

Ariel University

Tracing its beginnings back to 1982 as the College of Judea and Samaria, and known later as Ariel University Center, Israel's newest university, Ariel University, is evolving into a major institution of research and higher education and taking its place among the ranks of Israel's most honored and respected universities.

Ariel University is Israel's fastest growing institution of higher education, with 15,000 students and 26 departments in four faculties.

AU's faculties include Health Sciences, Engineering, Natural Sciences, Social Sciences and Humanities, as well as a School of Architecture, a School of Communications and School of Social Work.

AU's exceptional growth can be attributed to its perseverance in striving for the highest standards of academic excellence.

A large percentage of AU's faculty and students are new immigrants. Jewish students from abroad spend a semester (or more) at AU to take part in special courses.

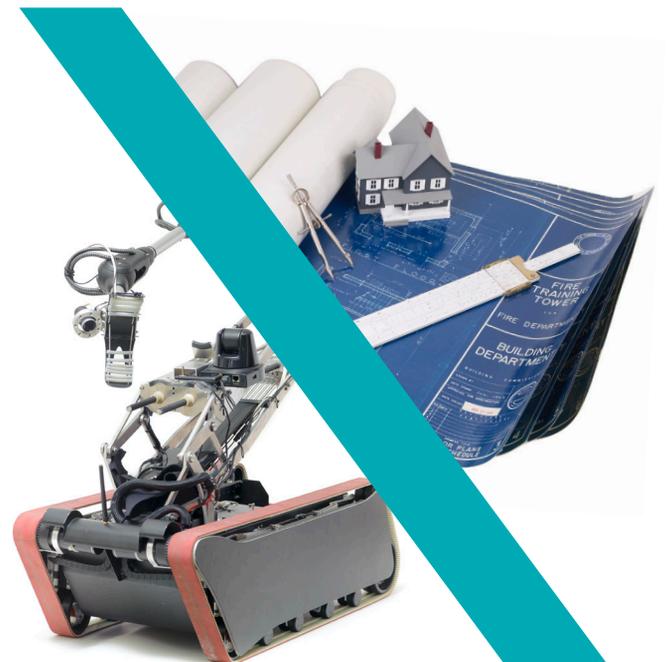
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ARIEL
UNIVERSITY



Study of Engineering in English in Ariel University

לימודי הנדסה באנגלית
באוניברסיטת אריאל

Ariel University offers a program in Engineering for English speakers.

The program is based on first year study in English, along with intensive Ulpan studies. The academic program includes core courses in mathematics and physics at the highest level, appropriate for all 5 Engineering Departments. The Ulpan prepares the students to a high level in Hebrew, which should enable the students to join the studies in Hebrew the following years.

The program is intended for high school graduates who are fluent in English.

Candidates who hold a matriculation or similar certificate which enables admission to universities abroad, can be accepted to the program, provided their grades qualify for the requirements of the departments.

During the summer preceding the Academic year, an intensive 'Mechina' (preparatory program) will be offered in English. The 'Mechina' is intended to bring candidates to the level equivalent to 4-5 Israeli matriculation units in math and physics. Candidates, whose level in math or physics is not high enough, will be required to complete successfully the 'Mechina' in the appropriate subject(s). Graduates of the 'Mechina', who successfully completed the two courses with an average of at least 70, will be accepted to the program.



Acceptance to the different engineering departments for the second year, is dependent on completing all first year courses successfully with an average of at least 70, and passing the Hebrew proficiency test ('Yael') with a score of at least 120.

The University provides academic, social and personal support, given by professional staff of the Dean's Office.

Following acceptance, students will be required to complete during the summer, the specific departmental prerequisite courses for second year, which are not given in the program. It is highly recommended to students, whose Hebrew level is sufficient, to take these courses in Hebrew during the first two semesters.

New immigrants, who are entitled to financial support from the Ministry of Absorption ('Minhal Hastudentim'), may use it for this program.

The initiation of this program is dependent on the number of participants.

The Curriculum of the program

Winter Semester:

Calculus 1:	5 hrs. lecture ; 2 hrs. drill	5 credits
Physics 1:	3 hrs. lecture ; 2 hrs. drill	3.5 credits
Technical English:	2 hrs. lecture ; 2 hrs. drill	3 credits
Jewish Heritage:	4 hrs. lecture ;	4 credits
Total:	16 hrs. lecture ; 4 hrs. drill	15.5 credits

Spring Semester:

Calculus 2:	5 hrs. lecture ; 2 hrs. drill	5 credits
Physics 2:	3 hrs. lecture ; 2 hrs. drill	3.5 credits
Linear Algebra:	3 hrs. lecture ; 1 hr. drill	3.5 credits
Jewish Heritage:	4 hrs. lecture ;	4 credits
Total:	15 hrs. lecture ; 5 hrs. drill	16 credits

