



The Hebrew University of Jerusalem

Syllabus

Startup Science Innovation - 49665

Last update 22-11-2020

HU Credits: 4

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: Enrichment Program for High School students

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: Mt. Scopus

Course/Module Coordinator: Dr. Dan Marom

Coordinator Email: Sharon.Levite@mail.huji.ac.il

Coordinator Office Hours:

Teaching Staff:

Ms. SHARON LEVITE

Course/Module description:

Startup science innovation seminar is a “real world” course in creating successful scientific based products and services startups. The course extends over two semesters of one academic year and is composed of frontal lectures, practical trainings, and a guided project. The autumn semester (A) is focused on identifying market needs, brainstorming and concept creation, while the spring semester (B) is focused on concept development, and business implementation. Teams of students from the life sciences, exact sciences, environmental sciences, engineering and business disciplines will conceive and design an innovative product or service taking it through all steps of development. The teams will create a prototype of their initiative, file a provisional patent application if applicable, and prepare a business plan. During the course we will host and hear lectures from experienced entrepreneurs, corporate executives, intellectual property attorneys, and venture capitalists. As such, it provides a unique opportunity to gain real world experience while still in an academic environment.

Course/Module aims:

Students will know how to transform a technological idea into a business product or service, prepare a development, marketing and a business plan for such an idea as a milestone of turning it into a startup.

Learning outcomes - On successful completion of this module, students should be able to:

Students will know how to transform a technological idea into a business product or service, prepare a development, marketing and a business plan for such an idea as a milestone of turning it into a startup.

Attendance requirements(%):

90

Teaching arrangement and method of instruction:

Course/Module Content:

See syllabus posted on moodle.huji.ac.il at the start of each semester

Required Reading:

See syllabus posted on moodle.huji.ac.il at the start of each semester

Additional Reading Material:

Course/Module evaluation:

End of year written/oral examination 0 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 100 %

Assignments 0 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

Additional information: