

Environmental Science – Certificate (ENSC.CERT)

The Environmental Science Certificate prepares students to transfer to, or enroll in, four-year institutions as environmental science majors. The certificate fulfills most of the first-year academic entrance requirements for science programs. Certificate graduates could also find employment as laboratory technicians. While students should verify information with their transfer institutions, these students are advised by science faculty members according to their specific program goals for the best transfer to their four-year institutions or preparation for employment.

Minimum credits: 34

Minimum cumulative GPA: 2.0

Minimum grade in all courses: 2.0

Minimum Jackson College credits: 9

GENERAL EDUCATION REQUIREMENTS (10-11 CREDITS)

Take the following:

ENG 131 Writing Experience
MAT 131 Intermediate Algebra or higher

Choose one of the following, depending on professional goals or transfer institution requirements:

PSY 140 Introduction to Psychology
PHL 232 Logic
ECN 231 Microeconomics
ECN 232 Macroeconomics
PLS 141 American National Government
COM 231 Communication Fundamentals
COM 240 Interpersonal Communication
GEO 131 Physical Geography
STM 101 Sustainability

ENVIRONMENTAL SCIENCE CORE REQUIREMENTS (23-24 CREDITS)

Take the following:

BIO 158 Environmental Science
BIO 258 Field Ecology
PHL 236 Ethics

Choose two of the following, depending on professional goals or transfer institution requirements:

**If you choose to take GEL 109, you do not need to take GEL 160. If you choose to take BIO 140, you do not need to take NSC 140.*

GEL 109 Earth Science

GEL 160 Introduction to Geology
BIO 140 Public Health and Disease
NSC 140 Contemporary Climate Science

Choose one of the following, depending on professional goals or transfer institution requirements:

BIO 161 General Biology I
BIO 162 General Biology II
CEM 141 General Chemistry
PHY 231 College Physics