

## Natural Sciences, Technology, Engineering, Arts, Math & Design Advising Tips

**Courses in STEAMD ( Science, Technology, Engineering, Arts, Math, and Design) are open to all students** and some can be found across many departments : LSCI Making Math and Art, LSCI 2030 Light and Color, LINA 3040 Art and Neuroscience, PSAM5860 Bioart Lab

Please see the Lang Website Academic Program of Study for a complete listing

<http://www.newschool.edu/lang/interdisciplinary-studies/>

**Students can also opt to major or minor in Interdisciplinary Science at Eugene Lang College.**

For more information and guidelines for submitting a personal statement to craft a path of study see the link below. This statement is an important tool to guide advising and we ask that you draft one and share it with a faculty member in the Interdisciplinary Science if you are interested in exploring a minor or major in Interdisciplinary Science so we can customize your academic and co-curricular activities. This link also has our revised Check Sheet and sample menu of a four year program of study and requirements for the minor on the last page. <http://www.newschool.edu/lang/forms-and-requirements/>

### Identifying Courses

On the Lang course website, the best way to search for all courses that address these topics including "cross-listed" courses with other subject codes, is through **Area of Study** rather than by Subject.

<http://www.lang.edu/courses/courses.cfm>

On The New School Course Catalog the best way to search for all courses that address these topics is by Keyword in Title/ or Description and/or the Subject Code, but this requires knowing which departments and divisions offer such courses, thus a small sample is below, but for those courses that are of interest, note the PREFIX for the subject code ( LSCI- Lang Science, LMTH-Lang Math, NFDS- food studies, UENV- environmental studies, PSAM- Parsons Art Media and Technology, NINT- International Affairs, EPMS- Environmental Policy and Sustainable Management).

<http://www.newschool.edu/ucc/courses.aspx>

Below are the courses offered through the Lang Interdisciplinary Science Program FOR NEXT YEAR and on the next page are those courses that are offered by other departments and divisions which incorporate science, math, and technology in the context of culture, social justice, history, design, arts, and sustainability.

### Lang Interdisciplinary Science and Math Courses:

#### Courses that Satisfy the IS Major/Minor Required Courses

FALL LSCI 2700 Energy and Sustainability T/R 10-11:40am.

FALL LSCI 2502 Chemistry of the Environment T/R 1:50pm-3:30pm

FALL LSCI 2040 Genes, Environment, and Behavior M/W 10-11:40am

SPRING LMTH 2050 Math Models in Nature T/R 10-11:40am

#### Courses that Satisfy the IS Major/Minor for Math

LMTH 2030 Statistics w. SPSS T/R 1:50pm- 3:30pm

LMTH 2040 Calculus I M/W 10-11:30

LMTH 2045 Calculus II M/W 12-1:15pm

#### Courses that Satisfy the IS Major/Minor for Foundation

*SPRING LSCI 2310 Intro to Epidemiology in Action T/R 11:55am- 1:30pm*

*SPRING LSCI 2037 Foundations in Physics M/W 10-11:40*

#### Courses that Satisfy the IS Major/Minor for Intermediate Level

*FALL LSCI 3070 (CRN 7281) Climate Change and Global Health T/R 11:55am- 1:30pm*

*FALL LSCI 3006 (CRN 3323) MATH Tools for Social and NATural Sciences M/W 3:50pm- 5:30pm*

*SPRING LSCI 3031 Perhaps a biology focused course or a Data Visualization Course*

#### Courses that Satisfy the IS Major 4000 Level

*FALL LSCI 4100 (CRN 7280) Nanotechnology T/R 11:55am- 1:30pm*

*SPRING LSCI 4000 Perhaps The Human Genome or The Science and Politics of Cancer*

#### Courses that Satisfy the IS Major/Minor for Lab

*FALL UENV Ecology Lab*

*SPRING LSCI 3XXX Water Quality Lab*

#### Courses that Satisfy the IS Major/Minor for Elective

*FALL LSCI 2300 (CRN 5899) Introduction of Urban Environmental Health M/W 11:55am-1:30pm*

*FALL LSCI 2060(CRN 7729)Ethnomathematics M/W 1:50pm- 3:30pm*

*SPRING LSCI 2600 Climate and Society M/W 12-1:15pm*

*SPRING LSCI 2031 Light and Color T/R 2-3:15pm*

*SPRING NINT 5114 Epidemics and International Responses*

*SPRING LMTH 2105 Making Math and Art T/R 12-1:15pm*

#### Courses Offered by other Divisions and Departments

*There are a number of courses in other divisions & departments that relate to natural sciences & math*

*Note: UENV -Environmental Studies and NFDS- Food Studies have more courses*

*Note: That courses with a number of 4500 are open to undergraduate juniors and seniors*

*Note: That courses with a number of 5000 or higher are graduate level courses that require permission of the instructor*

Fall/ Spring PSAM 5860 Currents: Bioart Studio T 7:00pm- 9:40pm (4 Lang spots)

Fall PUDM 2700 Information Visualization (permission)

PSAM 5600 Currents MAterial Spectrum: Nano for Bioart W 7-9:40

Fall LANT 3041 Ape Cultures and Human Nature

Fall LLSJ Visualizing Data M 3:50pm-6:30pm

Fall LPSY 2772 Culture Ethnicity and Mental Health

Fall LPSY 2042 Fundamentals of Cognitive Neuroscience

Fall LPSY 3137 Introduction to Bioethics

Spring LPSY 3042 Environmental Psychology M/W 1:50pm

Spring LINA 2024 AX Ecologies of Art F 12:10-2:50pm

Spring LINA 3040 Art and Neuroscience

Spring LCST 4470 Science Technology & Design (permission of instructor) T 6-

Fall/Spring LEDU 3961 HealthClass 2.0 Practicum R 12-1:15

Spring UENV 3425 Student Environmental Activism Seminar Practicum F 9-11:40

Spring UENV 4703 Social Justice and the Food System 6-7:50pm ( many more Food based and environmental courses see UENV and NFDS)

Fall LHis 3XXX Power and Biology (Palermo)

Spring LHis 3XXX History of Global Disease (Palermo)

Spring GANT 6340 Intersections of Anthropology and Bioethics (Mozersky)

Might be offered in Spring

Spring LLSL 3160 Intro to Eco-Criticism T/R 1:50pm

**NOTE THIS IS ON HOLD** NPSY 3843 Health Psychology ???

PGTE 5598 Data Visualization ( permission of instructor)

PGTE 5580 Information Architecture ( permission of instructor)

NEPS 5001 Climate Change and Cities (Moharta)

GANT 6340 Intersections of Anthropology and Bioethics (Mozersky)

NEPS 5006 Principles of Environmental Science (Seniors only)