MAJOR REQUIREMENTS – OCN (59-63 hours)

**Core Courses:** (26-30 hours)

- +GLY/OCN 150 Introduction to Oceanography (3)
- GLY/OCN 350 Advanced Oceanography (3) Prerequisite: OCN 150
- OCN 390 Field Methods in Oceanography (2) Prerequisite: GLY 132 or consent of instructor
  (Meets **Applied Learning Requirement** with OCN 490)
- OCN 490 Oceanography Capstone (3) Prerequisites: Senior standing, completion of other core requirements and at least 15 hours of electives towards the major
  (Meets **Applied Learning Requirement** with OCN 390)
  (Meets **Oral Communication Requirements**)
  +MAT 151-152 Basic Calculus with Applications I, II (3, 3) Prereq: MAT 111 or 115 or the equivalent
  or +*MAT 161-162 Calculus with Analytical Geometry I, II (4, 4) Prerequisite: MAT 112 or 115 or equivalent
  Choose three of the following:
  - BIO +*201 or *362, CHM 475, GLY *450, PHY 475.
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**Electives:** (33 hours from 3 disciplines with 21 hours above the 299-level)

- Choose 33 hours from the following:
  - 473, 510, 551, 552, 555, GLYL 100, OCN 250,471, 475, 480, 491, 499, OCNL +150, PHY
  - +*101, +*102, +*201, +*202, 350, 477, 479, 480, 481, STT +215, or appropriate 280, 480, and
  - 491 courses in CHM, EVS, GGY, GLY or PHY can be applied as electives with the approval of
  - the program director and the Geography and Geology department chair.

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

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