



SUGGESTED COURSE SEQUENCE

(Assuming no remedial courses; 16 hours as normal credit load)

(See pp. 23-27 of FLC 2007-2008 Catalog of Courses for CORE General Education requirements)

Environmental Geology Option

FLC Catalog used: _____

<i>Freshman Year (Fall)</i>	(all 100-level courses)	<i>Grade</i>	<i>COURSE COMPLETED</i>
(4) Geol 107 (Earth Systems Science) OR Geol 113 (Physical Geology)			
(3-4) Comp 150 / GC01 (Reading and Writing in College) OR Comp 125 (Reading in College) - will need to take Comp 126 next term			
(4) Chem 150 (Fundamentals of Chemistry I) [Pre: TRS 92 or Math 110]			
(3-4) GenEd CORE course			
Semester Hours (SH) = 14-16		Cumulative Hours (CH) = 14-16	

<i>Freshman Year (Winter)</i>			
(4) Geol 114 (Historical Geology) [Pre: Geol 107 or 113]			
(4) Chem 151 (Fundamentals of Chemistry II)			
(6-8) GenEd CORE courses OR Math 121 (Pre-Calculus) or complete Comp 126 (Writing in College)			
SH = 14-16		CH = 28-32	

<i>Sophomore Year (Fall)</i>			
(2) Geol 202 (Field Methods) [Pre: Geol 107 or 113]			
(3) Geol 207 (Mineralogy) [Pre: Geol 107 or 113; Chem 150]			
(4) Geog 250 (Intro. to Computer Mapping and GIS)			
(4) Math 221 (Calculus) [Pre: Math 110 & 121]			
(1-3) GenEd CORE (1 credit ES 100 or PE Activity CORE or a 3 credit CORE)			
SH = 14-16		CH = 42-48	

<i>Sophomore Year (Winter)</i>			
(3) Geol 210 (Petrology) [Pre: Geol 207]			
(4) Geol 405 Geologic Data Analysis/Computer Modeling (<i>even year course alternating with Geol 420</i>) [Pre: Geol 202] OR choose one of the following...			
(4) Math 201 Elementary Statistics [Pre: Math 110]			
(4) BA 253 Business Statistics [Pre: Math 110]			
(4) Psyc 241 Basic Statistics for Psychologists [Pre: Math 110]			
(4) Math 222 Calculus II [Pre: Math 221]			
(6-7) GenEd CORE			
(3-4) Comp 250 or other GC02 Communication / Intermediate writing course			
SH = 16-18		CH = 58-66	

<i>Junior Year (Fall)</i>			
(4) Geol 323 (Geomorphology) [Pre: Geol 202]			
(4) Geol 337 (Structural Geology) [Pre: Math 121 & Geol 202]			
(4) Geol 361 (Stratigraphy & Sedimentation) [Pre: Geol 207 & 210]			
(5) Phys 201 (College Physics I) OR (5) Phys 217 Physics for Science and Engineering I			
SH = 17		CH = 75-83	

<i>Junior Year (Winter)</i>			
(3-4) Geol Elective			
(3) Geol 380 Technical Writing in Geology [Pre: Comp or GC courses – see catalog]			
(4) Geol 435 (Groundwater) (<i>even year course alternating with Geol 430</i>) [Pre: Geol 361]			
(3-4) GenEd CORE EGC			
SH = 13-15		CH = 88-98	

<i>SUMMER (between Junior and Senior years)</i>	<i>Grade</i>	<i>COURSE COMPLETED</i>
(6) Geol 441 (Field Geology) [Pre: Geol 210 & 337]		
SH = 6	CH = 94-104	

<i>Senior Year (Fall)</i>		
(1) Geol 496 (Senior Seminar Research) [Pre: Geol 380]		
(11) GenEd CORE EGC or Electives		
SH = 12	CH = 106-116	

<i>Senior Year (Winter)</i>		
(2) Geol 497 (Senior Seminar Thesis) [Pre: Geol 496]		
(3) Geol 430 (Engineering Geology) (<i>odd year course alternating with Geol 430</i>) [Pre: Geol 210 & Math 121]		
(3) Geol 420 Geochemistry (<i>odd year course alternating with Geol 405</i>)		
(6) Geol Elective or other Electives		
SH = 14	CH = 120-130	

Notes
You must complete a minimum of 120-128 credits (depending upon the major).
45 credits must be upper-division
Minors (optional) must be completed prior to graduation
General Education (CORE):
(6-8) Communication
(3-4) Mathematics
(12-16) Arts & Humanities/History/Social & Behavioral Sciences
Specifically: (2 courses in Arts & Humanities)
(1 course in History)
(1 course in Social & Behavioral Sciences)
(7-8) Physical and Life Sciences
(1) Physical Well-Being (1 course ES or PE)
(6-8) Education for Global Citizenship, EGC (2 courses)
[minimum of 35 CORE credit hours]

For students considering graduate studies in Geology, it is recommended that you take one full year of college chemistry (Chem 150 and 151), calculus (Math 221 and 222), and physics (Phys 201/202 or 217/218).