Name_________________________________________ I.D. #_____________________

2016-17 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.)

Elon Core Curriculum (56-60 sh)

FIRST-YEAR FOUNDATIONS:
COR 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

World 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 world 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. Consideration for Phi Beta Kappa membership requires completion of one intermediate world language course, placement beyond that level or equivalent proficiency.

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 and 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.)

*Civilization ________________________________ (8 s.h.)

*Society * ________________________________ (8 s.h.)

*Science/Analysis *CHM 111 (Lab: ____) *ENS 111/113 (8 s.h.)

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.

COR Interdisciplinary Capstone Seminar (4 s.h.)

[300-400 level COR course; requires junior/senior status.]

*Required in major; may count in Elon Core Curriculum

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
__BIO 212 (3) / 214 (1) – Intro to Population Biology & lab
__*CHM 111 (4) - General Chemistry I & lab
__CHM 112 (4) – General Chemistry II & lab
__ENS 200 (4) – Strategies for Environmental Inquiry
__ENS 461 (4) – Seminar: Environmental Assessment and Project Development

Choose one from the following (4 to 8 s.h.):

ENS/BIO 215 (4) – Diversity of Life w/ lab - OR -
BI 131 (4) – Biodiversity w/ integrated lab; AND
BI 111 (3/113 (1) – Introductory Cell Biology & Lab

Choose two semester hours from one of the following:

ENS 381 (2) – Internship
ENS 499 (2) – Research

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 **
PH 201 (4) – General Physics I

-OR-

PH 221 (4) – University Physics I **

-OR-

PH 202 (4) – General Physics II **

Choose one from the following (4 to 8 s.h.):

ENS/GEO 340 (4) – Water Resources and Management
CHM 211 (4) – Organic Chemistry I and lab **
CHM 212 (4) – Organic Chemistry II and lab **

-OR-

CHM 111 (4) - General Chemistry I & lab

-OR-

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

Social Sciences and Humanities (8 s.h.)

ART 339 (4) – Ecological Art
COM 331 (4) – Environmental Communications
ECC 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 344 (4) – International Environmental Policy
SOC 334 (4) – Environmental Sociology

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

___ Major Total (s.h.)