



## Master in Environmental Economics and Management

The Hebrew University of Jerusalem (HUJI);  
The Robert H. Smith Faculty of Agriculture, Food and Environment  
(the campus is located in Rehovot city, Israel)  
The Department of Environmental Economics and Management

### Background

The two-year Master program of the **Department of Environmental Economics and Management** provides the students with knowledge and training, focusing on economic problems in the areas of environment and natural resources, marketing and finance. The teaching and research topics include theories of microeconomics and macroeconomics, public economics, governmental intervention to control environmental impacts, rational dynamic planning of production and use of natural resources, industrial organization, mechanism design, game theory, political economy, and more. Taught by internationally-recognized scholars, the **M.Sc. Program in Environmental Economics and Management** equips students with solid foundations in economics, state of the art quantitative tools, and frontier knowledge in the chosen fields of specialization. Students participate in research projects conducted by the Department's faculty members in the framework of their master thesis, and enjoy an active, cohesive and stimulating academic environment in which to lay the foundations for a productive career. A long trajectory of successful placements endorses the quality of our program. Our graduates are pursuing careers in the job market for economists, and many hold managerial positions in various organizations in the business and public sectors, including governmental agencies, financial institutions, consulting companies, and international organizations. Some have been successfully accepted to top doctoral programs.

### Admission Requirements

- Undergraduate degree from a recognized university as follows:
  - Economics degree** (including **Environmental Economics**) – direct admission.
  - Accounting or Business Administration degrees** – direct admission if the candidate has completed the following pre-requisites (some of the courses are offered online and some can be taken in Hebrew as supplementary courses in the Hebrew University):

Course number	Course name	Syllabus	HUJI Credits	Online equivalent
71708	Introduction to Econometrics	<a href="https://shnaton.huji.ac.il/index.php/NewSyl/71708/2/">https://shnaton.huji.ac.il/index.php/NewSyl/71708/2/</a>	5	<a href="https://www.coursera.org/learn/erasmus-econometrics">https://www.coursera.org/learn/erasmus-econometrics</a>
71732	Consumer Theory	<a href="https://shnaton.huji.ac.il/index.php/NewSyl/71732/1/">https://shnaton.huji.ac.il/index.php/NewSyl/71732/1/</a>	4	
71737	Firm Theory	<a href="https://shnaton.huji.ac.il/index.php/NewSyl/71737/1/">https://shnaton.huji.ac.il/index.php/NewSyl/71737/1/</a>	4	<a href="https://learn.saylor.org/course/view.php?id=35">https://learn.saylor.org/course/view.php?id=35</a>
71742	Welfare Theory	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71742/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71742/1/</a>	4	
71746	Macroeconomics	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71746/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71746/1/</a>	4	<a href="https://learn.saylor.org/course/ECON202">https://learn.saylor.org/course/ECON202</a>
71747	Linear Algebra A	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71747/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71747/1/</a>	3	<a href="https://www.coursera.org/learn/linear-algebra-machine-learning">https://www.coursera.org/learn/linear-algebra-machine-learning</a>

- GPA of 80 or above (B on the A-to-D letter scale).
- English language proficiency requirements: Upper Advance level, according to University requirements (as detailed in: [http://info.huji.ac.il/en-overseas/english\\_requirements](http://info.huji.ac.il/en-overseas/english_requirements)).

More information on admission requirements and registration to teaching programs of the Hebrew University of Jerusalem can be found in: <http://info.huji.ac.il/en-overseas>.



## Teaching Program

The teaching program spans two years, and offers three tracks:

1740 – **Research Master Track**, 32 HUJI credits\* of courses + a master thesis, supervised by a faculty member from the Department (students should submit a research program signed by the supervisor by the end of the first academic year).

1777 – **Research Master Track - Marketing**, 32 HUJI credits\* of courses + a master thesis. This track focuses on research in the area of marketing. Admission to the marketing track (1777) is conditional upon fulfillment of the prerequisites in the courses 71733 (Marketing Management) and 71720 (Introduction to Market Research), or equivalent courses taught in other academic institutions.

1741 – **Non-thesis track**, 44 HUJI credits of courses, including a seminar.

Students registered to the Research-Master tracks need to find a supervisor and submit a research plan within 10 months of the first academic year.

\* 1 HUJI credit = an academic hour (45 minutes) a week during a fourteen-week semester.

