Interdisciplinary Courses

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**IDSY/PHYS 215 Introduction to Complex Systems**
Study of how collective behavior emerges from the interaction between a system's parts and its environment. Model systems from the natural sciences and social sciences will be used as examples. Both historical and contemporary approaches will be discussed.

**IDSY 295 Experiential Learning Pathways Foundation**
The Experiential Learning Pathways offer students opportunities to engage in transformational, community-based learning that facilitates personal growth and fosters social change. This Foundations course will provide students with the knowledge and skills they need to engage in the Experiential Learning Pathways program. In 2020-2021 the Experiential Learning Pathway topic available to students will be Food and Farming Justice as a Liberal Art. Students should contact Amy Newday for more information about this course and the Experiential Learning Pathways program.

**IDSY/MATH 305/PHYS 482 Dynamic Models in Social Science**
The study of why mathematical and computational methods are important in understanding social phenomena, and how different social phenomena can be described by proper mathematical models. Specifically, applications of the theory of dynamical systems will be presented. Designed for math/science and social science students. Either MATH/PHYS 270 or this course, but not both, may be counted towards the major in mathematics.

**IDSY 395 Your Work in the World**
The Fall 2020 Your Work in the World course marries internship experience with linked academic work and is designed specifically as an opportunity for juniors as an experiential education replacement for lost study abroad opportunities due to the COVID-19 pandemic. Students do not need to have an internship lined up to register for this course.

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