**CHECK SHEET**
**B.S. – GEOLOGICAL SCIENCES**

**2001 - 2002 Catalog** Name _____

A Geological Sciences major (B.S.) consists of at least 39 semester hours of Geological Sciences, plus related courses in chemistry, physics, and mathematics.

Semester hours transferred: Lower Division _____ Upper Division _____

| **UNIVERSITY GENERAL STUDIES REQUIREMENTS** | | |
|---|---|---|
| First -Year Composition | Hours | Grade |
| | | |
| | | |
| **Literacy/Critical Inquiry** (3 hrs upper div.) | | |
| L | | |
| L | | |
| **Numeracy** | | |
| MA *satisfied by MAT 270* | | |
| CS | | |
| **Humanities and Fine Arts** (6-9 hrs) | | |
| HU | | |
| HU | | |
| | | |
| Social and Behavioral Sciences (6 to 9 hrs) | | |
| SB | | |
| SB | | |
| | | |
| **Sciences** | | |
| SG s*atisfied by GLG 102 and 104* | | |
| SQ s*atisfied by GLG 101 and 103* | | |
| **Awareness Areas** | | |
| Cultural (C) | | |
| Global (G) s*atisfied by GLG 101* | | |
| Historical (H) s*atisfied by GLG 102* | | |
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| **COLLEGE (CLAS) REQUIREMENTS** | | |
| **Second Language** | | |
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| **Humanities** (6-9hrs, 6 hrs upper div.) | | |
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| **Social Behav. Sci**.(6-9 hrs, 6 hrs upper div) | | |
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| **Natural Sciences/Mathematics** (6 hrs) | | |
| *satisfied by PHY 121/122* | | |
| *satisfied by CHM 113* | | |
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| **GEOLOGICAL SCIENCES MAJOR REQUIREMENTS** | | |
|---|---|---|
| **Required Courses** (27 hours) | Hours | Grade |
| GLG 101 Intro.Geol I- Physical | 3 | |
| GLG 102 Intro. Geol II-Historical | 3 | |
| GLG 103 Intro. Physical Lab | 1 | |
| GLG 104 Intro. Historical Lab | 1 | |
| GLG 310 Structural Geology | 3 | |
| GLG 321 Mineralogy | 3 | |
| GLG 400 Colloquium | 1 | |
| GLG 424 Petrology | 3 | |
| GLG 435 Sedimentology | 3 | |
| GLG 451 Field Geology I | 3 | |
| GLG 452 Field Geology II | 3 | |
| **Branch Courses** (6 hours) | | |
| *Two of the following four courses:* | | |
| GLG 335 Paleontology | 3 | |
| GLG 418 Geophysics | 3 | |
| GLG 470 Hydrogeology | 3 | |
| GLG 481 Geochemistry | 3 | |
| **Geological Sciences Electives** | | |
| (6 hours, upper division) | | |
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| | | |
| **Science/Math Courses (28 hrs)** | | |
| PHY 121 Univ. Physics I | 3 | |
| PHY 122 Univ. Physics I Lab | 1 | |
| PHY 131 Univ. Physics II | 3 | |
| PHY 132 Univ. Physics II Lab | 1 | |
| CHM 113 Gen Chemistry I | 4 | |
| CHM 116 Gen Chemistry II | 4 | |
| MAT 270 Calculus I* | 4 | |
| MAT 271 Calculus II* | 4 | |
| MAT 272 Calculus III** | 4 | |
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* MAT 290/291 is an acceptable substitute for MAT 270/271/272. ** MAT 274 may be substituted for MAT 272.
NOTE: At least 45 upper division (300 level and above) hours are required. This is often difficult to achieve without careful planning.