From: Inform
Subject: EM: Three new courses from KDIS (not only for science majors!)

From: Libeskind-Hadas, Ran

Dear CMC'ers,

The Kravis Department of Integrated Sciences is excited to offer several new courses.

SCI 50L "Computing For Discovery" is a brand new course that explores machine learning concepts in the context of many different applications. It will be taught this spring by Prof. Zach Dodds from Harvey Mudd. The prereqs are any college-level computing course (e.g., SCI10, CS 40, CS 5 at Mudd, CS 4 at Pitzer) and one college-level science course or permission of the instructor. This is an opportunity to explore the rapidly emerging fields of machine learning and data science. The course meets on MW 9:35-10:50 AM with a lab on T 6-8 PM (lab time in this course is designed to reduce homework time).

SCI 10L "Codes of Life" will be offered for the third time this spring. This course explores current issues in health using both biological concepts and computing. The course also includes an exploration of issues related to ethics and impact on society. *There are no prereqs. Students with prior computing experience are welcome, but no prior science or computing experience is assumed*. This course satisfies the science GE requirement and is open to first- and second-year students. The course meets on TR 11-12:15. There are two different lab sections that you can choose from, one meets on Wednesdays 1:15-4 PM and the other on Wednesdays 6:15-9 PM. This course will be taught by the KDIS science team of Profs. Keller, Nerenberg, Yooseph, and Wiley.

Finally, SCI 119 "The Senses" is a course on sensory evolution taught by Prof. Lars Schmitz. This is an upper-division course for science majors that provides an integrative perspective on the senses, applying concepts from cell biology, biochemistry, physics, genomics, ecology, and evolution. The course meets TR 1:15-2:30 PM.

Best wishes!

Prof. Ran "RON"

Dr. Ran "RON" Libeskind-Hadas
Founding Chair, Kravis Department of Integrated Sciences
Claremont McKenna College, Claremont, CA