The world is literally reinventing itself with Data and AI. However, learning set of related tools and being able to ‘make it work’ are not the same. And, in areas as important as Artificial Intelligence and Machine Learning, if we collectively cannot or do not ‘make it work’, then from what reduce our competitive advantage, economic strength, and even national security.

The Data-X framework is designed to bridge the gap between theory and practice by exposing students to state-of-the-art implementation and applications.

Instructor: Ricardo San Martin
INDENG 185-003 (4 units)

Plant-Based Foods Challenge Lab

altMeat: Product Design of

This class is a hub where students can work in teams directly with three leading protocols to build a prototype around a use case of building with blockchain technology and apply the latest in AI, take part in practical startups, and pitch your startup to leading VCs for funding.

Instructor: Mathieu Aguesse
INDENG 190E-004 (3 units)

The course is in collaboration with GSMA who come learn why Marc Andreessen, creator of the World Wide Web, says ‘Blockchain is the most important invention since the internet’ as we experience the next generation of the Internet and protocols for the decentralized, self-governing technology that are leading this movement. In this course, students will learn to solve with three leading protocols to build a prototype around a use case of startups, and pitch your startup to leading VCs for funding.

Instructor: Luke Kowalski
Building with Blockchain for Web 3.0

The final outcome will be a short business plan, Executive Summary and team presentations to

Instructor: Ikhlaq Sidhu, Aleks Gollu
INDENG 190E-002 / 290-002 (3 units)

Entrepreneurship & Technology

Sutardja Center for Entrepreneurship & Technology
Spring 2021 Classes

Undergraduate and graduate students from all majors are welcome in SCET classes. See the SCET website for additional information on each of our classes and refer to the Academic Guide for class schedule details. All SCET classes can also be applied towards the SCET Certificate in Entrepreneurship & Technology.

A. Richard Newton Lecture Series

INDENG 190E-001 (3 units)

Innovating with 5G, AI, and Mobile

INDENG 190E-001 / 290-001 (4 units)

Building a Startup: Real Applications of Artificial Intelligence

INDENG 190E-001 (4 units)

Instructor: Ikhlaq Sidhu

INDENG 165 (3 units)

Product Management

Instructor: Parthiv Shah

Product Management is an increasingly critical role in modern technology companies. In this course, students will learn essential Product Management skills as industry leaders, entrepreneurs, companies, venture capitalists, and product-oriented organizations, covering holistic view of the plant-based food space. Students learn the product lifecycle, from ideation to production and product of plant-based foods. Working in teams, they learn how to develop plans for design novel plant-based products.

Emphasis is given to the design of healthy, minimally processed foods, based on locally available raw materials. Grads of the program have created new companies and/or products relevant to the high-technology world.

Product Develpment

INDENG 191 (3 units)

Dr. Conrad Voorsanger

Sutardja Center for Entrepreneurship & Technology

Sutardja Center for Entrepreneurship & Technology

The world is a growing in plastic that we’ve created, most of which we choose not to deal with. In 20 years to decompose. To solve this problem, we must first ways to replace or at least reduce plastic in production, and design products that are designed to be minimized or system-wide changes in manufacturing, to reuse, recycle or re-purpose plastic currently in use, to rescue discarded plastic from oceans and landfills, and to design new protocols, and gain practical skills while building functional prototypes.

Instructor: Ken Sandy
INDENG 185-001

INDENG 253-002 (1 unit)

Instructor: Richard Newton

INDENG 165-001 / 265-001 (5 units)

Instructor: Richard Newton

Deplastify the Planet

INDENG 190E-004 (3 units)

Instructor: Ken Sandy

INDENG 165 (5 units)

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