

Civil & Environmental Engineering
Master's Degree Program Plan (2016)
Research/Thesis Option

Geotechnical Engineering

Name
Student #
Admitted Quarter / Year
Faculty Advisor

Autumn Qtr	Credits	Winter Qtr	Credits	Spring Qtr	Credits	Summer Qtr	Credits
QTR CREDITS		QTR CREDITS		QTR CREDITS		QTR CREDITS	

TOTAL CREDITS = _____

Student	Date	Faculty	Date
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General Degree Requirements

- | |
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| <input type="checkbox"/> 32 credits of course work
<input type="checkbox"/> 1 credit of CEE 500 Departmental Seminar
<input type="checkbox"/> 9 credits minimum of CEE 700, Master's Thesis
<p style="text-align: center;">42 Credits Required</p> |
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Specific Degree Requirements

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> All CEE courses (except seminars) taken for a numeric grade (others may be S/NS)
<input type="checkbox"/> Minimum 18 credits 500-level coursework (not counting seminars)
<input type="checkbox"/> Minimum 18 credits numerically graded 400-500 level coursework (can overlap with the 18 credits at 500-level)
<input type="checkbox"/> Minimum 3 credits outside Geotech (can be CEE) | <input type="checkbox"/> Maximum 6 credits of <i>approved</i> transfer credits
<input type="checkbox"/> 3.0 minimum cumulative GPA in all geotechnical courses
<input type="checkbox"/> 3.0 minimum cumulative overall GPA
<input type="checkbox"/> 2.7 minimum grade to receive course credits
<input type="checkbox"/> 499 independent study credits do not count
<input type="checkbox"/> Classes 300-level or below do not count toward a graduate degree |
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Submit your approved Program Plan to the Graduate Advising Office, 201 More Hall, by the end of your first quarter. Updates may be made as needed. Students are responsible for insuring all degree requirements are met. The Advising Office does not conduct a degree audit until you have applied to graduate.

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Core Geotechnical Program:

- CEE 500 Departmental Seminar, 1 CR
- CEE 527 Advanced Geotechnical Laboratory, 4 CR (AUT)
- CEE 599 Structural Mechanics, 4 CR (AUT)
- CEE 599 Advance Soil Mechanics, 4 CR (AUT)
- CEE 502 Structural Dynamics, 3 CR (WIN)
- CEE 599 Computational Geomechanics, 4 CR (WIN)
- CEE 599 Advanced Foundation Engineering, 4 CR (WIN)
- CEE 599 Geotechnical Earthquake Engineering, 4 CR (SPR)
- CEE 599 Geological Engineering & Rock Mechanics, 4 CR (SPR)
CEE 498 Geohazards, 3CR, *Not Offered 2016-2017*

This list of course offerings is subject to change. Please refer to the UW Time schedule as it becomes available for up-to-date information.

Students may also take classes outside the department, as long as the degree requirements are met, and the course plan is approved. Some other elective courses from the CEE department and outside the department are listed under the "Electives" section.

Electives:

- CEE 503 Materials Modeling, 3 CR (SUM)
- AA 540, 541 Finite Element Analysis I, II, 3 CR
- ARCH 574 Design and Construction Law, 3 CR
- AMATH 506 Applied Probability Statistics, 4 CR
- AMATH 581, 582, 583 Scientific Computing, 5 CR
- AMATH 584, 585, 586 Numerical Analysis, 5 CR
- ATSM 552 Objective Analysis
- ESS 512 Seismology
- ESS 522 Geophysical Data Collection and Analysis
- ESS 523 Geophysical Inverse Theory
- STAT 504, 506 Applied Regression, Applied Prob. and Stat
- STAT 512 Statistical Inference
- STAT 520 Spectral Analysis of Time Series

Check the UW Time Schedule or with offering departments for details regarding courses outside CEE.

Up to 6 quarter **transfer credits** are possible if credits were not required for another degree (verification required) and course was taken in CEE at UW or equivalent course from another institution. An official transcript is required if course was not taken at UW. Approval by faculty advisor is required.

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CHECKLIST

➤ ***Your First Quarter***

- Submit you approved program plan to the Graduate Advising Office, 201 More Hall by the end of your first quarter.

➤ ***Your Last Quarter***

- Read Graduate School master's degree requirements and policies at:
<http://grad.uw.edu/policies-procedures/masters-degree-policies/>
- Register for a minimum of 2 credits.
- 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/>
- In conjunction with your committee, arrange for your master's defense and notify Lorna Latal of details, sending a brief abstract at least one week before defense date. Deadline for defense is 5:00 PM the last day of the quarter.
- Electronically submit your thesis and approval form to the Graduate School by 11:59 pm the last day of the quarter. Note: You may be eligible to pay the \$250 Registration Waiver Fee in order to get a two week extension to turn in your thesis. However, your degree would not be conferred until the end of the following quarter. For more information go to:
<https://grad.uw.edu/policies-procedures/general-graduate-student-policies/graduate-registration-waiver-fee/>
- Submit the online **Final Check-out form** and **CEE Exit Survey**, available from the department website, prior to exiting the department. <http://www.ce.washington.edu/students/masters.html>