## Courses

Course number	Course name	Syllabus	Credits
<u>Mandatory</u>			
71124	ADVANCED ENVIRONMENTAL ECONOMICS	<a href="https://shnaton.huji.ac.il/index.php/NewSyl/71124/1/">https://shnaton.huji.ac.il/index.php/NewSyl/71124/1/</a>	3
71158	MICRO ECONOMIC THEORY	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71158/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71158/1/</a>	4
71159	MACRO ECONOMIC THEORY	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71159/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71159/1/</a>	4
71989	ECONOMETRICS A	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71989/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71989/1/</a>	4
<u>Mandatory-Elective (9 credits)</u>			
71183	SELECTED ASPECTS OF THE ECONOMICS OF NATURAL RES	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71183/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71183/1/</a>	3
71990	ECONOMETRICS B	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71990/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71990/1/</a>	3
71993	INDUSTRIAL ORGANIZATION	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71993/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71993/1/</a>	3
73509	GAME THEORY	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/73509/1/">http://shnaton.huji.ac.il/index.php/NewSyl/73509/1/</a>	3
71163	ECONOMICS OF GROWTH AND DEVELOPMENT	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71163/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71163/1/</a>	3
<u>Elective (6 credits for thesis, 16 for non-thesis)*</u>			
71138	EXPERIMENTAL DESIGN AND ADVANCED STATISTICS FOR RESEARCH STUDENTS	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71138/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71138/1/</a>	4
71965	MULTIVARIATE DATA ANALY FOR MARKETING/AGRICULTURE	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71965/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71965/1/</a>	3
71983	ADVANCED MARKETING STRATEGY	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71983/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71983/1/</a>	3
71959	STRATEGIC JUDGMENT AND DECISION MAKING	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71959/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71959/1/</a>	4
71980	NUMERICAL METHODS	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71980/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71980/1/</a>	4
71165	MARKETING PERSPECTIVES OF PRICING	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71165/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71165/1/</a>	3
71985	OPTIMIZATION METHODS IN ECONOMICS	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71985/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71985/1/</a>	3
71100	M.SC THESIS	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71100/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71100/1/</a>	0
<u>Seminars</u>			
71108	SEMINAR (NON THESIS)	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71108/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71108/1/</a>	4
71196	RESEARCH SEMINAR A IN ENV. ECON.& MAN.	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71196/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71196/1/</a>	1
71996	RESEARCH SEMINAR B IN ENV. ECON.& MAN.	<a href="http://shnaton.huji.ac.il/index.php/NewSyl/71996/1/">http://shnaton.huji.ac.il/index.php/NewSyl/71996/1/</a>	1

\* Undergraduate courses can be selected up to 6 and 8 credits in the Thesis and Non-thesis tracks, respectively.

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## Scholarship Program for Excelling Graduate Students at the Faculty of Agriculture, Food, and Environment

The Faculty of Agriculture, Food, and Environment will be offering unique scholarships for excelling research track graduate students starting with the 2020-2021 academic year.

Excelling undergraduate students who chose to study for a master's thesis in one of the Faculty of Agriculture's research tracks will receive a monthly scholarship of 6000 NIS, and their tuition fees will be waived, for a period of two years (200%).

Acceptance to master's programs requires consent from the department and is dependent upon finding an advisor for one's thesis prior to registering for studies. Scholarship recipients will commit full time to their research (excluding cases in which they are required by their departments or by the institute to work as TAs) and to fulfill all academic requirements during the time allotted for their graduate theses.

Recipients will be chosen by the Faculty Scholarship Committee. To apply, candidates must acquire a recommendation from their advisors.

Candidacy is to be submitted online. **The last date for registration is 1.8.2020**

Required documents:

- Confirmation of studies – 2020
- Printout of undergraduate grades
- CV
- Short personal letter explaining why you think you should be a scholarship recipient
- A short description of your research
- Your advisor's recommendation

To submit your candidacy for a scholarship, go to <http://scholarships.ekmd.huji.ac.il> for the one-time registration process (there is no need to re-register if you registered in 2019 or 2020). Following this process, you will receive a username and password, which you can use to log in to the system, chose the appropriate faculty (agriculture), the appropriate scholarship, and click "ADD". Following this, the scholarship name will appear over the faculty name; click it and read the contents carefully, adding the required documents.

Under the "Instructions" tab, you will find detailed instructions as to how to fill out the online form, add documents, and send recommendations. You can change, edit, and add documents in your scholarships folder up until the deadline.

More details are available from Karen Dahari, Scholarship Coordinator, [kerendah@savion.huji.ac.il](mailto:kerendah@savion.huji.ac.il).