

## Contact us

-  University of Haifa International Graduate Programs
-  Graduate Life in Haifa
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- [infograd@univ.haifa.ac.il](mailto:infograd@univ.haifa.ac.il) 
- [www.uhaifa.org](http://www.uhaifa.org) 
- +972-4-824-0766 

University of Haifa International School, 199 Blvd Abba Hushi, Haifa 3498838, Israel



## About University of Haifa

The University of Haifa, established in 1972, situated near Carmel National Park, within a beautiful natural landscape in the mountains along the Mediterranean coast of Israel.

The University's distinctive mission is to foster academic excellence in an atmosphere of tolerance and multiculturalism - an environment which contributes to excellent research and to more exceptional, creative and productive alumni. The academic excellence is showcased in many various interdisciplinary and international programs, and by means of collaborations with academic institutions around the world.



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# International Master's Program in **Statistics** Department of Statistics Faculty of Social Sciences





## About the program

The International Master of Arts program in Statistics at the University of Haifa in Israel is dedicated to providing you with a rigorous, modern, and up-to-date education in Statistics. You will be trained to analyze and draw meaningful conclusions from data collected in a variety of application areas. This includes clinical trials, finance, genomics, and social media and web/mobile applications. The ability to reason with data is a skill that is becoming ever more important in the current age of Big Data, Data Science and the Digital economy. All courses are taught in English.

## Courses

The Non-Thesis Track lasts for three consecutive semesters over 12 months. In addition to a non-thesis track a Thesis Track is offered, which takes five semesters over 24 months. The courses include:

- Probability
- Applied statistics I
- Applied statistics II
- Algorithms for data analysis
- Stochastic process with applications
- Statistical Inference
- Statistical learning theory
- The analysis of large and high dimensional data sets
- Statistical Consulting Project

## Optional Language Courses

- Arabic
- Hebrew

Note: The courses are not a part of the graduate programs. Students may register for them separately.

## Tuition and Fees

For international students, cost for the full academic year is approximately **US \$ 10,000**. This amount includes tuition, fees for university services, and mandatory Israeli health insurance. Additional costs to take into consideration include living expenses such as dormitories or apartment rental expenses, food and personal expenses. Note: Tuition is reviewed annually in August.

## Admission Requirements

- BA in Statistics,/Mathematics/Computer Science
- GPA 3.0, average of 80% or equivalent
- Two recommendation letters
- Personal statement
- Curriculum Vitae/Résumé
- TOEFL scores (if native language is not English)

Note: Additional documents and/or pre-requisite courses may be required, depending on the program.

## Scholarships

We offer needs-based scholarships for international applicants. The scholarship deadline is **April 15**. Additional scholarship opportunities (from other sources) can be found on our website.

## Accommodations

All international students are enrolled in a full-time program of study are eligible to live on-campus housing. The University of Haifa offers apartments of three or six single rooms, each room with its own private bathroom, shared kitchen and living space. The dormitories provide many facilities for student use.

## Career Opportunities

The demand for statistical expertise, and for statisticians, is rapidly growing. In addition to the traditional jobs in academia, government and the pharmaceutical industry, there is today a huge demand in modern applications such as finance, e-commerce and social media to name a few. In some of these settings statisticians go by the name of data scientists.

Graduates of our program have found employment in academia, industry and/or government. Recent graduates have found work data scientists in the high-tech sector with transnational companies such as Intel and Microsoft, as statistical consultants in the biomedical companies, as well as with more traditional employers such as the Israeli Electric Company, the Israeli Ministry of Health, and Pharmaceutical companies.

**Program Application  
Deadline:  
May 31st**

**Scholarship Application  
Deadline:  
April 15th**