (4) Calculus III	
	PHY 2311 (4) General Physics I AND	
	PHY 2321 (1) General Physics I Laboratory	
	CHE 1810 (4) General Chemistry II AND	
	CHE 1811 (1) General Chemistry II Laboratory	
Spring: 15 Credits	EVE 3320 (3) EIS in Engineering	
	SSE 1040 (3) Life Cycle & Systems Engineering -An Intro	
	SSE 1215 (3) Engineering Graphics - Solid Modeling	
	SSE 2150 (3) Mechanics of Statics Systems	
	Oral Communication (3)	

Fourth Year		
Fall: 18 Credits	SSE 3185 (3) Fundamental Fluid Mechanics	
	EVE 3400 (3) Engineered Water	
	EVE 4200 (3) Environmental Policy in Engineering	
	EVE 4420 (3) Wetland Studies	
	Approved Elective (3)	
	Approved Elective (3)	
	Spring: 15 Credits	SSE 4160 (3) Geotechnical Engineering
SSE 4610 (3) Capstone: Thesis in Sustainable Development		
EVE 4450 (3) Wood in Engineering		
GEL 3420 (3) Soil Resources		
Approved Elective (3)		