Braude College

IRO INTERNATIONAL RELATIONS OFFICE

SUMMER INTERNSHIP AT BRAUDE COLLEGE OF ENGINEERING ISRAEL

>>>

WELCOME TO BRAUDE COLLEGE

Braude College strives for excellence in teaching and research in the fields of engineering and the sciences. We achieve this by empowering the individual and by establishing strong ties with industry, academia and the community.

Braude College plays an important role in the development and prosperity of the Galilee and its communities, attracting a diverse range of students from around the country, many of whom choose to live and work in the region following graduation.

We are committed to our mission: upgrading productivity in classic/traditional industry. In collaboration with our commercial partners, Braude College has established the Galilee Center for Innovation and Advanced Manufacturing in Israel, a national hub providing industries with diagnostic and consulting services in various fields of engineering.

At Braude College, students develop a toolbox of skills which prepares them for lifelong learning and for their futures as engineers in a fast-changing technological world. This toolbox includes teamwork, critical thinking, and the ability to communicate their ideas in English as well as in Hebrew. Through investing substantial resources in training, in improved teaching methods, and in student support systems, our college has created an environment that is both nurturing and challenging for our students. A firm dedication to high academic standards ensures the quality of our graduates, providing them with the education and skills they need to meet their personal and professional goals in the fields of engineering most highly in demand today.

We look forward to welcoming you to Braude College for your Study Abroad experience and wish you every success.

Professor Arie Maharshak, President

CONTINENT

REGION

Western Asia
Middle East

SIZE

22,000 km²

NEIGHBORING COUNTRIES

Lebanon
Syria
Jordan
Egypt
Palestinian Authority

CAPITAL CITY

JERUSALEM

City population
936,425

POPULATION

9,354,720

AVERAGE LIFE EXPECTANCY

81.28

LANGUAGEES

English
Arabic
Hebrew

RELIGIONS

75.5% Jewish
16.8% Muslim
2.1% Christian
5.6% Others

MONETARY UNIT

SHEKEL

INTERNATIONAL COUNTRY CODE

IL+972

CLIMATE

18°c - 30°c
hot and dry summers

6°c - 15°c
cool and mild winters

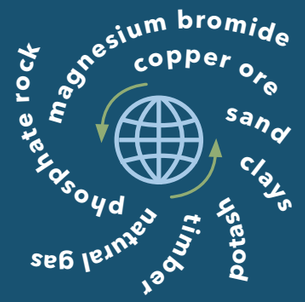
YEARLY RAINFALL

60 cm
(average) mostly in winter

GEOGRAPHY

Coastal plain
Central mountains
Southern desert

NATURAL RESOURCES



INDUSTRY

electronics, plastics, wood and paper products, potash and phosphates, cement, food, beverages, tobacco, caustic soda, construction, metal products, chemical products, textiles, diamond cutting, footwear

AGRICULTURE

citrus,vegetables, cotton, poultry, beef, dairy products

ANIMAL LIFE

Jackal, Hyena, Wild boar, Gazelle, Fox, Deer

PLANT LIFE

Vines, Fig, Olive Citrus trees, Banana Avocado, Palm, Oak Broom, Numerous Wildflowers

BIRD LIFE

Buzzard, Pelican Starling, Vultures

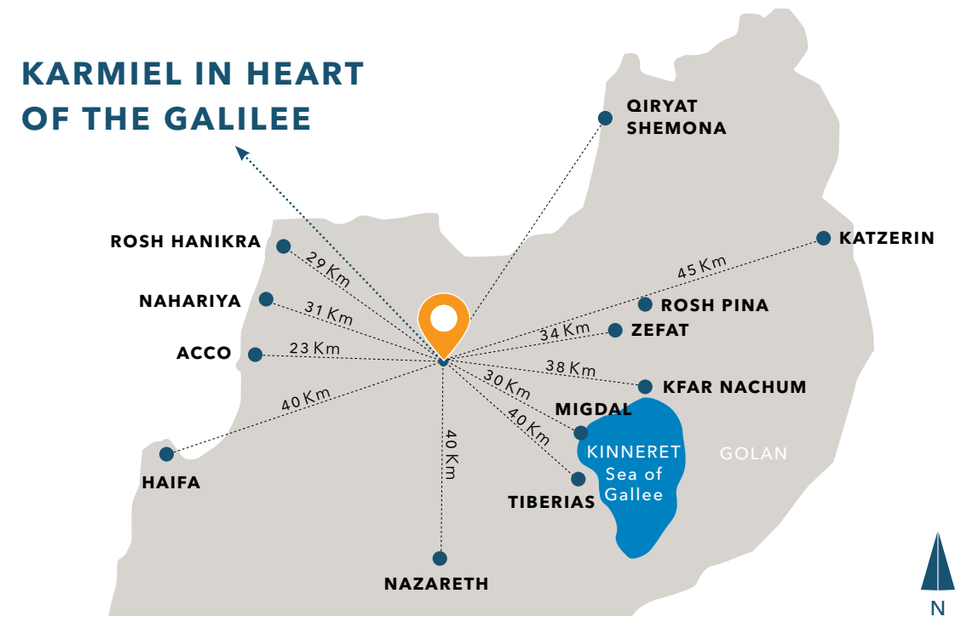
KARMIEL,ORT Braude

City, in the heart of the Galilee District

Travel Advice:

