

ARIEL UNIVERSITY

A new spirit of academic excellence grows in the biblical heartland of Israel. Ariel University, Israel's newest and fastest growing university, traces its beginnings back to 1982, receiving full university accreditation in 2012. Evolving into a world-class research institution, Ariel University proudly raises the standard for higher education in Israel.



15,000+
Students enrolled



Second largest school of engineering in Israel – 29% of student body



25% of student body pursuing medical studies

450

Over 450 senior faculty members



Largest employer in the region, with **2500** employees

6

Jewish heritage courses are mandatory for all students



Established on the values of academic excellence, Zionism and democratic ideals

ACADEMICS



Innovative, multidisciplinary academics and research for the betterment of Israel and the world

7 Schools & Faculties



Medicine



Engineering



Health Sciences



Social Sciences & Humanities



Natural Sciences



Communications



Architecture

30+ Research Centers

In the fields of:



Health



Security



Energy



Environment



Technology



Middle East



Entrepreneurship

SOCIETY



Implementing practical programs to solve social issues. Drawing on proprietary intellectual property and working with government bodies, Ariel University provides practical options where most needed



ASPA
(Ariel Support Program for ASD)

Many high-functioning autistic students possess the intellectual capability to succeed academically, but lack the support and social and communications skills to do so



Program developed and pioneered in Israel by Ariel University



Largest program of its kind in Israel



Innovative "Buddy" system integrating them into student body



Professional guidance and tailor-made support for individual needs

Ariel University is committed to integrating immigrants into the academic arena



Uplifting Immigrant Communities



Helping demobilized soldiers achieve mandatory academic levels via courses in coordination with the Israeli Defense Ministry



Supported by the Israeli Ministries of Labor & Social Welfare and Immigrant Absorption



Highest number of Ethiopian students in any Israeli university or college

100 +

Ethiopian students enroll each year, more than in any other university

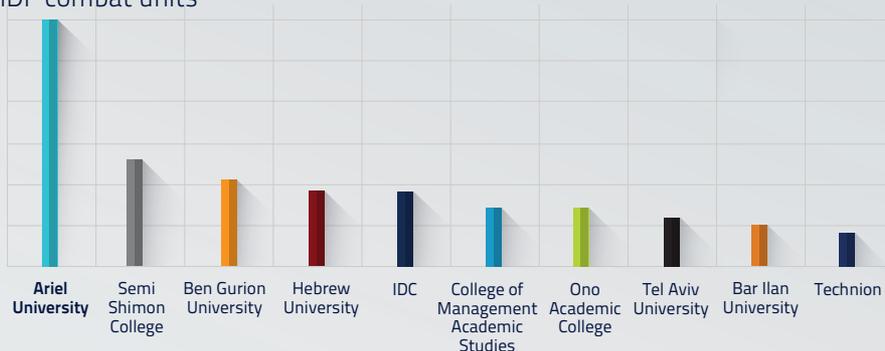


Providing financial support for basic needs: food, clothing, living allowance, etc

Ariel has the highest number of FIDF IMPACT scholarship recipients - students who served in IDF combat units

FIDF

IMPACT Scholarships for students from IDF combat units





COMMUNITY

Ariel University provides essential services to ALL demographics in the Shomron region



**Helmsley
Regional
Medical Center**

First major medical center in the region
Serving all residents in the region - Israelis and Palestinians; Residents from Central and Coastal Regions
Ambulatory and short term hospitalization surgical services
Emergency services
Advanced imaging services, including MRI and CT
Teaching center integrating research with treatment
Opening 2020



**Community
Clinics**

Clinics treating communication disorders, physiotherapy, occupational therapy, nutritional and psychological counseling.
Supported by all major Israeli HMOs



**Morris Family
Medical
Simulation
Center**

State-of-the-art Medical Simulation Center
Simulating real-life medical and mass emergency situations, terror attacks and accidents
Incorporated into medical and paramedical curricula (nursing, physiotherapy, social work, psychology)
Integrated into first responders training including MDA and IDF etc.

