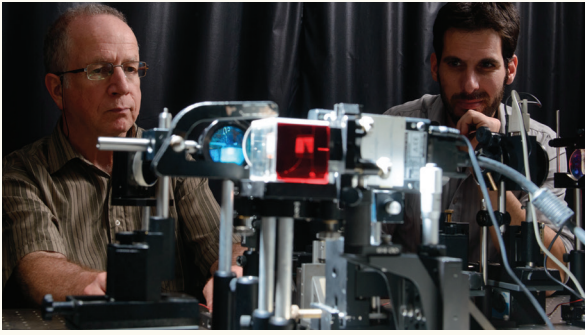


## International Program for M.Sc. in Electrical and Computer Engineering



אוניברסיטת בן-גוריון בנגב  
Ben-Gurion University of the Negev



## The Department of Electrical and Computer Engineering (ECE)

The Department of Electrical and Computer Engineering at Ben-Gurion University of the Negev was established in 1971. The department offers both undergraduate and graduate programs in a wide range of subjects that encompass both practical and theoretical aspects of electrical and computer engineering. The department has 35 faculty members, whose teaching and research fields include: Communications, control and robotics, signal and image processing, computer engineering, electromagnetics and wave propagation, electro-optics, instrumentation and non-linear electronics, VLSI and nanotechnology, biomedical engineering, and power electronics.

## M.Sc. Degree in Electrical and Computer Engineering

The aim of the M.Sc. program in Electrical and Computer Engineering is to provide the students with expertise and advanced knowledge in a selected field of specialization within electrical and computer engineering. M.Sc. students carry out a thesis research supervised by an ECE faculty with expertise in the selected field of specialization. Students graduating with an M.Sc. degree are qualified for senior research and development positions in industry, and may continue towards the Ph.D. studies. In particular, M.Sc. studies can be extended to Ph.D. in a combined track such that the thesis exam serves also as the Ph.D. candidacy exam. The M.Sc. degree is typically completed within 2 academic years (4 semesters). The fields of specialization in the ECE M.Sc. program include:

- Communications ■ Signal Processing
- Control Systems ■ Electromagnetics
- Electro-optics ■ Computers ■ Secure Systems

## Application Requirements

Applicants to the M.Sc. program should hold a B.Sc. degree in Electrical Engineering or in closely related fields at a minimum GPA of 80/100. A TOEFL score of 85/120 or equivalent score in an internationally recognized English proficiency exam is required. English proficiency requirement is waived for applicants who received their B.Sc. degree in a program taught in English. GRE is recommended but not required. Additionally, prior to applying to the M.Sc. program, the applicant is expected to contact a potential advisor among the ECE faculty.

## M.Sc. Thesis

The research leading to the M.Sc. thesis is carried out during the entire two years of the studies. The student is expected to publish and present the research results in leading international journals and conferences. The thesis is evaluated through a written report and an oral examination.

## How to Apply

Please visit our online application site at:  
<http://in.bgu.ac.il/en/Global/Pages/General/MasterPrograms.aspx>

## Tuition Fees

Tuition fee is nearly \$5000 per year. Outstanding students are eligible for scholarship which can cover the tuition fees and provide living expenses.

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## Further Details

Department of ECE at BGU:  
<http://in.bgu.ac.il/en/engn/ece/Pages/default.aspx>

Director of the graduate studies:  
Dr. Ron Dabora, email: [ron@ee.bgu.ac.il](mailto:ron@ee.bgu.ac.il)