Do not enter

GALILEE



Braude College is perched on a hill in the city of Karmiel, which divides the upper and lower Galilee. The Galilee is a mountainous region in the north of Israel, characterized by rocky hills, green fields and colorful wildflowers. Its relatively abundant water and fertile soil have made for thriving wildlife and thousands of years of human settlement.

The Galilee houses a tapestry of ethnic communities. Alongside Jewish cities and towns, there are Arab, Druze, and Circassian villages. A hub of tourism, the Galilee offers antiquities, parks, nature reserves, and religious sites. The Galilee is also a center of arts and culture, and of industry. Numerous high-tech companies are located here, having drawn some of Israel's finest scientists to the region.

The natural beauty, historical and archeological sites, cultural diversity, and innovative industries make the Galilee a fascinating region, with something to interest almost all visitors.

BRAUDE COLLEGE OF ENGINEERING IN KARMIEL

Braude College, based in the city of Karmiel, is a leading engineering institution in northern Israel. Established in 1987, the beautifully landscaped college has some 3,000 undergraduate and graduate students.

An academic, technological and scientific center in the Galilee, Braude College helps develop local high-tech industries.

Braude College offers B.Sc. degrees in biotechnology engineering, electrical and electronic engineering, industrial engineering and management, civil engineering, information systems engineering, mechanical engineering, software engineering, applied mathematics and industrial engineering and management.

The college confers M.Sc. degrees in biotechnology, software engineering, industrial engineering and systems engineering.

At Braude College, each student is valued, and receives personal attention from faculty and staff. Students also benefit from the college's connection with top-ranking industries.

BRAUDE COLLEGE DEPARTMENTS

MECHANICAL ENGINEERING

- **Mechatronics**
- **Polymers**
- **Bio-Mechanics**
- **Design and Manufacturing**

ELECTRICAL & ELECTRONIC ENGINEERING

- **Computers**
- **Signal Processing Communication**
- **Devices & Systems**

SOFTWARE ENGINEERING

- **Algorithms**
- **Signals and Communication**
- **Software Engineering**

CIVIL ENGINEERING

- **Smart buildings**
- **Green buildings**
- **Infrastructure**

BIOTECHNOLOGY ENGINEERING

- **Food**
- **Bio-Molecular**
- **Environmental**

INDUSTRIAL & MANAGEMENT ENGINEERING

- **Management and Services**
- **Science and Technology**
- **Information Systems**
- **Management**

OPTICAL ENGINEERING

APPLIED MATHEMATICS

GENERAL STUDIES

BRAUDE COLLEGE MAP

A	Student Dormitory
B	Dean of Students
C	Staff dormitories
D	Mechanical and Biotechnology Engineering
M	Software and Industrial & Management Engineering
EM	Student Dormitory
L	Classrooms
P	Optical Engineering

SUMMER INTERNSHIP at BRAUDE >>>

International students are invited to apply for an internship position in one of Braude's engineering departments. Interns benefit throughout their internship from expert and caring faculty.

Projects can be mainly practical or may be more research-based, but all encompass real-world engineering challenges and enable students to gain valuable experience and develop professional connections in the field. Interns can also register for courses offered in English during the spring semester.

As an intern at Braude, you will live on campus with Israeli students, and will join the spring semester international students in stimulating academic field trips and a wide variety of extra-curricular activities.
The option of an adoptive family in Karmiel will help you to feel right at home and become familiar with Israeli culture and society close-up.

