

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	
3913	Research Methods	2		2	

Spring Semester Courses

3941	Financial Management and Entrepreneurial Finance	4	1	4	
2457	Entrepreneurship and innovation within organization	2		2	
5081	Practical Tools and Strategies for Entrepreneurs- Economics	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	1	5	
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	Principles of Macro Economics	2	2	2	
26035	Advanced English 2	2	2	2	

ASE honors program RRIS

Course Code	Course Name	Lecture Hours	Recitation Hours	Total Credits	Prerequisites
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3918	Entrepreneurship, Creativity, and Innovation - from 0 to 1 Honors	3*		3	
3688	21st century skills - honors program	3**		3	

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).

Second Year / Entrepreneurship

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

Fall Semester Courses

2454	Legal and Tax Aspects of Entrepreneurial Ventures	2		2	
2455	Databases and SQL	2	2	2	
2452	Product Management	2		2	

Spring Semester Courses

2450	BI	4	2	4	
9687	FinTech	2		2	
5079	Innovation and Technological Revolutions (Data-Tech)	2		2	
3220	Fundamentals Of Accounting	3	2	3	
2451	Marketing and Digital Marketing Management for Entrepreneurs	2		2	
2686	Introduction to data science	3	2	4	

ASE honors program RRIS

Course Code	Course Name	Lecture Hours	Recitation Hours	Total Credits	Prerequisites
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5273	Organizational Innovation - honors program	3*		3	
5274	Entrepreneurship	2**		2	

Second Year / Economics

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

Fall Semester Courses

6827	Intermediate Macroeconomics: growth and business cycles analysis	4	2	4	
3059	Microeconomics II- Efficiency, Markets, and Market Failures	4	2	4	
9022	Introduction to Econometrics	4	2	4	

Spring Semester Courses

6828	Intermediate Macroeconomics: micro-foundations of macro models, aggregate labor market, and fiscal policy	4	2	4	
5044	Advanced Data Analysis for Economists	2	1	2	
5076	Microeconomics III- Information, Market Power, and Game Theory	4	2	4	
9023	Econometrics 1	4		4	