

# CIVIL & ENVIRONMENTAL ENGINEERING DEPARTMENT

## MS Program of Study

Student must complete by end of 4<sup>th</sup> week of 2<sup>nd</sup> quarter of enrollment and return completed form to Boelter Hall 5732-A or Mimi's mailbox. Contact Mimi at [mimi@seas.ucla.edu](mailto:mimi@seas.ucla.edu) or 310-825-1851.

Name (Last, First): \_\_\_\_\_

Date: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

UID#: \_\_\_\_\_

Faculty Advisor: \_\_\_\_\_

Type:  New  Revised

Quarter & Year of Expected Graduation: \_\_\_\_\_

Track:  Comp  Thesis

### Select Major Field:

- |   |  |
|---|--|
| <input type="checkbox"/> Transportation Engineering                 | <input type="checkbox"/> Geotechnical Engineering                |
| <input type="checkbox"/> Civil Engineering Materials                | <input type="checkbox"/> Environmental Engineering               |
| <input type="checkbox"/> Structures and Civil Engineering Materials | <input type="checkbox"/> Hydrology & Water Resources Engineering |
| <input type="checkbox"/> Structural Mechanics                       | <input type="checkbox"/> Structural/Earthquake Engineering       |

### General Requirements

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>○ <b>Must complete 9 courses toward MS Degree</b><ul style="list-style-type: none"><li>- 5 of 9 courses must be at 200-level</li><li>- Majority of courses must be within CEE</li><li>- If you are required to take prerequisites, these courses cannot count toward the 9 required courses. Prereqs may be taken S/U.</li><li>- CEE 200 cannot count toward 9 courses</li><li>- 500-level courses do not count toward 9 except for thesis track students</li><li>- MS Thesis students will complete at least 7 courses plus 2 598 courses.</li><li>- MS Thesis students should also enroll in CEE 296 under their thesis advisor each quarter.</li><li>- Enrollment in electives outside of the list provided in the CEE Program Requirements must be pre-approved by your faculty advisor.</li><li>- 300 &amp; 400-level may only count as electives</li><li>- Enrollment in courses not counting toward MS Degree are recommended to be completed S/U and not for a letter grade.</li></ul></li><br/><li>○ <b>Seminar (CEE 200)</b><ul style="list-style-type: none"><li>- Students are required to enroll in seminar each quarter of the MS program.</li><li>- Be sure to enroll in the correct section.<ul style="list-style-type: none"><li>Section 1: Struc, Geo, CV Mat, Transpo</li><li>Section 2: Environ. &amp; Water Resources</li></ul></li></ul></li></ul> | <ul style="list-style-type: none"><li>○ <b>Must enroll in at least 12 units each quarter</b><ul style="list-style-type: none"><li>- If you are receiving a department fellowship or are hired as a GSR or TA, you must enroll in at least 12 units.</li><li>- If you are pursuing program part-time you must notify your faculty advisor, the CEE SAO, and you must still enroll in at least 12 units by enrolling in CEE 597A (comp track) or CEE 598 (thesis track) under your faculty advisor. CEE 596 is also permissible.</li></ul></li><br/><li>○ <b>If hired as a CEE TA...</b><ul style="list-style-type: none"><li>- TAs must enroll in CEE 375 in the quarter for which they are a TA. (25% TA = 2 units, 50% TA = 4 units)</li><li>- If you are a TA during Fall quarter, you must also enroll in CEE 495.</li></ul></li></ul> |
|--|---|

### Helpful Websites

Registrar: [www.registrar.ucla.edu](http://www.registrar.ucla.edu)  
*Schedule of Classes, Academic Calendar,  
Course Descriptions, Tuition/Fees*

CEE Program Requirements:  
<https://www.cee.ucla.edu/graduate-student-resources/>

MyUCLA: <http://my.ucla.edu/>

# MS Program of Study

TERM & YEAR: \_\_\_\_\_

TERM & YEAR: \_\_\_\_\_

#	Course Number (i.e. C&EE 236)	Required or Elective	Units
1			
2			
3			
4			
5	<i>C&amp;EE 200</i>	<i>Required</i>	<i>2</i>
<b>TOTAL UNITS:</b>			

#	Course Number (i.e. C&EE 236)	Required or Elective	Units
1			
2			
3			
4			
5	<i>C&amp;EE 200</i>	<i>Required</i>	<i>2</i>
<b>TOTAL UNITS:</b>			

TERM & YEAR: \_\_\_\_\_

TERM & YEAR: \_\_\_\_\_

#	Course Number (i.e. C&EE 236)	Required or Elective	Units
1			
2			
3			
4			
5	<i>C&amp;EE 200</i>	<i>Required</i>	<i>2</i>
<b>TOTAL UNITS:</b>			

