# Zvi Meitar Emerging Technologies Program – תכנית צבי מיתר

The program aims to provide students with a unique and enriching opportunity to examine the legal, ethical, and social challenges of new and emerging technologies. This innovative program affords advanced students with an unparalleled opportunity to actively contribute to the public discourse on these issues with the ultimate purpose of influencing academic scholarship, shaping public policy, and even drafting laws and regulations.

This is a year-long English language program, open to exceptional students from all schools in their final year of study, as well third year law students. In order to apply to the program, students must have an 84 GPA (minimum). No legal or technical background is required. Those students deemed to be qualified for the program will be invited for an interview.

Over the course of the year, students will have the opportunity to:

- Interact personally with industry leaders, as well as government officials and NGOs.
- Educate and inform the public on issues associated with disruptive technologies through developing symposiums, round tables, workshops and conferences.
- Examine the legal, ethical, and social aspects relating to new and emerging technologies. Students will research these challenging issues, publish position papers, formulate amicus briefs and draft relevant statutes.

**The program will comprise two parts:**

- 6 credits* will be granted for academic course work and will be awarded according to the course of study and the relevant school. The academic course work will be further divided into three parts:
  1) A general introductory course on the field of the examination of the ethical, legal and social implications of technologies;
  2) A Law and Technology course (please note: neither a background in law, nor a background in technology is required);
  3) A Technology workshop, comprised of talks by local and international guest speakers, on a bi-weekly basis. The speakers are experts in the field of technology, law, science, and ethics and will share their personal success stories in an intimate and informal session.

- 4 additional credits (extra credits) for a student project. Students will be divided into small groups where they will choose from real-world projects in the fields of Hi-Tech, Bio-Tech and Green-Tech.
  The 4 credits, are not counted towards the student's absolute credit requirement for their degree; however, these credits will be factored in as an accredited course by the registrar when determining grade point averages (GPA).

The program will also include local tours of relevant Israeli industries, affording the students a unique opportunity to make contact with leading figures and organizations in these fields.

**Students will need to commit 5-7 hours per week to work on the yearly research project outside of class.** Students are expected to devote equal effort and attention to all their work regardless of how the administration breaks down the final credit counts.

Upon completion of the program, students will receive an official certificate.

Dov Greenbaum is the Director of the program and of Zvi Meitar Institute for Legal Implications of Emerging Technologies.
For additional information please review our website:
http://portal.idc.ac.il/en/main/research/zmi/pages/emerging_technologies_program.aspx

**PART I: Academic Courses – 6 credits**

- **Introduction ELSI of Science and Technology (Dr. Dov Greenbaum, Academic Program Director**)-2 cr.

This course will look to the historical underpinnings of studying ***ethical legal and social implications (ELSI)*** of science and technology and discuss in depth how such a study can be valuable to society as a whole. With this framework established, the course will also look to both established and current technologies to see where ELSI issues arise and where and how ELSI intervention may be useful or not. The course will seek to provide the necessary foundation to develop the skill set for examining many new and emerging technologies in light of their legal, ethical and social implications.
Semester A - Exam

- **Technology and Law (Dr. Dov Greenbaum, Academic Program Director**)-2 cr.

The goal of the course is to introduce students who may not have either a science or a law background to the legal issues associated with technologies. As our lives become more enmeshed in unprecedented technological innovations, we as a society are faced with novel legal issues that will affect us independent of our particular legal bent.
The course will discuss many innovative technologies such as robotics and AI, genetics, the internet, virtual reality, Fintech and 3D printing and the legal issues that we are likely to confront. The course syllabus will be dynamic, representing current events or student choices.
Semester B – Exam

- **Emerging Technologies Workshop (Dr. Dov Greenbaum, Academic Program Director**)-2 cr.

The workshop will host weekly/bi-weekly guest speakers, comprising local and international experts in one or more of the fields of technology, law, science and ethics, who will share their personal success stories in intimate and informal sessions.
Students will be required to prepare short position papers to be submitted throughout the year. Furthermore, students will also have the opportunity to summarize lectures of speakers at various conferences/events/tours and to write blogs on diverse technologies as well as the legal, ethical and social implications of these technologies.

* Law students will have the opportunity to choose one of the following options for the breakdown of the 6 credits that are granted towards the student's degree:

| Option 1 | Option 2 | Option 3 |
|---|---|---|
| 2 credits Legal English<br>2 credits Legal Seminar<br>2 credit Legal Elective | 4 credits Legal English<br>2 credits Legal Elective | 4 credits Legal English<br>2 credits Legal Seminar*<br><br>This option is relevant only if you did not take another honors program/course that replaces a seminar. |

** For students of other schools, accreditation has been determined by the Dean of each school and students may send an email to inbar.carmel@idc.ac.il for additional information.