

APPROVED BY GRADUATE AND PROFESSIONAL STUDIES COUNCIL

UNIVERSITY OF HOUSTON ENVIRONMENTAL ENGINEERING DEGREE PLAN

Date: _____

Name: _____ SSN: _____

Full/ Time Thesis/Non-Thesis Engineer/Non-Engineer

Leveling Courses (Non-Engineer)

Cr. Hrs.	Course	Semester	Grade
	CIVE 2330 Mechanics I		
	CIVE 2331 Mechanics II		
	CIVE 2332 Mechanics of Deformable Bodies		
	CIVE 3434 Fluid Mechanics and Hydraulic Engineering		
	ELEE 2336 Electrical Circuits and Systems		
	ENGI 2334 Thermodynamics		

*MECE 3400 may substitute for CIVE 2330, CIVE 2331, and CIVE 2332 with director's permission.

Required Courses (All Environmental Engineering Students)

Cr. Hrs.	Course	Semester	Grade
	CIVE 6111 Environmental Engineering Seminar		
	CIVE 6111 Environmental Engineering Seminar		
	CIVE 6361 Engineering Hydrology ¹		
	CIVE 6377 Environmental Chemistry		
	CIVE 6391 Engineering Microbiology		
	CIVE 6378 Principles of Environmental Modeling		

Required Courses (Thesis Students Only)

Cr. Hrs.	Course	Semester	Grade
	CIVE 6399 M.S. Thesis I		
	CIVE 7399 M.S. Thesis II		

Approved Electives

Cr. Hrs.	Course	Semester	Grade
	CIVE 6381 Biological Processes for WW Treatment		
	CIVE 6387 Physiochemical Treatment Processes		
	CIVE 6388 Solid and Hazardous Waste Treatment		
	CIVE 6390 Municipal Drinking Water Treatment		
	CIVE 7332 Underground Contaminant Transport		
	CIVE 7372 Geotechnical Practice in Waste Disposal		
	CIVE 7397 Hazardous Waste Management and Risk Assessment		
	CIVE 7397 Bioremediation Laboratory		
	CIVE 7397 Engineering Geographical Information Systems		
	ENVR 5332 (UHCL) Environmental Law		
	Total Hours	GPA	

Approved, Advisor, Date

Approved, Director, Date

- Thesis Students 24 hrs + 6 hrs thesis + 2 hrs seminar = 32 hrs; 6 hrs of electives must be in CIVE
- Non-Thesis Students 30 hrs + 2 hrs seminar = 32 hrs; **12 hrs of electives must be in CIVE**
- Full-Time Load 12 hrs; 9 hrs summer
- Minimum GPA 3.00
- Electives All electives require advisor approval.
- Notes ¹Course name to change to "Engineering Hydrology" from "Groundwater Hydrology"