

Double Major program in Economics and Entrepreneurship with Data Science

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Introduction

The Double Major program in Entrepreneurship and Economics with Data Science provides a multi-dimensional understanding of the global economy and the business world, while giving the students hands-on knowledge to start their own business or startup, knowledge which is taught both by academic experts as well as industry specialists. The Data part of the degree provides the students with unique data analysis and programming skills. The graduates of this program have superb quantitative and analytical skills as well as leadership skills which allow them to excel in the private and public sector.

A great deal of effort has been expended in preparing this handbook, in order to ensure that its content is complete and accurate. However, changes and alterations to the information are possible. The IDC Herzliya Academic Authorities may cancel, alter or add courses and/or specialization programs, and generate changes in the times of lectures or in the assigned lecturer. Such changes will be published over the course of the year by various means, such as the online handbook on the IDC Herzliya website, and will apply to all IDC Herzliya students, including students of the Raphael Recanati International School, unless specified otherwise.

Program of Studies

Double Major program in Entrepreneurship and Economics with Data Science

First Year / Entrepreneurship

Course Code	Course Name	Lecture Hours	Recitation Hours	Total Credits	Prerequisites
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Mandatory Courses

Fall Semester Courses

3911	Entrepreneurship, Creativity and Innovation - from 0 to 1	3	2	3	
26032	Excel for data analysis	3		3	
26027	Computational Thinking and Programming in python	4	2	4	
3919	Research Methods	2		1	

Spring Semester Courses

2686	Introduction to data science	3	2	4	
3941	Financial Management and Entrepreneurial Finance	4	1	4	
2457	Entrepreneurship and innovation within organization	2		2	

First Year / Economics

Course Code	Course Name	Lecture Hours	Recitation Hours	Total Credits	Prerequisites
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Mandatory Courses

Fall Semester Courses

9007	Mathematics I for Economics	4		4	
9009	Statistics I for Economics	5		5	
9076	Excel	none			
9682	Principles of Micro Economics	3	2	3	
26035	Advanced English 2	2	2	2	

Spring Semester Courses

4415	Introduction to R	2	2	2	
9008	Mathematics II for Economics	4		4	
9010	Statistics II for Economics	4	2	4	
9683	Microeconomics I:Economic decision-making: Consumers and Producers	4	2	4	
9684	Financial Management and Entrepreneurial Finance	2	2	2	
26035	Advanced English 2	2	2	2	

Exam Schedule

The dates of the examinations can be found on the IDC Herzliya website under
Students > Student Information > Course Catalog, Student Regulations and Syllabus > Search Exams

A personal examinations schedule is published at the Student's Information website (My IDC).