

## Structural Engineering

Name	Year	Advisor
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MATHEMATICS & BASIC SCIENCE REQUIREMENTS (10 courses - all graded)					
Course	Check	Comments	Course	Check	Comments
MAT 103			PHY 103		
MAT 104			PHY 104		
MAT 201 or MAT 203			CHM 201 or CHM 207		
MAT 202 or MAT 204			COS 126		
MAE 305					

ENGINEERING SCIENCE REQUIREMENTS (9 of 10 courses - all graded)					
CEE 205	Check	Comments	ORF 245	Check	Comments
CEE 262A			CEE 303		
CEE 361			CEE 306 or CEE 307		
CEE 362					
2 of 3 below: CEE 308 or CEE 364 or CEE 365					

ENGINEERING DESIGN REQUIREMENTS (4-7 courses - all graded)					
CEE 366	Check	Comments	CEE 461 or CEE 462	Check	Comments

SENIOR THESIS REQUIREMENT					
(CEE 478 counts as 2 courses, but students register for CEE 478 only in the Spring term, senior year)					
CEE 478	Check	Comments	(counts as two)	Check	Comments

PROGRAM ELECTIVES (7-9 Courses)					
(At least four of program electives must be graded (not pdf); if course is not from recommended list, provide explanation)					
	Check	Comments		Check	Comments

HUMANITIES AND SOCIAL SCIENCE ELECTIVES (7 - 9 Courses)					
(List each course, indicating by a "w" which satisfies the University literature requirement)					
	Check	Comments		Check	Comments

COURSE TALLY		
Year	Number of courses	
1st	+	=
2nd	+	=
3rd	+	=
4th	+	=
(Include Senior Thesis as 2)		
Total	=	

SENIOR THESIS ADVISOR:

SENIOR THESIS TOPIC:

### ABET Civil Engineering Program Requirements

- Proficiency in mathematics through differential equations, probability and statistics, calculus-based physics, and general chemistry.  
*If this proficiency has been gained other than through the normal course requirements (MAE305, ORF245, PHY103/105, PHY104/106, and CHM201/207) please explain:*

- Proficiency in a minimum of **four** recognized major civil engineering areas.

Courses that satisfy these proficiency areas: (please circle)

<b>Environmental</b>	CEE 303	CEE 308	
<b>Geotechnical</b>	CEE 365		
<b>Hydrology</b>	CEE 306	CEE 307	MAE 222
<b>Materials</b>	CEE 364	GEO Courses – GEO _____	
<b>Structures</b>	CEE 205	CEE 361	

- Ability to conduct laboratory experiments and to critically analyze and interpret data in **more than one** of the recognized major civil engineering areas.

Courses that satisfy these proficiency areas: (please circle)

<b>Environmental</b>	CEE 308		
<b>Geotechnical</b>	CEE 365	GEO 316	
<b>Materials</b>	CEE 364		