

**GEOLOGY – Paleobiology BS (122 hours) Effective 2013-2016**

<b>NAME</b>	<b>PID</b>	<b>Optional 2<sup>nd</sup> Major or Minor</b>
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**FOUNDATIONS**

English Comp. and Rhetoric	Foreign Language* HSFL(s) _____	Quant. Reas. (QR)	Lifetime Fitness (LFT)
	1. _____	MATH 231	(1 hr.)
	2. _____		
	3. _____		
	4. _____		

\* Through Level 3

**APPROACHES**

Phys. and Life Sciences (PL/PX)	Social and Behavioral Sciences ***	Humanities/Fine Arts
GEOL**	Hist. Analysis (HS):	Vis. & Perf. Arts (VP):
CHEM 101	Soc. Sci./Hist. Analysis (SS/HS):	Literary Arts (LA):
CHEM 101L	Soc. Sci./Hist. Analysis (SS/HS):	Phil. Reasoning (PH):

\*\* One of the following: GEOL 101, 103, 105, 109, or 110 (only one of GEOL 101, 105, 109, and 110 may be taken for course credit).

\*\*\* From at least two departments.

**CONNECTIONS**

Communication Int. (CI)	Quant. Int. (QI) or 2nd Quant. Reas. (QR)	Experiential Ed. (EE)	Global Issues (GL)
BIOL 101L	MATH 232		
US Diversity (US)	North Atlantic World (NA)	World before 1750 (WB)	Beyond the NA (BN)

**MAJOR/MINOR/ELECTIVES**

CORE REQUIREMENTS ♦	ADDITIONAL REQUIREMENTS			
GEOL 159 GEOL 101L	GEOL**	MATH 232		
GEOL 301 (4)	BIOL 101 BIOL 101L	#		
GEOL 401 (4)	CHEM 101 CHEM 101L	##		
GEOL 402 (4)	CHEM 102 CHEM 102L	###		
GEOL 413 (4)	MATH 231	###		
GEOL/BIOL 478 (4)				
GEOL >400♦♦	♦ 18 hours ≥C (not C-) required in core (not incl. GEOL 101, 101L, 103, 105, 109, 110).			
GEOL >400♦♦	** One of the following: GEOL 101, 103, 105, 109, or 110 (only one of GEOL 101, 105, 109, and 110 may be taken for course credit)			
GEOL >400♦♦	♦♦ Three geology courses numbered above 400 not otherwise required for the major (GEOL 390 [Fall 2013 only], or 395, or 396, each for two or three hours credit, 431, 501, 555, and GEOL 691H and 692H are specifically recommended)			
Field course (4-6)♦♦♦	♦♦♦ One of the following courses: GEOL 390 (Fall 2013 only), or 395 (for four credits), or 396 (for four credits), or 434, or 691H and 692H with approved field component, or another approved field-oriented experience in biology or paleobiology. (#) One of the following courses: any COMP except 50, 70, and 380; GEOL 520 (note that this course may also be used to satisfy one of the required GEOL courses numbered above 400); any MATH above 232; any STOR 155 and above (##) PHYS 104 or 114 or 116 or 118 (PHYS 114 and 118 not offered before Fall 2014) (###) At least three geology and/or science electives not otherwise required for the major chosen from list on back.			

<b>Remaining courses after this term:</b> _____ Foundations _____ _____ Approaches _____ _____ Connections _____ _____ Supplemental _____ _____ (hrs C _____) _____ _____ (hrs C _____) _____ _____ (hrs C _____) _____ _____ Requirements subtotal _____ _____ <b>Total</b> _____	<b>Hours to be deducted:</b> Repeated courses _____ HSFL _____ Online courses > 24 _____ Online in Major/minor > 6 _____ Professional School > 24 _____ Hours in subject (BA) > 45 _____ Total _____	<b>Hours Tally:</b> Hours to date: _____ Hours in progress*: _____ Subtotal _____ Hours deducted _____ Hours after this term _____ Hours remaining to grad _____ Semesters left _____ *Include pending study abroad hours	<b>Notes:</b>
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**This tally assumes successful completion of presently enrolled courses (not AB or IN), and it does not account for all possible overlaps**

## **Science Electives for GEOLOGY BS – Paleobiology**

At least three geology and/or science electives not otherwise required for the major, including:

- ANTH 143, 220, 315, 317, 412, 414, and 451
- Any ASTR except a first-year seminar
- Any BIOC except a first-year seminar, 107 and 108
- Any BIOL above 113
- Any CHEM above 102
- Any COMP except 50, 70, and 380
- Any ENVR except a first-year seminar and 600
- GEOG 370, 410, 412, 414, 416, and any GEOG above 477
- Any GEOL except 101, 105, 109, 110
- Any MASC 101 and above
- Any MATH above 232
- Any PHYS except a first-year seminar, 101, 132, and 313
- Any STOR 155 and above
- Any course in vertebrate paleontology from North Carolina State University
- Any systematics course from the Department of Biology at Duke University.

\*Paleobiology students are encouraged but not required to take as electives a course in systematics in the Department of Biology at Duke University and a course in vertebrate paleontology at North Carolina State University. Inter-institutional enrollment is possible through a UNC–Chapel Hill/Duke/North Carolina State agreement.