CHECKLIST FOR GRADUATION REQUIREMENTS IN ENVIRONMENTAL & ECOLOGICAL SCIENCE
BACHELOR OF SCIENCE

Minimum of 132 s.h. required for graduation (36 s.h. must be 300/400-level courses)
(Additional hours to total 132 s.h. -- includes second major, minor, and elective hours.)

Name________________________________________ I.D.#________________________

General Studies Requirements (56-60 sh)

FIRST-YEAR CORE:

GST 110 - Global Experience (4 s.h.)__________________________

ENG 110 - Writing: Argument & Inquiry (4 s.h.)__________________________
(C- or better required for graduation)

MTH 110 or 151 or 220 (4 s.h.)*MTH 220______________

Experiential Learning Requirement (ELR – 2 units required):
Included in experiential learning are study abroad, research, service-learning, leadership, internships, (including co-ops, teaching, and practicum), or other courses or experiences with ELR designation

Foreign Language Requirement:
Students must meet one of the following: (a) complete a language course numbered 122 or higher at Elon, or receive transfer or study abroad credit for the same; (b) place into a language course numbered 200 or above upon arriving at Elon, using a department of foreign languages approved placement instrument; (c) score a 4 or 5 on an AP language exam or similar exam. Each student must take the language placement test by October 1 of his or her first full year at Elon. Students are allowed two tries; the higher score is counted. That score stands and may not be repeated by later testing.

STUDIES IN THE ARTS AND SCIENCES:
[Transfer students with at least 18 s.h. of transfer credit must complete 32 hours total in Studies in the Arts & Sciences, but may have as few as 7 hours in one or more of the four Studies in the Arts & Sciences areas.]

Expression * ______________ (8 s.h.)________
[Eight hours chosen from at least two of the following: literature (in English or foreign languages), philosophy, & fine arts (art, art history, dance, fine arts, music, music theatre, & theatre). At least one course must be literature.]

Civilization (8 s.h.)________
[Eight hours chosen from at least two of the following: history, foreign languages, and religious studies.]

Society __________________________ (8 s.h.)________
[Eight hours chosen from at least two of the following: economics, geography, human service studies, political science, psychology, & sociology/anthropology.]

Science/Analysis *CHM 111 (Lab:__) *ENS 111/113 (8 s.h.)________
[Eight hours chosen from one or more of the following: mathematics/statistics, science, computer science and information science. At least one course must be a physical or biological laboratory science.]

ADVANCED STUDIES (Must be outside major.)

* ______________ (8 s.h.)________
[Eight hours of 300-400 level coursework outside the major field and chosen from areas under Studies in the Arts and Sciences.]

GST Interdisciplinary Capstone Seminar (4 s.h.)________
[300-400 level GST course; requires junior/senior status.]

*Required in major; may count in General

Major Requirements
A minimum of 62 s.h. in the following courses is required.

Core Requirements (30 s.h.):
_____*ENS 111 (3) / 113 (1) - Intro to Environmental Science & lab
_____*CHM 111 (4) - General Chemistry I & lab
_____CHM 112 (4) - General Chemistry II & lab
_____ENS 200 (4) – Strategies for Environmental Inquiry

ENS/BIO 215 (4) – Diversity of Life w/ lab
-OR-
_____BIO 131 (4) – Biodiversity

ENS 381 (2) - Internship
-OR-
_____ENS 499 (2) – Research

_____ENS 461 (4) – Seminar: Environmental Assessment and Project Development

Management, Design and Analysis
(8 s.h. with at least 4 s.h. from courses with a double asterisk):
ENS/GEO 250 (4) – Intro to GIS
ENS/GEO 340 (4) – Water Resources and Management
CHM 211 (4) – Organic Chemistry I and lab **
CHM 212 (4) – Organic Chemistry II and lab **
CHM 311 (4) – Quantitative Analysis and lab **

PHY 201 (4) – General Physics I **
-OR-
PHY 221 (4) – University Physics I **

PHY 202 (4) – General Physics II **
-OR-
PHY 222 (4) – University Physics II **

*MTH 220/STC 212 (4) – Statistics in Application **
STC 232 (4) – Statistical Modeling **

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Social Sciences and Humanities (8 s.h.)
ART 339 (4) – Ecological Art
COM 331 (4) – Environmental Communications
ECO 335 (4) – Environ. Economics (prereq. ECO 111)
ENG 318 (4) – Writing Science
ENG 339 (4) – American Environmental Writers
ENS 110 (4) – Humans and Nature
PHL/REL 348 (4) – Environmental Ethics
POL 224 (4) – Environmental Policy and Law
POL 322 (4) – State Environmental Policy and Admin.
POL 344 (4) – International Environmental Policy
SOC 334 (4) – Environmental Sociology

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- Major requirements continued on next page-
Environmental & Ecological Science (BS) – continued

Ecological Processes
(16 s.h. with no more than 4 s.h. of ENS 359)

- BIO 335 (4) – Field Biology
- BIO 342 (4) – Aquatic Biology: Study of Inland Waters
- BIO 350 (4) – General Ecology w/ lab
- CHM 305 (4) – Environmental Chemistry w/ lab
- ENS 320 (4) – Restoration Ecology w/ lab
- ENS 330 (4) – Wildlife Ecology w/ lab
- ENS/BIO 346 (4) – Wetlands Ecology and Management
- ENS 359 (2) - Special Topics Seminar

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_____Major Total (s.h.)