

PROGRAM REQUIREMENTS

DEGREE: BACHELOR OF SCIENCE
MAJOR: INTERDISCIPLINARY STUDIES: Environmental Health
AREA 1: Biology
AREA 2: Environmental Science

	Credit Hours
UNIVERSITY REQUIREMENT	
FALS 101: Fine Arts and Lecture Series (Temporarily suspended)	0
GENERAL EDUCATION REQUIREMENTS	
(For approved courses see General Education: www.lander.edu/gen-ed .)	
A. Core Academic Skills (9 hours)	
ENGL 101: Writing and Inquiry I	3
ENGL 102: Writing and Inquiry II	3
MATH 121: Mathematical Applications, or MATH 123: Calculus and Its Applications, or MATH 141: Single Variable Calculus	3
B. Humanities and Fine Arts	6
(6 hours selected from 2 different disciplines)	
C. Behavioral and Social Perspectives	
(6 hours selected from 2 different disciplines)	
SOCIO 101: Introduction to Sociology	3
Additional Behavioral and Social Perspective	3
D. Scientific and Mathematical Reasoning	
(7 hours selected from 2 different disciplines, 1 lab science required)	
CHEM 111: General Chemistry	4
MATH 211: Statistical Methods I	3
E. Founding Documents of the United States	3
HIST 111: United States History to 1877, or POLS 101: American National Government	
F. World Cultures	
ES 314: Global Climate Change	3
G. LINK 101: Leadership, Involvement, Networking and Knowledge	1
LINK 101 is required of all new transfer students who have earned less than 24 credit hours of college-level work and all first-time freshmen.	
TOTAL GENERAL EDUCATION REQUIREMENTS	35
If all of the General Education requirements are met and/or waived, and the credit hours do not add up to at least 30, the General Education requirements are not complete. If below 30, additional General Education courses from any category must be taken until the total hours add up to at least 30 hour.	
*MAJOR PROGRAM CORE REQUIREMENTS	
IDS 101: Introduction to Interdisciplinary Studies	3
IDS 499: Interdisciplinary Capstone Seminar	3
TOTAL MAJOR PROGRAM CORE REQUIREMENTS	6
*MAJOR PROGRAM #1 REQUIREMENTS	
CHEM 112: General Chemistry II	4

NURS 310: Cultural Perspectives in Global Health, or ES 314: Global Climate Change	3
BIOL 111: Principles of Biology 1	4
BIOL 202: Human Anatomy	4
BIOL 203: Human Physiology	4
CHEM 301: Biochemistry	3
BIOL 306: Ecology	4
**BIOL 421: General Microbiology	4
**BIOL 422: Immunology and Serology	4
NURS 304: Pathophysiologic Basis of Nursing Practice	3
** BIOL 421 and BIOL 422 must be taken during the final year of the program.	
TOTAL REQUIREMENTS FOR MAJOR PROGRAM #1	37
*MAJOR PROGRAM #2 REQUIREMENTS	
CHEM 221: Organic Chemistry	4
CHEM 420: Environmental Chemistry	3
ES 301: Introduction to Environmental Science I	4
ES 302: Introduction to Environmental Science II	4
ES 310: Environmental Geology	3
GEOL 111: Physical Geology	4
TOTAL REQUIREMENTS FOR MAJOR PROGRAM #2	22
TOTAL MAJOR PROGRAM REQUIREMENTS	65
ADDITIONAL ELECTIVES	20
TOTAL FOR BS DEGREE	120

*Students must earn a “C” or better in all program requirement courses.

Coursework must include at least 30 credit hours earned at 300-level or above, of which 12 credit hours must be in the major.

Program reviewed for 2022-23.