#	Course Number (i.e. C&EE 236)	Required or Elective	Units
1			
2			
3			
4			
5	<i>C&amp;EE 200</i>	<i>Required</i>	<i>2</i>
<b>TOTAL UNITS:</b>			

TERM & YEAR: \_\_\_\_\_

TERM & YEAR: \_\_\_\_\_

#	Course Number (i.e. C&EE 236)	Required or Elective	Units
1			
2			
3			
4			
5	<i>C&amp;EE 200</i>	<i>Required</i>	<i>2</i>
<b>TOTAL UNITS:</b>			

#	Course Number (i.e. C&EE 236)	Required or Elective	Units
1			
2			
3			
4			
5	<i>C&amp;EE 200</i>	<i>Required</i>	<i>2</i>
<b>TOTAL UNITS:</b>			

**After filling out this form, the student will obtain Faculty Advisor and personal signatures before returning form to Boelter 5732A or CEE SAO mailbox.**

**(Do not write in below box)**

\_\_\_\_\_  
Faculty Advisor Signature Date

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

\_\_\_\_\_  
Student Affairs Officer Signature Date

**CIVIL & ENVIRONMENTAL ENGINEERING DEPARTMENT**

**MS Program of Study  
Sample M.S. Course Plans**

**Overview**

These sample M.S. course plans are provided as a guide to help you develop your M.S. Program of Study.

**Resources**

Students should refer to the below websites for current Civil and Environmental Engineering program requirements and up-to-date course scheduling information as information is subject to change.

CEE Program Requirements: [Civil Engineering | UCLA Graduate Programs](#)

Online Schedule of Classes: <https://sa.ucla.edu/ro/public/soc>

**Questions**

Students should direct questions regarding changes to your plan, selecting electives, etc. to your faculty advisor. Students should direct questions regarding policy, scheduling, M.S. program requirements, etc. to Mimi at [mimi@seas.ucla.edu](mailto:mimi@seas.ucla.edu).

**Geotechnical Engineering**

Fall 2023			Winter 2024			Spring 2024		
Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units
CEE 220	R	4	CEE 225	R	4	CEE 221	R	4
Elective	E	4	Elective	E	4	CEE 223	R	4
Elective	E	4	Elective	E	4	Elective	E	4
CEE 200-1	R	2	CEE 200-1	R	2	CEE 200-1	R	2
<b>Total</b>		<b>14</b>	<b>Total</b>		<b>14</b>	<b>Total</b>		<b>14</b>

*See Civil and Environmental Engineering Program Requirements website for more information on electives.*

**Civil Engineering Materials**

Fall 2023			Winter 2024			Spring 2024		
Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units
CEE 266* or Elective	R/E	4	CEE C204	E	4	CEE 258A* or Elective	R/E	4
Elective	E	4	Elective	E	4	CEE 261B* or Elective	R/E	4
Elective	E	4	Elective	E	4	Elective	E	4
CEE 200-1	R	2	CEE 200-1	R	2	CEE 200-1	R	2
<b>Total</b>		<b>14</b>	<b>Total</b>		<b>14</b>	<b>Total</b>		<b>14</b>

*See Civil and Environmental Engineering Program Requirements website for more information on electives.*

*\*Students must take at least two from CEE C204, C205, 226, 253, 258A, 261B, M262A, 263A, 266, 267.*

## Sample M.S. Course Plans

### Environmental Engineering

Fall 2023			Winter 2024			Spring 2024		
Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units
CEE 254A	R	4	CEE 255A	R	4	Elective	E	4
CEE 266	R	4	CEE 255B	R	4	Elective	E	4
CEE 250A* or Elective	R/E	4	CEE 250B* or CEE 250C* or Elective	R/E	4	CEE 250D* or Elective	R/E	4
CEE 200-2	R	2	CEE 200-2	R	2	CEE 200-2	R	2
	<b>Total</b>	<b>14</b>		<b>Total</b>	<b>14</b>		<b>Total</b>	<b>14</b>

*See Civil and Environmental Engineering Program Requirements website for more information on electives.*

*\* Students must take at least one from CEE 250A, 250B, 250C, 250D.*

### Hydrology & Water Resources Engineering

Fall 2023			Winter 2024			Spring 2024		
Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units
CEE 250A	R	4	CEE 250B	R	4	CEE 250D	R	4
CEE 254A* or CEE 266* or Elective	R/E	4	CEE 250C	R	4	Elective	E	4
Elective	E	4	CEE 255A* or CEE 255B* or Elective	R/E	4	Elective	E	4
CEE 200-2	R	2	CEE 200-2	R	2	CEE 200-2	R	2
	<b>Total</b>	<b>14</b>		<b>Total</b>	<b>14</b>		<b>Total</b>	<b>14</b>

