



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)

Geology Option

FLC Catalog used: _____

<i>Freshman Year (Fall)</i>	(all 100-level courses)	<i>Grade</i>	<i>COURSE COMPLETED</i>
(4) Geol 113 (Physical Geology) OR Geol 107 (Earth Systems Science)			
(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) OR (3) Geol 420 (Intro Geochemistry) (<i>odd year course alternating with Geol 405</i>)			
(6-8) GenEd CORE courses (or Math 121(Pre-Calculus) or complete Comp 126)			
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) Math 221 (Calculus) [Pre: Math 110 & 121]			
(1) GenEd CORE (ES 100 or PE Activity)			
(3-4) Comp 250 or other GC02 Communication / Intermediate writing course			
SH = 13-14		CH = 41-46	

<i>Sophomore Year (Winter)</i>			
(4) Geol 208 (Optical Mineralogy) [Pre: Geol 207]			
(4) Geol 210 (Petrology) [Pre: Geol 207]			
(3-4) Geol 333 (Introduction to Paleontology) (<i>odd year course</i>) [Pre: Geol 114] OR GenEd CORE (if Geol 333 is not taken)			
(4) Math 222 (Calculus II) OR choose from one of the following ... (4) Math 201 Elementary Statistics [Pre: Math 110] (4) BA 253 Business Statistics [Pre: Math 110] (4) Psc 241 Basic Statistics for Psychologists [Pre: Math 110]			
SH = 15-16		CH = 56-62	

<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 = 73-79	

<i>Junior Year (Winter)</i>			
(3) Geol 380 (Technical Writing in Geology) [Pre: Comp or GC courses – see catalog]			
(4) Geol 405 Geologic Data Analysis/Computer Modeling (<i>even year course alternating with Geol 420</i>) [Pre: Geol 202]			
(3-4) Geol elective			
(6-8) GenEd CORE EGC or Electives			
SH = 16-19		CH = 89-98	

<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 = 95-104	

<i>Senior Year (Fall)</i>		
(1) Geol 496 (Senior Seminar Research) [Pre: Geol 380]		
(11) GenEd CORE EGC or Electives		
SH = 12	CH = 107-116	

<i>Senior Year (Winter)</i>		
(2) Geol 497 (Senior Seminar Thesis) [Pre: Geol 496]		
(11) Geol or other Electives		
SH = 13	CH = 120-129	

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).