

THE IBY AND ALADAR FLEISCHMAN FACULTY OF ENGINEERING

0512 Electrical and Electronic Engineering (sm)

0515 Electrical and Electronic Engineering and
Computer Science (Computer and Software
Engineering Program)

0516 Dual-degree Program in Electrical and Electronic
Engineering and Physics

0542 Mechanical Engineering (sm)

0555 Bio-Medical Engineering (sm)

0573 Industrial Engineering and Management (sm)

Courses of instruction toward the B.Sc. degree in
Engineering are based on the semester credit system.
The average completion time of the program is four
years.

Courses of the first four semesters concentrate on the
acquisition of the basic tools of mathematics, general
studies in the exact sciences, and the fundamentals of
engineering.

In the fifth and sixth semesters, students take basic
engineering courses relevant to their specific
engineering discipline. The seventh and eighth
semesters are devoted to expanding and advancing
professional knowledge, pursuing in-depth
specialization, and planning projects in the student's
fields of specialization.

Graduates of foreign high schools must have
successfully completed one academic year of the
Mechina in the exact sciences program or one academic
year at a university where the program included at least
one advanced mathematics course as well as courses in
exact sciences.

Applicants holding the British GCE must have passed
A-level exams in at least two subjects in mathematics
and the exact sciences.

Graduates of French secondary schools must have certificates indicating successful completion of the mathematics-physics course.

Applicants holding the Israeli Matriculation (Bagrut), see the Hebrew information booklet.

Candidates with previous academic studies that include high level courses in mathematics and physics may apply for admittance to an advanced year at the Faculty of Engineering provided they have a satisfactory study record and their minimum grade point average during at least one full year of study and their cumulative grade average is 80.

Applicants (who have no Physics), to the program in Electrical Engineering, Electrical Engineering and Computer Sciences and the dual degree program of Electrical Engineering and Physics, will be accepted on condition they successfully pass the classification exam in Physics with **a grade of at least 70**, until the beginning of the academic year. Those who apply to the programs for Mechanical Engineering, Industrial and Management Engineering, will be accepted on condition they successfully pass the classification exam in Physics with **a grade of at least 70**, until the end of the first semester.

The Admissions Committee will consider only candidates who submit the results of their matriculation and a record of the final Mechina (for newcomers only) grades by July 29, 2010.

When applying for admission, candidates may list on their application forms only one additional alternative to their first choice and should stipulate if their additional choice is from another faculty. Only if applicants choose 0512 and 0516 may they select a third engineering program.

Applicants must take the Psychometric Entrance Examination by March/April 2010 (or by July 2010, in French and Spanish). Students studying in the Mechina Program for newcomers may take the exam by July 2010.

Important!

Candidates for first or advanced years who do not hold Israeli Matriculation (Bagrut), must take the NITE's Mathematics Placement Exam. Candidates unable to take this exam should write to the Student Secretariat of the Faculty of Engineering no later than June 29, 2010; otherwise, they will be automatically rejected.

For details about the Mathematics Placement Exam, see the Examination Schedule in the colored pages of this booklet. The exam is valid for the five following academic years.

Candidates who are admitted to the Faculty, but do not have the required level of physics, will be required to supplement prerequisite courses and pass an exam before commencing physics studies at the Faculty.