

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

2002 - 2003 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 satisfied by GLG 451 | | |
| L satisfied by GLG 452 | | |
| Numeracy | | |
| MA satisfied by MAT 270 | | |
| CS may be satisfied by GLG 410 | | |
| Humanities and Fine Arts (6 to 9 hrs) | | |
| HU | | |
| HU | | |
| | | |
| Social and Behavioral Sciences (6 to 9 hrs) | | |
| SB | | |
| SB | | |
| | | |
| Sciences | | |
| SG satisfied by GLG 102 and 104 | | |
| SQ satisfied by GLG 101 and 103 | | |
| Awareness Areas | | |
| Cultural (C) | | |
| Global (G) satisfied by GLG 101 | | |
| Historical (H) satisfied by GLG 102 | | |
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| COLLEGE (CLAS) REQUIREMENTS | | |
| Second Language | | |
| | | |
| | | |
| Humanities (6 hours upper div.) | | |
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| | | |
| Social Behav. Sci. (6 hours upper div) | | |
| | | |
| | | |
| Bridge Course (3 hours: see CLAS list) | | |
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| Natural Sciences/Mathematics (6 to 8 hours) | | |
| satisfied by PHY 121/122 | | |
| satisfied by CHM 113 | | |
| | | |

| 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) | | |
| <i>Two of the following four courses:</i> | | |
| GLG 335 Paleontology | 3 | |
| GLG 418 Geophysics | 3 | |
| GLG 470 Hydrogeology | 3 | |
| GLG 481 Geochemistry | 3 | |
| Geological Sciences Electives | | |
| (6 hours, upper division) | | |
| | | |
| | | |
| 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.