

Ph.D. in Engineering with Emphasis in Environmental and Water (Entering with BS Degree)

Curriculum Checklist

Please refer to the program of study website below as your reference for course selection.

<https://engineering.uga.edu/phd-engineering/environment-and-water>

Student Name: _____

Student ID (810/811): _____ First Term of Enrollment: _____

The Ph.D. in Engineering with Emphasis in Environmental & Water requires a minimum of 72 credit hours in the Program of Study beyond B.S. degree or a minimum of 42 credit hours beyond M.S. degree.

*** I already have MS Degree:**

- Yes: Please use the “Ph.D. in Engineering with Emphasis in Environmental and Water (Entering with MS Degree)” checklist.
- No

Subject/ Number		Hours	Title	Semester	Approved Elective (Y/N)	Graduate only course (Y/N)	Need Course Sub. (Y/N)
Required Courses	ENGR 8950	1	Graduate Seminar*			Y	
	GRSC 7001	1	GradFIRST Seminar (UGA required)				
Environ. and Water Courses (9 credit hours)							
Additional 8000 and 9000 Electives (10 credit hours)							
Research Courses	ENGR 9000	49	Doctoral Research	List Semesters and Credit Hours:			
	ENGR 9010		Project-Focused Doctoral Research	List Semesters and Credit Hours:			
	ENGR 9300	3	Doctoral Dissertation	List Semesters and Credit Hours:			
Total Credit Hours			Notes 1. A minimum of 16 semester hours of coursework, which must include: - At least 15 hours of 8000- and 9000- level courses of which 9 hours must be selected from the Environmental and Water Course List. - 1 hour of ENGR 8950 , Graduate Seminar (*Only up to 3 hours of ENGR 8950 may apply on the Program of Study) 2. A minimum of 23 Doctoral Research hours (ENGR 9000 Doctoral Research or ENGR 9010 Doctoral project-focused research for students with an M.S.).				

		<p>3. For direct admit students (entering without MS), an addition of 4 credit hours of coursework and 26 credit hours of research courses is required.</p> <p>4. 3 hours of ENGR 9300 Doctoral Dissertation</p> <p>If you need course substitution, please complete and attach course substitution form. Course substitute form can be found at: https://engineering.uga.edu/students/graduate/ph-d-milestones-and-forms/</p>
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Comments:

Major Professor Signature: _____ Date: _____

Graduate Coordinator Signature: _____ Date: _____

UGA CENGR Ph.D. in Engineering with Emphasis in Environmental and Water Emphasis

ENVIRONMENTAL AND WATER EMPAHSIS COURSE LIST

- ENVE 8450 Design for Rapid Change: Food, Energy, and Water
- ENGR 8103 Computational Engineering
- CVLE 8110 Environmental River Mechanics
- CRSS(GEOL) 8710Watershed-Scale Modeling
- CVLE 8140 Mixing & Transport
- ENGR 8103 Computational Engineering
- CVLE(MCHE) 8160 Advanced Fluid Mechanics
- GEOL(WASR) 8740 Hydrologic Flow and Transport Modeling
- MARS 8030 Physical Oceanography
- MARS 8100 Estuarine and Coastal Oceanography
- MARS 8150 Ocean Waves
- MARS 8510 Modeling Marine Sys
- WASR 8200 Hillslope Hydrology
- CHEM 8880 Nanomaterials: Engineering and Characterization