MAJOR REQUIREMENTS - GLY (Minimum 45 hours)

Core Courses: (27-29 hours)

- **GGY 130** Introduction to Physical Geography (4)
- **GLY 101** Principles of Geology (4)
- **GLY 120** Environmental Geology (3), GLYL Lab (1)
- **GGY 230** Introduction to Weather and Climate (3)
- **GLY 125** Natural Disasters (3)
- **GLY 150** Introduction to Oceanography (3)
- **GLY 132** The Earth Through Time (4) Prerequisite: GLY 101 or GLY 120 or GGY 130
- **GLY 390** Field Methods in Geosciences (2) Prerequisite: GLY 132 or consent of instructor
- **GLY 495** Senior Seminar (1-3) Prereqs: Senior standing in GLY and completion of 18 hrs in the major from courses at or above the 200-level [may be repeated one time for credit]

Electives: (Minimum 18 hours)

- Complete at least one elective course from three of the following four thematic areas with at least thirteen hours above the 299-level (courses taken to meet core requirements may not count toward the elective requirement):
  - **Processes**: GLY *331, *335, *441, 443, *465, *470, GGY +130, OCN 250
  - **Gas/Liquid**: GLY 226, *426, *450, GGY +230, 433 OCN +150, 350
  - **Earth History**: GLY +135, 240, *337, 340, 420, GGY 333, 436

In addition to the courses listed above which satisfy the elective requirements for specific thematic areas, any GLY or OCN course may be used as an elective. Selected courses in the field of physical geography (GGY 422, GGY 424, GGY 426, GGY 428, GGY 433, GGY 435, GGY 491, GGY 498, OR GGY 988) may also be used as electives. A total of 6 hours of any GLY, OCN, or GGY courses listed as 470, 491, 498, or 499 may be used toward the electives.

A “C” (2.00) or better average is required on all courses taken within the department, and a “C” (2.00) or better average on all required courses above the 199-level in the department is required.

**In addition to completing the requirements for a major in geology and the other requirements of the Teacher Education Program, the following courses are also required for licensure: BIO 201 and 202, PHY 260 and GGY 230. Students planning to pursue licensure should apply to the WCE as soon as admission requirements are met (typically in the sophomore year) and plan their programs in regular consultation with their advisors. Teacher licensure requirements are established at the state level and may be changed by the state at any time. For more information on the Teacher Education program admissions criteria and the courses required for licensure in North Carolina, see the WSE section of the UNCW Catalogue.**

*These courses require a lab
+May also be used to satisfy University Studies Foundations & Approaches and Perspectives requirements

**Requirements to declare GLY:** Completion of 24 hours

For further information, see the GLY website: [http://www.uncw.edu/earsci](http://www.uncw.edu/earsci) and [http://catalogue.uncw.edu](http://catalogue.uncw.edu).

This document is considered an unofficial guide. Please refer to your degree audit for the latest updates.