STARTUP & TECHNOLOGY



Ariel University fuses real-world experience with groundbreaking research to develop innovative platforms and practical applications for the defense, corporate and security industries



Research Commercialization

Led by Ariel Scientific Innovations Ltd.
(Ariel University's technology commercialization office)

75+

Active projects

33+

Granted patents

70+

Active patent families

20+

New patent applications each year

9+

Active startups

30+

Licensing agreements

Cutting-edge hub for theoretical and applied research activities
Innovating real-world solutions to complex issues on all cyber-security frontiers
Leading worldwide battle against cyber-attacks through unique training developed from IDF model of random-variable assaults



Ariel Cyber Innovation Center (ACIC)



Cyber Simulator Range



Global Security Cooperation



Advance Security Operation Center (SOC)



Training Center



Advanced Analytics and Cryptographic Research

Established in 2006 to provide solutions for Israel's pressing national security needs



The Homeland Security R & D Center



Detection of concealed weapons and explosives to provide port security



Detection of tunnels and supervision over subterranean infrastructures



Development of compact radar to identify land movement in dark and foggy conditions



Development of non-lethal systems for crowd control



R&D

Ariel University stands at the cutting edge of developing new technologies advancing the State of Israel in the hi-tech defense and agritech fields



The Samson Family Wine Research Center

Israel's only academic center for Oenology
Led by the **Eastern R&D regional center**

Aims to lead the technological development of viticulture and oenology in Israel
Contains a research winery and a wine analysis lab

5

PhD researchers (PI)

1

Startup company (Enolog LTD)

4

Technological patents in various developmental stages

3

Acres of research vineyards, including the endogenous Israeli grapevine collection

Ariel University is pioneering the complex field of expanding usable bands in the electromagnetic spectrum with the goal of revolutionizing massive multimedia data transfer and enhancing remote sensing and radar detection capabilities, among other applications



Wide Band Wireless Communications



Increased stand-off detection of weapons, ammunition, and explosives regardless of weather conditions



Facilitates transfer of massive multimedia data loads



Enhanced high resolution radar



Superior cellular communication- 5G technology



Wireless power beaming

Ariel University is developing the 'Wave' of the future: Wireless power transfer (WPT) wirelessly transfers energy via waves from one location providing power to another



Wave Wireless Power Beaming



Energy harvesting from air environment
Focused power beam transmits energy to remote or difficult to reach locations



Increases mobility



Can recharge UAVs/drones remotely



Safer for people and environment



CULTURE

Ariel University is dedicated to creating an enriching and stimulating cultural and social experience for our students



*Museum

Will display the rich history of Samaria, the Nation of Israel, local archeological finds and changing exhibitions



Host Poetry Slams & Spoken Word



The Samuel Aba and Sisel Klurman Amphitheater

Overlooking the Samaria hills, the amphitheater seats over 1,500



Hosting concerts, plays and standup comedy



Serving the student body and residents of Samaria



*The Motovich Center for Jewish Heritage

Includes classes and seminars on a wide range of Jewish and Zionist topics



*Cinema

Serving as a platform for budding film makers



Providing a venue for film study



Operating as lecture halls during the day



Beit Shalom Synagogue

Hosting prayers 3 times a day, including Sabbath services



Religious and secular students sharing Shabbat meals



Discussions between religious and secular students



Sport Centers

☆☆☆☆☆☆
State-of-the-art Country Club and Gyms



Sports Facilities



Health and Fitness Classes

**In progress*



Partner With Us and Make a Difference

For tax deductible donations:



Ariel University

Bank Leumi Le-Israel B.M.
Branch: 817
Acc No: 562100/60
SWIFT: LUMIILITXXX
IBAN: IL730108170000056210060

19 Hahasmonaim St., Tel Aviv, Israel



Ariel U Fund

Acc Name: Ariel U Fund
Bank: Bank of Melbourne
Acc Type: Society Cheque Account
Acc no: 415613909
Branch no: 193-879



Ne'eman Foundation Canada

TD Canada Trust
1677 Avenue Road
Toronto, ON M5M 3Y3
Institution: 004
Branch: 0252
Bank No.: 2
Account No.: 02525226859
Account Name:
Ne'eman Foundation Canada



American Friends of Ariel University Inc.

3145 Coney Island Ave.
Brooklyn, NY 11235-6477
USA

Chase Bank
Routing No: 021000021
Acc No: 470047502



Education in Israel Trust

Education in Israel Trust Business Premium
Account
Barclay's Bank PLC
St. Johns' Wood Area Branches
London NW3
08-45755555
Current Acc No: 40308471
Deposit Acc No: 40308463
Sort Code: 20-74-63
SWIFTBIC: BARCGB22

For more information contact:

Yakov Gaon, V.P. Resource Development & External Relations, yakovga@ariel.ac.il