

Double Major program in Economics and Entrepreneurship with Data Science

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First Year / Entrepreneurship

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

Fall Semester Courses

3101	Entrepreneurship, Creativity and Innovation - from 0 to 1	4		4	
5461	Excel for Data Analysis	4		4	
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	
2686	Introduction to Data Science	3	2	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	1	5	
5326	Principles of Micro Economics	4	2	4	
26035	Advanced English 2	2	2	2	

Spring Semester Courses

4415	Introduction to R	2	1	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	

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	
2686	Introduction to Data Science	3	2	4	
9687	FinTech	2		2	

Spring Semester Courses

9688	Machine Learning	2	2	4	
5462	Fundamentals Of Accounting	2		2	
2451	Marketing and Digital Marketing Management for Entrepreneurs	2		2	

ASE honors program RRIS

Course Code	Course Name	Lecture Hours	Recitation Hours	Total Credits	Prerequisites
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	

Third Year / Entrepreneurship

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

Year Long Courses

3rd year students are required to choose one mandatory year long Seminar:

3691	A Practical Project in Collaboration with Industry	4* 2**	2	6	
3087	Venture Creation Capstone Project : A	4* 2**		6	
3737	Entrepreneurship Seminar*	4* 2**		6	
3936	Research seminar	4* 2**		6	
6943	Business development and value creation for startups	4* 2**		6	
5361 @	Game Changers - Final Project	4**		4	
5379 @	Gaming-Human Psychology, UX and The Business of Games	4*		4	
5380 @	Tech, Data and AI in Gaming	4*		4	
3937	Practical Seminar in Entrepreneurship - Acceleration	4* 2**		6	
*	Students who are planning to participate in an exchange program abroad, will be taking this seminar				
@	Game Changers program: preliminary selections, the students who will be selected will attend the 5379 and 5380 workshops in the first semester and the 5361 seminar in the second semester.				

Fall Semester Courses

3215	UX UI	2		2	
9688	Machine Learning	2	2	4	

Spring Semester Courses

5090	AI tools for entrepreneurs	2		2	
5463	Deep Learning	2	2	4	

Third Year / Economics

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

Fall Semester Courses

5386	Applied Economics	4		4	
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Spring Semester Courses

9044	Writing Economic Policy Papers	4		4	
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