

Name
Student #
Admitted Quarter / Year
Faculty Advisor

**Civil & Environmental Engineering  
Non-Thesis Master's Program Plan (2016)  
Master's Degree Requirements**

**Geotechnical Engineering**

Autumn Qtr	Credits	Winter Qtr	Credits	Spring Qtr	Credits	Summer Qtr	Credits
<b>QTR CREDITS</b>		<b>QTR CREDITS</b>		<b>QTR CREDITS</b>		<b>QTR CREDITS</b>	

**TOTAL CREDITS = \_\_\_\_\_**

\_\_\_\_\_  
Student Date

\_\_\_\_\_  
Faculty Date

***Degree Requirements***  
**42 Total Credits are Required**

- |  |   |
|--|---|
| <input type="checkbox"/> Minimum 41 coursework credits                                   | <input type="checkbox"/> Maximum 3 credits of CEE 600                               |
| <input type="checkbox"/> 1 Credit CEE 500 Departmental Seminar                           | <input type="checkbox"/> 499 credits do not count toward a graduate degree          |
| <input type="checkbox"/> Minimum 18 credits 400 or 500 level CEE courses                 | <input type="checkbox"/> Classes 300 or below do not count toward a graduate degree |
| <input type="checkbox"/> All CEE courses taken for a numeric grade (except seminars)     | <input type="checkbox"/> 3.0 minimum cumulative GPA in all Geotechnical courses     |
| <input type="checkbox"/> Minimum 18 credits 500 level coursework (not counting seminars) | <input type="checkbox"/> 3.0 minimum cumulative GPA                                 |
| <input type="checkbox"/> Minimum 3 credits outside Geotech (can be CEE)                  | <input type="checkbox"/> 2.7 minimum grade for a class to count                     |

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.

*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.*

***Civil & Environmental Engineering***  
**Non-Thesis Master's Program**  
**Master's Degree Requirements (2016)**  
***Geotechnical Engineering***

**General Degree Requirements**

- 41 credits of coursework
- 1 credit of CEE 500 Departmental Seminar  
Note: Register for the seminar 1 quarter only. The seminar will hold approximately 9 total seminars throughout the academic year (AUT, WIN & SPR). A minimum of 7 seminars must be attended to receive credit. A grade will be posted at the end of Spring quarter.

**42 Total Credits are Required**

**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 Advanced 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, 3 CR, *Not offered 2016-2017*

*The 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 with offering departments or UW Time schedule for details regarding courses outside CEE.

***Civil & Environmental Engineering***  
**Non-Thesis Master's Program - 2016**

***Geotechnical Engineering***

**CHECKLIST**

➤ ***Your First Quarter***

- Meet with your faculty advisor and have your program plan approved.
- Turn in your approved Program Plan to the Graduate Advising Office, 201 More Hall, prior to the end of your first quarter.

➤ ***Your Last Quarter***

- Review Graduate School Dates and Deadlines: <http://grad.uw.edu/for-students-and-post-docs/dates-and-deadlines/>
- Submit the online Master's Degree Request at: <http://www.grad.washington.edu/mygrad/student.htm> by posted deadline
- Update your Program Plan if needed and submit to the Graduate Advising Office
- Submit signed Master's Degree Warrant to Graduate Advising Office by Wednesday of last week of the quarter
- Prior to leaving the department, submit online **Final Checkout** form and **CEE Exit Survey**, available online: <http://www.ce.washington.edu/students/masters.html>
- Allow 3-4 months for your diploma to arrive. Update your mailing address in MyUW if necessary