*See Civil and Environmental Engineering Program Requirements website for more information on electives. \* Students must take at least one from CEE 254A, 255A, 255B, 266.*

### Transportation Engineering

Fall 2023			Winter 2024			Spring 2024		
Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units
CEE C281	R	4	CEE C285*	R	4	CEE C286	R	4
URBN PL 253 or URBN PL 255	R/E	4	URBN PL 254 <sup>†</sup>	R/E	4	URBN PL 251 or URBN PL 256	R/E	4
Elective	E	4	Elective	E	4	CEE 298 <sup>^</sup> (Autonomous Driving for New Mobility)	R/E	4
CEE 200-1	R	2	CEE 200-1	R	2	CEE 200-1	R	2
	<b>Total</b>	<b>14</b>		<b>Total</b>	<b>14</b>		<b>Total</b>	<b>14</b>

*See Civil and Environmental Engineering Program Requirements website for more information on electives.*

*\* Students must take CEE C285 or URBN PL 253.*

*<sup>^</sup> Students must take CEE 211 or 298 (Autonomous Driving for New Mobility)*

*<sup>†</sup> Students must take one course from URBN PL 251, 253, 254, 255, 256, or 258.*

## Sample M.S. Course Plans

### Structural Mechanics

Fall 2023			Winter 2024			Spring 2024		
Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units
CEE 232	R	4	CEE 235B	R	4	Elective	E	4
CEE 235A	R	4	CEE M237A	R	4	Elective	E	4
Elective	E	4	CEE 244	R	4	Elective	E	4
CEE 200-1	R	2	CEE 200-1	R	2	CEE 200-1	R	2
	<b>Total</b>	<b>14</b>		<b>Total</b>	<b>14</b>		<b>Total</b>	<b>14</b>

*See Civil and Environmental Engineering Program Requirements website for more information on electives.*

### Structural/Earthquake Engineering

Fall 2023			Winter 2024			Spring 2024		
Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units
CEE 235A	R	4	CEE 246	R	4	CEE 241* or Elective	R	4
CEE 243A* or Elective	R/E	4	CEE 235B* or CEE 245* or Elective	R/E	4	Elective	E	4
CEE C239	E	4	CEE 244* or Elective	R/E	4	Elective	E	4
CEE 200-1	R	2	CEE 200-1	R	2	CEE 200-1	R	2
	<b>Total</b>	<b>14</b>		<b>Total</b>	<b>14</b>		<b>Total</b>	<b>14</b>

*See Civil and Environmental Engineering Program Requirements website for more information on electives.*

*\* Students must take at least three from CEE 235B, 241, 243A, 244, 245.*

## Sample M.S. Course Plans

### Structures and Civil Engineering Materials – Mechanics Emphasis

Fall 2023			Winter 2024			Spring 2024		
Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units
CEE 235A	R	4	CEE C204	R	4	CEE C282	R	4
CEE 230A or CEE 243A	R	4	Elective	E	4	Elective	E	4
Elective	E	4	Elective	E	4	Elective	E	4
CEE 200-1	R	2	CEE 200-1	R	2	CEE 200-1	R	2
	<b>Total</b>	<b>14</b>		<b>Total</b>	<b>14</b>		<b>Total</b>	<b>14</b>

#### Elective Requirements

<i>Quarter Available</i>	<i>At least one from:</i>	<i>and</i>	<i>At least one from:</i>
<i>Fall</i>	<i>CEE 266, 253</i>		<i>CEE 232</i>
<i>Winter</i>	<i>CEE M230B</i>		<i>CEE M237A</i>
<i>Spring</i>	<i>CEE 258A, 261B</i>		

*See Civil and Environmental Engineering Program Requirements website for more information on electives.*

### Structures and Civil Engineering Materials – Structures/Earthquake Emphasis

Fall 2023			Winter 2024			Spring 2024		
Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units	Course Number	Required (R)/ Elective (E)	Units
CEE 235A	R	4	CEE C204	R	4	Elective	E	4
CEE 243A	R	4	Elective	E	4	Elective	E	4
Elective	E	4	Elective	E	4	Elective	E	4
CEE 200-1	R	2	CEE 200-1	R	2	CEE 200-1	R	2
	<b>Total</b>	<b>14</b>		<b>Total</b>	<b>14</b>		<b>Total</b>	<b>14</b>

#### Elective Requirements

<i>Quarter Available</i>	<i>At least one from:</i>	<i>and</i>	<i>At least one from:</i>
<i>Fall</i>	<i>CEE 266</i>		
<i>Winter</i>			<i>CEE 244, 245, 246</i>
<i>Spring</i>	<i>CEE 258A, 261B</i>		<i>CEE 241, 243B, 247</i>

*See Civil and Environmental Engineering Program Requirements website for more information on electives.*