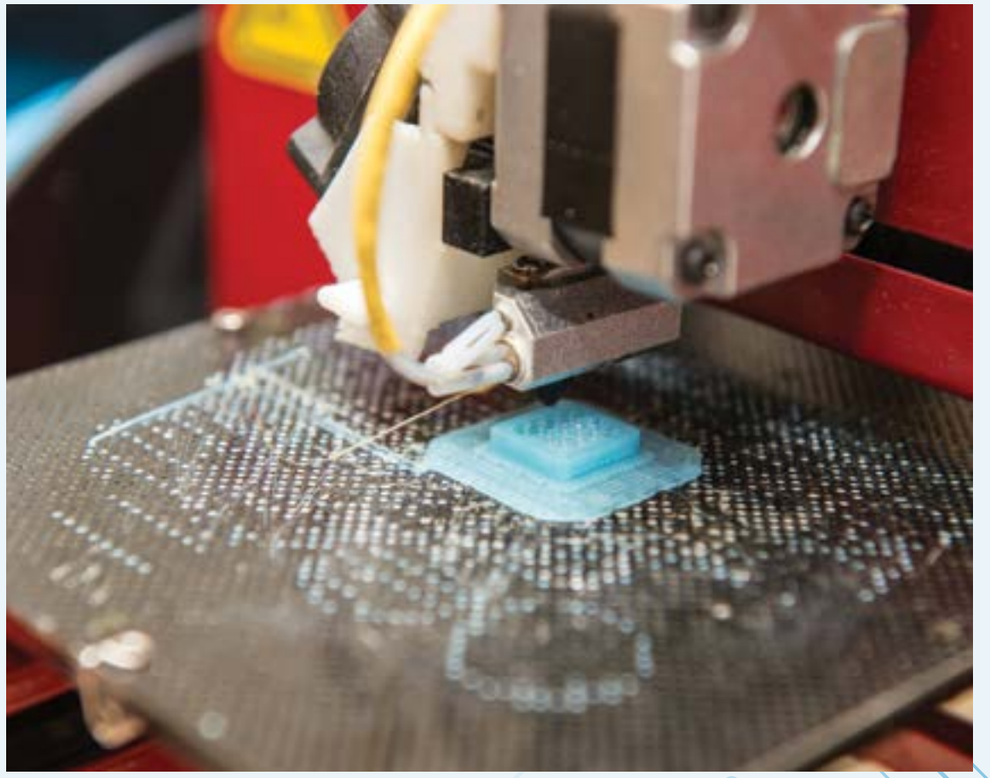
The program schedule is flexible and can run in parallel to regular semesters or for US students from May till September.

You can investigate our researchers' fields of interest or apply directly to one of the internships publishedon the website.

