Name			Civil & Environmental Engineering Thesis Master's Degree Program Plan (2016)				
Student #						,	
Admitted Quarter / Year			ı	Hvdrology	& Hydrodyna	ımics	
Faculty Advisor (Print)			•	yu.o.ogy	a riyar oayila		
Qtr/Yr Credits	Qtr/Yr	Credits	Qtr/Yr	Credits	Qtr/Yr	Credits	
QTR CREDITS	QTR CREDITS		QTR CRED	ITS	QTR CREDITS		
Faculty Advisor	Ad	dditional _f	Student	vou will be registeri	ing for more than 4 quar	ters. -	
Degree Requirements 42 Total Credits are Required							
☐ Minimum 31 coursework credi	ts		☐ Minimum 18 cre	edits 500 level cour	sework (not counting se	minars)	
2 CEE 500 Seminar credits to include:			☐ Minimum 18 credits numerically graded (400-500 level coursework)				
1 credit Dept. Seminar + 1 credit ENV/Water Seminar			499 credits do not count toward a graduate degree				
9 Thesis credits (CEE 700)			Classes 300 or below do not count toward a graduate degree				
☐ Minimum 15 credits 400-500 level <u>CEE courses</u> ☐ All CEE courses taken for a numeric grade (except seminars		□ 3.0 minimum cumulative GPA□ 2.7 minimum grade for a class to count					
All CEE Codises taken for a num	mene grade (except seminal	3	2.7 minimum gra	ade for a class to co	ount		
Up to 6 graduate level quarter credits are possible to transfer if credits were not required for another degree (verification required) and course was taken in CEE at UW or equivalent course from another accredited institution. An official transcript will be required by the Graduate School if course was not taken at UW. Approval by faculty advisor is required.							
Submit your approved Progra made as needed. Students are audit until you have applied to	e responsible for insuring all						

Revised: October 21, 2016

Civil & Environmental Engineering Thesis Master's Degree Program Plan - 2016

Hydrology and Hydrodynamics

Program Requirements

All Hydrology and Hydrodynamics students are expected to take all of the Core courses listed below. The program electives are organized according to three tracks: <u>Hydrology (HL)</u>, <u>Hydrodynamics (HD)</u> and <u>Fate and Transport (FT)</u>.

Two credits of CEE 500 Seminars are required for all tracks, to include:

CEE 572 Water Wave Mechanics for Coastal Eng., 4 cr (HD)

CEE 574 Advanced Hydrology 3 cr, (HL)
CEE 577 Water Quality Management 3 cr, (FT)

- 1 CR CEE ENVIR/Water Seminar
- 1 CR CEE 500 Departmental Seminar

Core Courses (21 Credits)				
☐ CEE 551 Chemical Fate and Transport (3) AUT ☐ CEE 599 Physical Hydrology (4) AUT ☐ CEE 599 Data Analysis in Water Sciences (4) AUT ☐ CEE 475 Analysis Techniques for groundwater flow (3) WIN	 □ CEE 599 Hydraulics of Sediment Transport (4) SPR □ CEE 599 Quantitative Water Management (3) WIN <u>Or</u> □ CEE 578 Water Resources Management & Ops (3) SPR 			
Program Electives	Other Electives			
Autumn 2016 CEE 424 GIS for Civil Engineers 3 cr, (HL) CEE 462 Applied Limnology 3 cr, (FT) CEE 483 Drinking Water Treatment 3 cr, (FT) CEE 540 Microbial Process Fundamentals 3 cr, (FT) CEE 543 Aquatic Chemistry 4 cr, (FT) CEE 599 Satellite Remote Sensing for Water Res. 3 cr, (HL) Winter 2017 CEE 481 Hydraulic Design for Env Engrs 3 cr, (HL) CEE 482 Wastewater Treatment & Reuse 3 cr, (FT) CEE 545 Environmental Organic Chemistry 3 cr, (FT) CEE 573 Snow Hydrology 3 cr, (HL)	□ AA 543 Computational Fluid Dynamics 3 cr, (HD) □ ESS 421 Remote Sensing 4 cr, (HL) □ ESS 426 Fluvial Geomorphology 5 cr, (HL) □ ME 543 Fluid Turbulence 3 cr, (HD) □ OCEAN 511 Fluid Dynamics 4 cr, (HD) □ OCEAN 512 Geophysical Fluid Dynamics 4 cr, (HD) □ SEFS 507 Soils and Land Use Problems 4 cr, (FT, HL) □ SEFS 520 GIS 5 cr, (HL) □ URBDP 598 Floodplain Management 3 cr, (HL) Refer to UW Time Schedule or the offering department for details regarding courses outside CEE.			
☐ CEE 599 Open Channel Flow 4 cr, (HD) Spring 2017 ☐ CEE 549 Adv. Topics in Env. Engr., Chem, & Bio 3 cr, (FT)				
CEE 570 Hydrodynamics 4 cr, (HD) CEE 550 Environ Chemical Modeling 3 cr. (FT) Note: Program Flectives not offered 2016-2017				

Civil & Environmental Engineering

Thesis Master's Program - 2016

Hydrology and Hydrodynamics

	Checklist			
First (Quarter			
	By the end of your first quarter submit approved Program Plan to the Graduate Advising Office, 201 More Hall.			
Final Quarter				
	Maintain registration quarter of graduation.			
	Read Graduate School master's degree requirements and policies at: http://grad.uw.edu/policies-procedures/masters-degree-policies/			
	Review Graduate School Dates and Deadlines: http://grad.uw.edu/for-students-and-post-docs/dates-and-deadlines/			
	Submit Master's Degree Request by deadline at: http://grad.uw.edu/for-students-and-post-docs/mygrad-program/			
	Read procedures regarding electronic thesis submission: http://grad.uw.edu/for-students-and-post-docs/thesisdissertation/			
	Notify Graduate Advisor of the details of your master's defense (time, date, and location). Send a brief abstract with title to Graduate Advising Office at least one week prior to defense.			
	Electronically Submit thesis and approval form to the Graduate School by 11:59 PM the last day of the quarter. If you have minor format edits to make that cannot be completed by the deadline, you may be eligible to pay the \$250 Registration Waiver Fee for a two week extension. See Graduate School website for eligibility and instructions regarding the Registration Waiver Fee: https://grad.uw.edu/policies-procedures/general-graduate-student-policies/graduate-registration-waiver-fee/			
	If you will not be continuing to the PhD, submit CEE Final Check-out form to the Graduate Advising Office, and online CEE Exit Survey prior to leaving the department. These forms are available on our website at: http://www.ce.washington.edu/students/masters.html			

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