

A Pre-Engineering Courses

Mathematics - one year of calculus plus three additional courses:

- Calculus: Math 124/125/126
- Differential Equations: Math 307
- Matrix (Linear) Algebra, Math 308
- Statistics: Ind E 315 or Stat 390

Science - one year of calculus-based physics and two courses in chemistry:

- Physics 121
- Physics 122
- Physics 123
- Chem 142
- Chem 152

Engineering Fundamentals - 5 courses:

- AMATH 301 (or CSE 142)
- Statics: A A 210
- Mechanics of Materials: CEE 220
- Dynamics: M E 230
- One course from the following:
 - M E 123, Computer Graphics
 - MSE 170, Fund Material Sci
 - E E 215, Intro Elec Engr
 - IND E 250, Engr Economics
 - IND E 280, Intro to Syst Engr
 - CHEM E 260*, Thermodynamics-
*recommended for Envir and Water Res

Writing - 3 courses

- English Comp: ENGL 131
- Technical Writing: T C 231
- CEE 363 or other W-course

I & S and VLPA - 24 crs:

- ECON 200/IND E 250 (4-5 cr)
- I & S Elective (5 cr)
- VLPA Electives (10 cr)
- I & S or VLPA (4 cr)

Name	Student #
Faculty Adviser	Area
<input type="checkbox"/> Thesis Option <input type="checkbox"/> Non-thesis Option <input type="checkbox"/> Non-thesis Internship Option	

Incoming Degree	Degree goals		
↓	<input type="radio"/> MS	<input type="radio"/> MSE	<input type="radio"/> MSCE
<input type="radio"/> BSCE			D
<input type="radio"/> BS other engr deg		D	C, D
<input type="radio"/> Non-engr degree	D	A, B, D	A, C, D

Requirements:
 A = all pre-engineering courses
 B = all required program courses
 C = all CEE 300-level courses
 D = 400-level and graduate classes listed below and approved by your faculty adviser

Master's Degree Program Plan & Degree Audit

Transportation and Construction

B MSE Program Courses

- The following course:*
- CEE 441, Trans/Const Capstone
- Four of the following:*
- CEE 306, Const Engr
 - CEE 316, Surveying Engr
 - CEE 320, Trans Engr
 - CEE 363, Const Materials
 - CEE 366, Soil Mechanics

C CEE 300-Level Courses

- CEE: 306, 316, 320, 342, 345, 350, 363, 366, 379, 380, 390, 391, 392.

D Program Plan

- 3 credits of CEE 500, Seminar

_____ Qtr credits	_____ Qtr credits	_____ Qtr credits

Changes to this Program Plan must be submitted to the Graduate Advising Office prior to graduation.

5/08

Student _____ date _____ Faculty Adviser _____ date _____

Master's Thesis Option

- 30 credits of course work (15 credits of 500 level)
- 3 credits (maximum) CEE 500, Seminar
- 9 credits of CEE 700, Master's Thesis

42 credits

- CEE 600, Independent Study/Research not allowed
- Thesis Defense approved by committee, no Thesis credits from another department counted

Master's Non-thesis Option

- 36 credits of course work (18 credits of 500 level)
- 3 credits (maximum) CEE 500, Seminar
- 3 credits (maximum) CEE 600, Research Paper (minimum 3.0 grade required)

42 credits

Master's Non-thesis Internship Option

- 30 credits of course work (15 credits of 500 level)
- 3 credits (maximum) CEE 500, Seminar
- 3 credits (maximum) CEE 600, Research Paper (minimum 3.0 grade required)
- 6 credits CEE 601, Internship

42 credits

Transportation Only:

- CEE 320 or its equivalent is required.
- STAT 390 or IND E 315 required (can count as 3 credit minimum outside CEE department). CEE 320 is the only other approved 300 level class.
- One from: CEE 491, 492, 584; ECON 482; GEOG 426; IND E 424, 521; STAT 421, 423, 486; or other quantitative class approved for your research by your faculty adviser.

Transportation and Construction:

- 15 credits minimum 400-500 level taken within the CEE department (and CM if construction student).
- All CEE classes (and CM classes, if construction student), except seminars, taken for a numeric grade.
- 18 credits minimum taken for a numeric grade (400-500 level).
- 3.0 minimum cumulative GPA.
- 2.7 minimum grade for a class to count.
- 498 and 499 do not count for graduate credit.
- 6 credits maximum of *approved* transfer credits.
- 6 years maximum to complete degree (including time spent On-Leave).

First Quarter: ➤ By the end of your first quarter submit approved Program Plan to the Graduate Advising Office, 201 More Hall.

Final Quarter: ➤ Read: <http://www.grad.washington.edu/stsv/mastersinfo.htm>
➤ Non-thesis option students identify topic and begin research.
➤ Register for a minimum of 2 credits. Non-thesis students sign up for 3 credits of CEE 600.
➤ By 7th week (6th week Summer) submit *Master's Degree Request* at: <http://www.grad.washington.edu/stsv/mastapp.htm>
➤ By 7th week arrange for your master's defense with your committee and notify Lorna Latal of time, date, and location.
➤ By 8th week (6th week Summer) pick up your Masters Warrant and Final Check-Out form from the Graduate Advising Office, 201 More Hall.
➤ Non-thesis option students make a presentation to all division faculty.
➤ No later than 3 days before end of quarter return your signed Warrant and Final Check-Out form to Graduate Advising Office.

Thesis Option: ➤ Read information regarding thesis style specifications: <http://grad.washington.edu/area/thesissubmittips.html>
➤ Take thesis to the Graduate School for a preliminary review.
➤ Before the last day of the quarter pay a \$25 binding fee at 129 Schmitz..
➤ By 4:00 pm the last day of the quarter take 2 copies of your thesis to the Graduate Student Services Office.