

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 or 318
- Statistics: IND E 315 or Stat 390

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

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

Engineering Fundamentals - 5 courses:

- AMATH 301 (or CSE 142)
- Statics: AA 210
- Mechanics of Materials: CEE 220
- Dynamics: ME 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
 AA 260, Thermodynamics

Other Requirements

- HCDE 231, Intro to Technical Writing
- ECON 200 or IND E 250

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

A = pre-engineering courses
 B = required program courses
 C = CEE 300-level courses
 D = courses approved by faculty advisor

Master's Degree Program Plan & Degree Audit

Transportation

B MSE Program Courses

The following courses:

- CEE 316, Surveying Engr
- CEE 320, Trans Engr
- CEE 363, Const Materials
- CEE 366, Soil Mechanics
- CEE 441, Trans/Const Capstone

C CEE 300-Level Courses

CEE: 306, 316, 320, 342, 345, 350, 360, 363, 366, 379, 380, 391, 392 (AMATH 301 may substitute for 392)

D Program Plan

_____ Qtr credits	_____ Qtr credits	_____ Qtr credits

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

Student	Date	Faculty Adviser
Date	Date	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

Exclusions:
CEE 600, Independent Study/Research not counted.
Thesis credits from another department not counted.

Master's Coursework-only Option

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

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
- 6 credits CEE 601, Internship

42 credits

Degree Requirements

- 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.
- 15 credits minimum 400-500 level taken within the CEE department.
- All CEE classes, except seminars, taken for a numeric grade.
- 18 credits minimum taken for a numeric grade (400-500 level).
- Minimum 3.0 grade required for CEE 600, Research Report
- 3.0 minimum cumulative GPA.
- 2.7 minimum grade for a class to count.
- Courses numbered 498 and 499 do not count for graduate credit.
- 6 credits maximum *approved* transfer credits. Transfer credits cannot have counted toward a previous degree. Documentation is required.
- 6 years maximum to complete degree (including time spent On-Leave).

First Quarter:

- Meet with your faculty advisor to have your Program Plan approved and submit it to the Graduate Advising Office, 201 More Hall by the end of your first quarter.

Final Quarter:

- Read Graduate School information for master's students at: <http://www.grad.washington.edu/students/masters/index.shtml>
- Register for a minimum of 2 credits.
- Submit *Master's Degree Request* by deadline at: <http://www.grad.washington.edu/mygrad/student.htm>

Course Work Only Option:

- By 8th week (6th week Summer) pick up your Masters Warrant, Final Check-Out and Exit Questionnaire forms from Graduate Advising Office, 201 More Hall.
- No later than 3 days before end of quarter return your signed Warrant, Final Check-Out and Exit Questionnaire forms to Graduate Advising Office.

Thesis Option:

- Read information regarding procedures for thesis submission: <http://www.grad.washington.edu/students/thesis-dissertation/index.shtml>
- In conjunction with your committee, arrange for your master's defense and notify Lorna Latal of details, sending abstract at least one week before defense date.
- Email Title and Signature pages to the Graduate School for a preliminary review by deadline.
- Before the last day of the quarter pay a \$25 binding fee at 129 Schmitz Hall.
- By 5:00 pm the last day of the quarter take 2 copies of your thesis to the Graduate School.