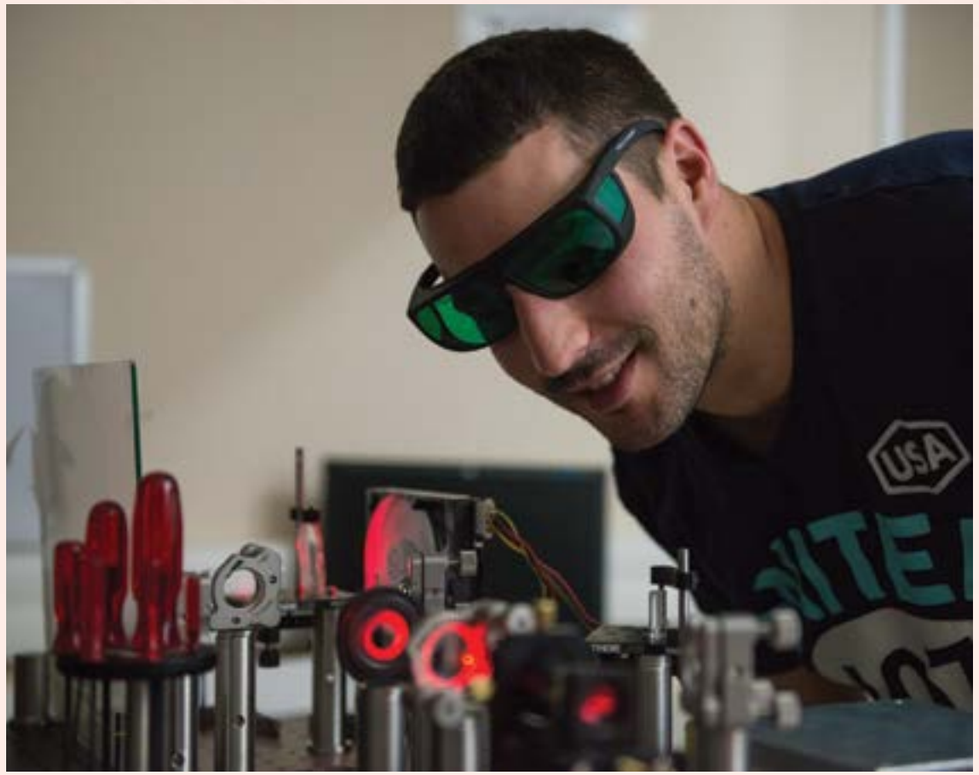
Biotech Laboratory

Mehalev - Engineers for the community

Mechanical Engineering Laboratories



Mechanical Engineering Laboratories



Applied Physics Laboratories

BEYOND the LABORATORY >>>

SECURITY

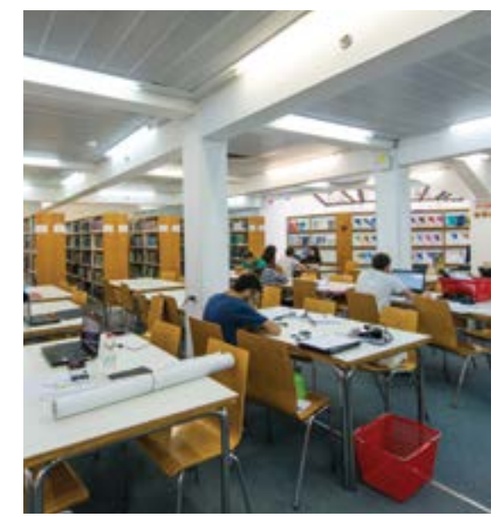
The safety and security of the students is taken very seriously. All students receive a comprehensive security orientation upon their arrival. Guards and security teams are on duty around the clock. All student activities, on and off campus, meet the strictest security requirement.

LEARNING FACILITIES

On campus, learning facilities are spacious and comfortable, equipped with today's most advanced technology, computerized libraries, up-to-date laboratories and computer labs. Free access to WiFi is enabled across campus.

HOUSING

During the spring semester at Braude, students will live on campus in spacious and comfortable dormitories, sharing living space with fellow international and Israeli students. Every dormitory unit has a kitchenette equipped with a refrigerator, a hot plate for cooking, and other basic kitchen accessories.



HEALTH INSURANCE

Braude College purchases health insurance coverage for students who participate in the Study Abroad Program.

SPORTS

Braude's sports facilities include a gym featuring aerobic and weight-training machines. A subscription to the Karmiel Country Club can be purchased for multiple entries to the indoor and outdoor swimming pools and tennis courts.

FOOD ON AND OFF CAMPUS

During week days there are several food services available for students on campus – vegetarian and meat based. On Friday afternoons and Saturdays, the food services are closed. For your convenience, we have provided the following price list of common food products that you may want to buy while living in the dormitories. As you might expect, the prices vary somewhat from store to store, and the lowest prices can be typically found in outdoor markets. Prices in supermarkets may be higher. The table below lists price ranges of typical products. Eating habits are personal, and every student manages their food consumption individually. However, from experience, we have noticed that students who used the kitchen in the dormitory unit during the study abroad program for cooking, spent between 220-280€ per month for food. The information here is presented to help you budget your financial resources during the study abroad program.

45659

PRODUCTS	€
Milk (3% fat), (1 liter)	2
Loaf of Fresh Bread (500g)	1.5
Rice (white), (1kg)	3
Eggs (regular) (12)	3.5
Local Cheese (1kg)	6.2-9.9
Chicken Breasts (1kg)	5.5-8.8
Beef Round (1kg)	10.5-16.8
Apples (1kg)	1.5-2.6
Bananas (1kg)	1.2-1.8
Oranges (1kg)	0.8-1.5
Tomatoes (1kg)	2-4
Potatoes (1kg)	1-3
Onions (1kg)	0.5-0.8
Lettuce (1 head)	0.8-1.4

If you are planning to travel in Israel during the program, you should consult with internet sites and experienced travelers in Israel, to gauge the cost of travelling in Israel.

HOW TO GET TO BRAUDE

Entering Israel

The best way to get to Israel is by air. The international airport of Israel is Ben Gurion Airport which is approximately a 2-hour train journey from Karmiel.

Train service

Information regarding the timetable and routes of all train services is available through **the Israel Railways information site** and by telephone:
***5770 or 972-3-5774000**

Bus service

Detailed information on travel times and service frequencies on various bus lines can be obtained from the **Egged site**.

Israel's public transport card

DATES AND FEES

SUMMER INTERNSHIP

Dates The summer internship period is flexible and can transpire between March 2023 and September 2023 dependent on the availability of supervisors and academic requirements.

FEES INCLUDE

- Housing • Health insurance
- Tuition fees for academic courses are paid at the home institution

EXCURSION FEES

Extra curricular activities such as excursion trips will be available for an additional fee. Activities and fees will be published on our website before the semester begins.

APPLICATION

Apply here for one of the Study Abroad programs at Braude.

Candidates are required to submit the following documents:

1. Letter of application
2. CV/resume
3. University transcript
4. Learning agreement

Please address all queries to:

Ms. Yael Chen, Administrator,
International Relations Office
international@braude.ac.il
Tel: **972-4-9901971**

* * Braude College reserves the right to make changes to the published programs * *

LOOKING FORWARD *to* SEEING YOU :)

Braude College

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