

EUGENE LANG COLLEGE PROGRAM REQUIREMENT EVALUATION
INTERDISCIPLINARY SCIENCE MAJOR
UPON DECLARING, SUBMIT MAJOR/ MINOR STATEMENT to FACULTY ADVISOR

STUDENT NAME _____ ID _____ DATE _____ DEGREE ☐ B.A. ☐ B.A./B.F.A.
DEPARTMENT: _____ EXPECTED GRADUATION DATE: _____ ADVISOR _____

In addition to the requirements outlined in the program worksheet below, Lang has specific general requirements, including a minimum number of credits in liberal arts courses as well as college residency requirements. All students should read the general Degree Requirements and consult with an advisor each semester to ensure they are on track to graduate.

REQUIRED

SEMESTER/YEAR (TO BE) COMPLETED

LSCI 2700 ENERGY AND SUSTAINABILITY	<input type="checkbox"/> _____
LMTH 2050 MATH MODELS IN NATURE	<input type="checkbox"/> _____
LSCI 2500 CHEM OF ENVIRONMENT (Foundation)	<input type="checkbox"/> _____
LSCI 2040 GENES, ENVIRONMENT & BEHAVIOR (Foundation)	<input type="checkbox"/> _____
LSCI 3020 METHODS OF SCIENTIFIC INQUIRY (ADVISED ON A CASE BY CASE BASIS)	<input type="checkbox"/> _____

TWO (2) ADDITIONAL FOUNDATION COURSES (FROM THE COURSES BELOW)

LSCI 2037 FOUNDATIONS IN PHYSICS	<input type="checkbox"/> _____
LSCI 2310 INTRO TO EPIDEMIOLOGY IN ACTION!	<input type="checkbox"/> _____
LSCI 2XXX GLOBAL HEALTH	<input type="checkbox"/> _____
UENV 2400 URBAN ECOLOGY	<input type="checkbox"/> _____

ONE (1) ADDITIONAL MATHEMATICS COURSE (FROM THE COURSES BELOW)

LMTH 2040 CALCULUS I	<input type="checkbox"/> _____
LMTH 2045 CALCULUS II	<input type="checkbox"/> _____
LMTH 2030 STATISTICS WITH SPSS (CONSULT ADVISOR FOR MOST APPROPRIATE COURSE)	<input type="checkbox"/> _____

ONE (1) LABORATORY SCIENCE COURSE (FROM THE COURSES BELOW)

LSCI 3031 BIODIVERSITY ACHIEVED (6 CREDITS)	<input type="checkbox"/> _____
LSCI 3029 WATER QUALITY LAB (4 CREDITS)	<input type="checkbox"/> _____
UENV 3450 ECOLOGY LAB (4 CREDITS)	<input type="checkbox"/> _____

TWO (2) INTERMEDIATE/ADVANCED LEVEL COURSES (PRE-REQUISITES REQUIRED)

LSCI 3031 CHEMISTRY OF ATMOSPHERE	<input type="checkbox"/> _____
LSCI 3400 GENOMES, POPULATIONS AND IDENTITIES	_____
LSCI 3070 CLIMATE CHANGE AND GLOBAL HEALTH (ONLY PRIOR TO 2016)	<input type="checkbox"/> _____

OR OTHER LSCI or LMTH 3000 LEVEL COURSES THAT HAVE PREREQUISITES

ONE (1) ADDITIONAL ADVANCED LEVEL COURSE (LSCI 4000-4300 RANGE, PRE-REQUISITES REQUIRED). SELECTED UNDER CONSULTATION WITH FACULTY ADVISOR

LSCI 4050 SCIENCE AND POLITICS OF CANCER	<input type="checkbox"/> _____
LSCI 4060 SCIENCE AND POLITICS OF THE HUMAN GENOME	<input type="checkbox"/> _____
LSCI 4100 NANOTECHNOLOGY	<input type="checkbox"/> _____

ONE (1) ELECTIVE: LSCI, LMTH OR UENV COURSE THAT HAS NOT BEEN APPLIED TOWARDS SATISFYING A REQUIREMENT ABOVE. SELECTED UNDER CONSULTATION WITH FACULTY ADVISOR. NOTE: THE FOLLOWING COURSES DO NOT SATISFY THE ADDITIONAL ELECTIVE REQUIREMENT: *QUANTITATIVE REASONING I, PRE-CALCULUS, AND STATISTICS FOR THE SOCIAL SCIENCES.*

☐ _____

☐ **INTERNSHIP (RECOMMENDED)**

☐ **SCIENCE FELLOWS (OPTIONAL: MERIT BASED)**

TOTAL LANG CREDITS _____ (88 total credits or _____ credits if transfer) TOTAL CREDITS _____ (BA 120 total credits; BAFA 180 total credits)

Advisor's Signature

Date

Students who choose to major in IS should consider the ways in which their academic and experiential work lead to a focus in environmental health, public health, climate change, science education, or other areas of interest. Upon declaring the Major/Minor, student should review the guidelines for writing a Major/Minor statement and submit a statement outlining their goals for the academic course of study. This statement should be submitted to the academic advisor and be revisited and revised each year with the academic advisor.

More advising documents are available in the shared google drive <https://drive.google.com/a/newschool.edu/?tab=mo#folders/0B3VweBRPZHViQ0Vjd2czcm52ZnM>

The template below is not written in stone, but rather suggests a useful sequence in which to complete the requirements for this program. Students declare their major at various points, but we recommend that when you declare, you review this chart, submit a **MAJORS/MINOR** statement, and schedule an advising appointment with a member of the Interdisciplinary Science Program so that advising can be personalized and appropriate to your interests and post-graduate plans.

Transfer Students who enter the college at the junior or senior level can satisfy the Foundations Requirements by completing courses in **TWO** scientific disciplines rather than three, whereas sophomore transfers must complete four foundations in **THREE** disciplines.

For MAJORS: Generic Sample Interdisciplinary Course Menu

	FALL	SPRING
YEAR 1	IS Introductory Elective Writing 1 Course First Year Seminar	IS Introductory Elective Mathematical Models in Nature Writing 2 Course
YEAR 2	Chemistry of the Environment Second Math Course University Lecture Course	Genes Environment and Behavior Energy and Sustainability
YEAR 3	IS Foundation Course IS Foundation Course IS Internship	IS Intermediate Course Lab Course University Lecture Courses
YEAR 4	Methods of Scientific Inquiry IS Intermediate/Advanced Course	IS Capstone/Advanced Course (4000 level)

For MINORS: Generic Sample Interdisciplinary Course Menu

LSCI 2700 Energy and Sustainability

One Mathematics Course (Pre Calculus and QR I do NOT count towards the Minor)

One Lab Course

Two Foundations (across any two following disciplines; biology, chemistry, epidemiology/global health/ecology, physics)

**** all students must receive a C or higher in all courses that meet the requirements of the major/minor