

# GEOLOGY – Paleobiology BS (122 hours)

**Effective 2012**

|                   |                  |   |
|-------------------|------------------|---|
| <b>NAME</b> _____ | <b>PID</b> _____ | <b>Optional 2<sup>nd</sup> Major or Minor</b> _____ |
|-------------------|------------------|---|

## FOUNDATIONS

| English Comp. and Rhetoric | Foreign Language* HSFL(s) _____ | Quant. Reas. (QR) | Lifetime Fitness (LFIT) |
|----------------------------|---------------------------------|-------------------|-------------------------|
| ENGL 105 _____             | 1. _____<br>2. _____            | MATH 231 _____    | (1 hr.)                 |

\* Through Level 3

## APPROACHES

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

\*\* One of: GEOL 101/101L, 103/101L, 105/101L, 109/109L, or 110/101L (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 101, 101L _____/_____ | MATH 232 _____                            |                        |                    |
| US Diversity (US)          | North Atlantic World (NA)                 | World before 1750 (WB) | Beyond the NA (BN) |

## MAJOR/MINOR/ELECTIVES

| GEOLOGY <sup>♦</sup><br>(10-11 courses) <sup>♦♦♦</sup> | ALLIED SCIENCES<br>(6 courses) | Optional Minor<br>_____ | Electives | Electives |
|--|--------------------------------|-------------------------|-----------|-----------|
| GEOL 159/L (4-5) _____/_____                           | BIOL 101, 101L _____           |                         |           |           |
| GEOL 301 (4) _____                                     | CHEM 102, 102L _____           |                         |           |           |
| GEOL 401 (4) _____                                     | PHYS 104 or 116 _____          |                         |           |           |
| GEOL 402 (4) _____                                     | # _____                        |                         |           |           |
| GEOL 413 (4) _____                                     | ## _____                       |                         |           |           |
| GEOL 478/BIOL 478 (4) _____                            | ## _____                       |                         |           |           |
| GEOL >400 <sup>♦♦</sup> _____                          | ## _____                       |                         |           |           |
| GEOL >400 <sup>♦♦</sup> _____                          |                                |                         |           |           |
| GEOL >400 <sup>♦♦</sup> _____                          |                                |                         |           |           |
| Field course (4-6) <sup>♦♦♦</sup> _____/_____          |                                |                         |           |           |

♦18 hours ≥C (not C-) required in core (not incl. GEOL 101/101L, 103, 105/101L, 109/109L, 110 or Allied Sciences).

♦♦ May not use any course already required in major except GEOL 520, which may be double counted. GEOL 390 may be used if taken for two or three credit hours. GEOL 431, 501, 555, and 691H+692H are recommended, but not required.

♦♦♦ One of the following: GEOL 390 or GEOL 434 (4 hrs.) or GEOL 691H+692H (with approved field component) or another approved field-oriented experience in biology or paleobiology.

(#) One of the following: GEOL 520 (may double as GEOL >400), MATH >232, STOR ≥155, any COMP except 050, 070, or 380.

(##) Three allied science courses not otherwise required for the major chosen from list on back.

**This tally assumes successful completion of presently enrolled courses (not AB or IN), and it does not account for all possible overlaps**

| Date/Advisor  | Date/Advisor  | Date/Advisor  | Date/Advisor  |
|---|---|---|---|
| Remaining courses after this term:<br>____ Foundations _____<br>____ Approaches _____<br>____ Connections _____<br>____ Supplemental _____<br>____ Major I (hrs C _____) _____<br>____ Major /minor (hrs C _____) _____<br>____ Other _____ | Remaining courses after this term:<br>____ Foundations _____<br>____ Approaches _____<br>____ Connections _____<br>____ Supplemental _____<br>____ Major I (hrs C _____) _____<br>____ Major /minor (hrs C _____) _____<br>____ Other _____ | Remaining courses after this term:<br>____ Foundations _____<br>____ Approaches _____<br>____ Connections _____<br>____ Supplemental _____<br>____ Major I (hrs C _____) _____<br>____ Major /minor (hrs C _____) _____<br>____ Other _____ | Remaining courses after this term:<br>____ Foundations _____<br>____ Approaches _____<br>____ Connections _____<br>____ Supplemental _____<br>____ Major I (hrs C _____) _____<br>____ Major /minor (hrs C _____) _____<br>____ Other _____ |
| Hrs to date: _____<br>Hrs. in progress: _____<br>Total after this term: _____<br>- 2x/HSFL/>24 _____<br>Hrs remaining to grad _____<br>Semesters Left: _____  | Hrs to date: _____<br>Hrs. in progress: _____<br>Total after this term: _____<br>- 2x/HSFL/>24 _____<br>Hrs remaining to grad _____<br>Semesters Left: _____  | Hrs to date: _____<br>Hrs. in progress: _____<br>Total after this term: _____<br>- 2x/HSFL/>24 _____<br>Hrs remaining to grad _____<br>Semesters Left: _____  | Hrs to date: _____<br>Hrs. in progress: _____<br>Total after this term: _____<br>- 2x/HSFL/>24 _____<br>Hrs remaining to grad _____<br>Semesters Left: _____  |

## ALLIED SCIENCE COURSES for GEOLOGY BS – PALEOBIOLOGY

any GEOL except GEOL 101, 105, 109, or 110  
ANTH 143, 220, 315, 317, 412, 414, 451  
any ASTR except for first-year seminar  
any BIOC, except for first-year seminar, BIOC 107 and 108  
any BIOL above 113  
any CHEM above 102  
any COMP except 050, 070, or 380  
any ENVR except for first-year seminar and ENVR 600  
any GEOG 370, 410, 412, 414, 416, any GEOG above 477  
any MASC 101 or above  
any MATH above 232  
any PHYS except first-year seminar, PHYS 101, 132 and 313  
STOR 155 and above

Any course in vertebrate paleontology from NCSU\*

Any systematics course from the Biology Dept at Duke\*

\* 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. Interinstitutional enrollment is possible through a UNC–Chapel Hill/Duke/North Carolina State agreement.

May 23, 2012