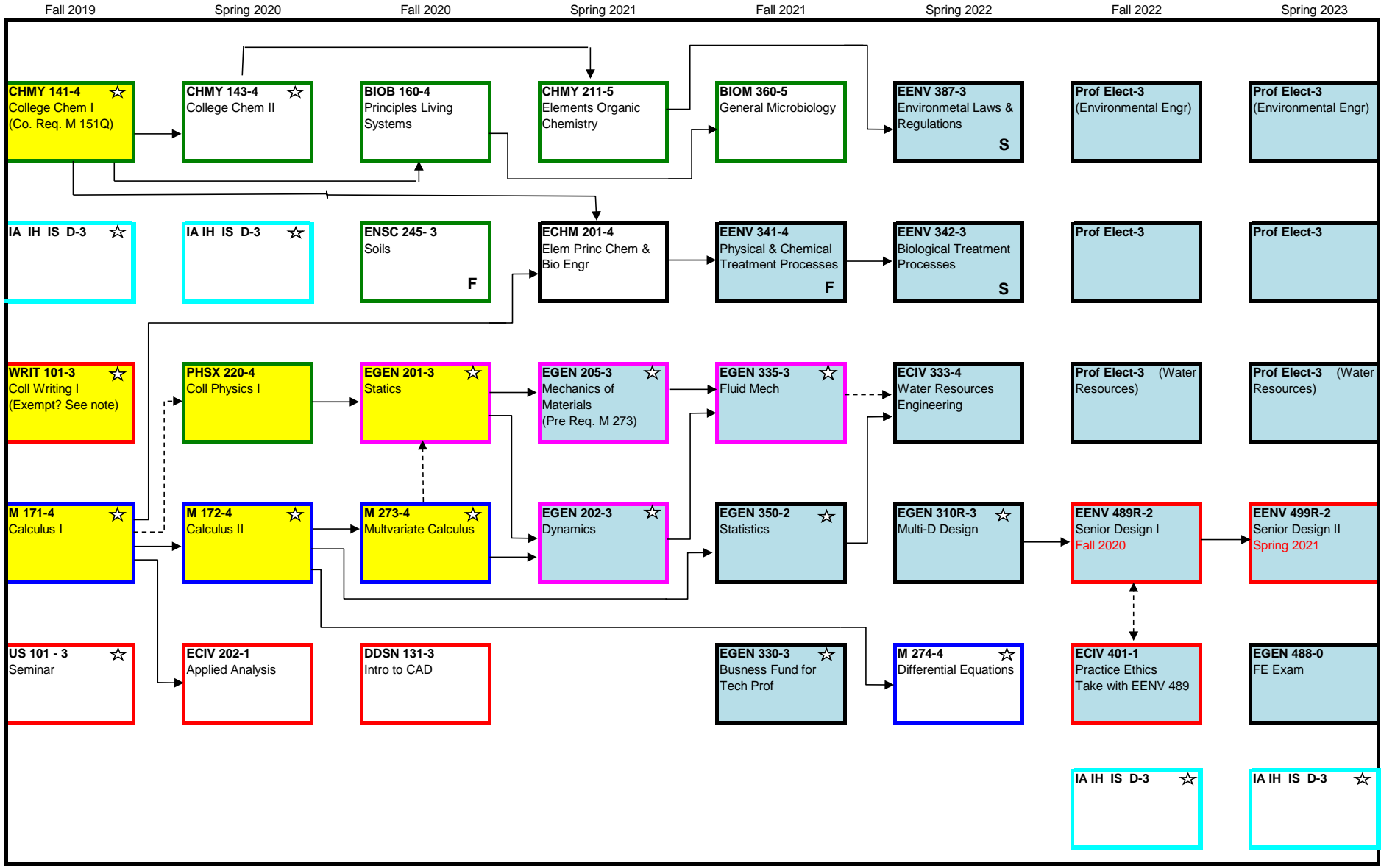


2019 - 2020 Catalog Degree: B.S. Environmental Engineering

1/4/2019



Pre-professional Block Courses
(Complete w/C- or better before taking Professional Block Courses)

Professional Block Courses

- Communication Content
- Science Content
- Math Courses
- "Cultural" Core
- Mechanics Courses

Seminar: US 101, CLS 101, COMX 111, HONR 201
(CLS 201US if >30 credits completed, in lieu of US 101)
WRIT 101 exempt? Substitute WRIT 201 or WRIT 221 or HONR 202

☆ Indicates Summer Offering

Student _____

ID - _____

Prerequisite →

Corequisite →

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F Fall Only

S Spring Only

2019-2020 Environmental Engineering Professional Electives (Total of 18 cr-hrs required)

	Rubric	No	Cr Hrs	Title	Offered	Prerequisite	
At least two of these	Water Resources Elective						
		ECIV	431	3	Open Channel Hydraulics	F	ECIV 333
		ECIV	435	3	Closed Conduit Hydraulics	S	ECIV 333
		EENV	432	3	Advanced Hydrology	F	ECIV 333
	EGEN	435	3	Fluid Dynamics	S	EGEN 335	
At least two of these	Environmental Engineering Elective						
		EENV	434	3	Groundwater Remediation	S	EGEN 335
		EENV	441	3	Natural Treatment Systems	S	EENV 342
		EENV	443	3	Air Pollution Control	F even	EENV 340 or EENV 341
	EENV	445	3	Hazardous Waste Treatment	F odd	EENV 340 or EENV 342	
	BIOE	370	3	General Ecology	F,S	BIOB 170	
	BIOE	428	3	Freshwater Ecology	F	BIOE 370	
	BIOM	430	4	Applied and Environmental Microbiology	S	BIOM 360	
	BIOM	452	3	Soil and Environmental Microbiology	S	CHMY 143, ENSC 245	
	DDSN	245	3	Civil Drafting	F,S	DDSN 131	
	ECIV	320	3	Geotechnical Engineering	F,S	EGEN 205	
	ECHM	405	3	Sustainable Energy	F	EMAT 251 and ECHM 307 or EMEC 320	
	EENV	440	3	Water Chemistry	F	EENV 340 or EENV 341	
	ENSC	353	3	Environmental Biogeochemistry	F	CHMY 143, ENSC 245	
	ENSC	407	3	Environmental Risk Assessment	F even	BIOB 170	
	ENSC	448	3	Stream Restoration Ecology	F	BIOB 170, BIOE 370	
	ENSC	460	3	Soil Remediation	S	ENSC 245	
	ENSC	461	3	Restoration Ecology	F	BIOB 170, BIOB 370	
	GPHY	384	3	Advanced GIS and Spatial Analysis	F,S	GPHY 284	
	EENV	490	1-4	Undergraduate Research	F,S,Su		
	ECIV	492	1-4	Independent Study	F,S,Su		
	ECIV	498	3 max	Career Internship	Su		
Maximum						A petitioned course.	
						A course from a completed minor.	
						A course from a prior/concurrent BS/BA degree.	
						A course from a completed Honors program.	