

Geological Engineering

Name	Year	Advisor
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MATHEMATICS & BASIC SCIENCE REQUIREMENTS (9 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 courses - all graded)					
CEE 205			GEO 373/CEE 365		
CEE 303			GEO 235		
CEE 306 or CEE 307			GEO 424 or GEO 418		
CEE 308 or GEO 300			ORF 245		
CEE 361					

ENGINEERING DESIGN REQUIRMENTS (4 courses - all graded)					
2 of 3 below: CEE 461 or CEE 471 or CEE 477					

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

PROGRAM ELECTIVES (4 - 7 Courses)					
(At least four of program electives must be graded (not pdf); if course is not from recommended list, provide explanation)					

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

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)

Environmental	CEE 303	CEE 308	
Geotechnical	CEE 365		
Hydrology	CEE 306	CEE 307	MAE 222
Materials	CEE 364	GEO Courses – GEO _____	
Structures	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)

Environmental	CEE 308	
Geotechnical	CEE 365	GEO 316
Materials	CEE 364	