

* 30 Field Hours per Credit Hour

4. Coursework in the content of the certification area to satisfy certification standards

| | Means of Satisfying Requirement | Experience | | Hours | | Sem/Yr |
|--|---------------------------------|------------|---|-------|---|--------|
| | | C | F | U | G | |
| Take all of the following: | | | | | | |
| CHM 141 (or 137)/144 + 142/145 College Chem.+ Labs (3,2,3,2) | | | | 5 | | |
| STA 261 Statistics (4) | | | | 4 | | |
| GLG 201 Mineralogy (+ lab) (fall) (4) | | | | 4 | | |
| GLG 211 Chemistry of Earth Systems (fall) (4) | | | | 4 | | |
| GLG 244 Oceanography (fall) (3) | | | | 3 | | |
| GLG 301 Sedimentology + Stratigraphy (spring) (4) | | | | 4 | | |
| PHY/AER 118 Intro to Atmospheric Science (3) | | | | 3 | | |
| PHY 111 Astronomy and Space Physics (3) | | | | 3 | | |
| PHY 171 College Physics (or PHY 181) (3) | | | | 3 | | |
| PHY 183 Physics Lab (1) | | | | 1 | | |
| 1. GLG plus lab (choose one course with lab): | | | | | | |
| GLG 111 + 115.L Dynamic Earth + Lab (4) | | | | 4 | | |
| GLG 121 + 115.L Environmental Geology + Lab (4) | | | | 4 | | |
| GLG 141 + 115.L Geology of U.S. National Parks + Lab (4) | | | | 4 | | |
| 2. Environmental Science (choose one): | | | | | | |
| BOT 131 Plants, Humanity, & Environment (3) | | | | 3 | | |
| GLG 121 Environmental Geology (3) | | | | 3 | | |
| IES 431 Prin./Applications of Env. Science (3) | | | | 3 | | |
| MBI 121 + 123 Microbial World & Exper. w. Microbes (4) | | | | 4 | | |
| ZOO 121 Environmental Biology (4) | | | | 4 | | |
| 3. Evolution Course (choose one): | | | | | | |
| GLG 205 Evolution & Earth Systems (fall) (3) | | | | 3 | | |
| ATH 355 Fossil Evidence for Human Evolution (3) | | | | 3 | | |
| BOT 204 Evolution of Plant Biodiversity (4) | | | | 4 | | |
| ZOO 206 Evolutionary Biology (3) | | | | 3 | | |
| 4. Intro Biology course (choose one): | | | | | | |
| BOT/MBI/ZOO 115 Biological Concepts (4) | | | | 4 | | |
| BOT 191 General Botany (4) | | | | 4 | | |
| ZOO 113 Animal Diversity (regional campus) (4) | | | | 4 | | |
| ZOO 114 Prin. Of Biology (regional campus) (4) | | | | 4 | | |
| 5. Inquiry course (choose one): | | | | | | |
| EDT 415 Inquiry Into Life Science (3) | | | | 3 | | |
| PHY 215 Physics by Inquiry (3) | | | | 3 | | |
| 6. Science, Technology & Society (choose one): | | | | | | |
| CHM 491 Chemistry in Societal Issues (3) | | | | 3 | | |
| EDT 374 The Nature of Science (3) | | | | 3 | | |
| GLG 207 Water & Society (3) | | | | 3 | | |
| PHL 205 Science and Culture (3) | | | | 3 | | |
| PHL 376 Environmental Philosophy (3) | | | | 3 | | |
| WCP 222 Natural Systems II (4) | | | | 4 | | |
| WCP 333.B or 334.B Sem. In Science/Tech/Envir (4) | | | | 4 | | |
| ZOO 400 Capstone: Contemporary Issues (3) | | | | 3 | | |
| 7. Field course – SUMMER ONLY (choose one): | | | | | | |
| GLG 411 Field Geology (6) | | | | 6 | | |
| GLG 413 Tropical Marine Ecology (5) | | | | 5 | | |
| GLG 414 Coastal Ecology of the Bahamas (5) | | | | 5 | | |
| GLG 415 Coral Reef Ecology (5) | | | | 5 | | |
| GLG 499 (GLG workshops—various topics) (5) | | | | 5 | | |

TOTALS: UNG HRS _____ GRAD HRS _____ GRAD HRS > 600 _____ CLINICAL & FIELD HRS _____
 (30) (15) (300)

SIGNATURES Candidate _____ Date _____
 Advisor _____ Date _____
 Director of Graduate Studies _____ Date _____