Interdisciplinary Science Worksheet for the MINOR - 2020-21

STUDENT NAME: ________________ NEW SCHOOL ID: ______________ DEGREE: □ BA □ BA/BFA □ BA/MA

Students who choose to minor in IS should consider the ways in which their academic and experiential work lead to a focus in environmental health, public or planetary health, climate change, science education, or other areas of interest. See the sample curricular path on p. 2.

Upon declaring the Major/Minor, students 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 their faculty advisor in the department and be revisited and revised each year with this advisor. Students must earn a grade of C or higher in all courses to meet the requirements for the major in Interdisciplinary Science.

More advising documents are available in the shared google drive: bit.ly/LangISResources.

MINOR REQUIREMENTS

This minor requires completion of the following five courses:

1. LSCI 2700 Energy & Sustainability (4 credits) Semester taken ________ Advisor’s initials ______

   One LMTH Math course, chosen in consultation with the Departmental Faculty Advisor (3-4 cr.)

2. ☐ ________________________________ Semester ________ Adv. initials ______
   (LMTH Math course)

   Two Foundation courses, chosen from the following list. This should add a breadth to the program and satisfy the prerequisite for the Laboratory course requirement, so they should be in two disciplinary areas and chosen in consultation with the Departmental Faculty Advisor. (total 8 cr.).

   • LSCI 2500 Chemistry of the Environment
   • LSCI 2040 Genes, Environment, and Behavior
   • LSCI 2037 Foundation of Physics
   • LSCI 2300 Urban Environmental Health
   • LSCI 2840 Science and Politics of Infectious Diseases
   • LSCI 2320 Microbial Ecologies

3. ☐ ________________________________ Semester ________ Adv. initials ______
   (Foundation course)

4. ☐ ________________________________ Semester ________ Adv. initials ______
   (Foundation course)

   One LSCI Laboratory course, chosen from the following list (4 cr.):

   • LSCI 2500 Water Quality Lab (prerequisite: LSCI 2500 Chemistry of the Environment)
   • LSCI 3030 Biodiversity Achieved Lab (prerequisite: LSCI 2040 Genes, Environment, and Behavior)
   • LSCI 3055 Microbiome of Urban Spaces Ecology Lab (prerequisite: LSCI 2320 Microbial Ecologies or LSCI 2040 Genes, Environment, and Behavior)

5. ☐ ________________________________ Semester ________ Adv. initials ______
   (LSCI Lab course)

TOTAL INTERDISCIPLINARY SCIENCE CREDITS (19-20)

STUDENT SUCCESS ADVISOR’S SIGNATURE __________________________ DATE _______________
Generic Sample Interdisciplinary Course Menu

The template below is not written in stone, but rather suggests a useful sequence in which to complete the requirements for this minor. Students declare their minor 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 the Departmental Faculty Advisor of the Interdisciplinary Science Program so that advising can be personalized and appropriate to your interests and post-graduate plans.

- LSCI 2700 Energy and Sustainability
- One Mathematics Course (Pre-Calculus and QR I do not count towards the Minor)
- One Lab Course (note that these have prerequisites that are Foundations courses)
- Two Foundations (across any two following disciplines; biology, chemistry, ecology, epidemiology, physics)