

TEL AVIV UNIVERSITY SUMMER INSTITUTE 2018

JULY 24 - AUGUST 17, 2018

SMART CITIES (4 CREDITS)

THE LAST DECADES HAVE WITNESSED UNPRECEDENTED POPULATION AND URBANIZATION GROWTH WITH THE IMPLICATION THAT TODAY, FOR THE FIRST TIME IN HUMAN HISTORY, MORE THAN HALF OF THE WORLD'S POPULATION LIVES IN CITIES. THE CONSEQUENCES OF THIS URBANIZATION TREND ALONG WITH THE NOTION OF SMART CITIES ARE THE SETTINGS OF THIS PROGRAM.

Set in the "World's Smartest City", the program aims to introduce students to rapidly developing ICT (information communication technologies), and how it opens new possibilities and opportunities to solve some chronic urban problems as well as handle some newly recognized environmental and social problems.

The focus of the program will be on traffic congestion, urban sustainability, resilience, governance and urban planning all while discussing the most prominent issues associated with smart cities such as ethics, transportation, governance, urban planning and design, sustainability and resilience.

The course will take place inside and outside of the classroom and will include visits to Tel Aviv Municipality's facilities as well as meetings with city officials that deal with Smart City solutions.

The program is in collaboration with "City Center" – TAU's Research center for Cities and Urbanism.

Program is open for graduate students and students at the last year of their undergraduate degree.

Courses are subject to change. For information and updated dates please refer to our website.

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ADMISSION AND SCHOLARSHIP

The application process is done entirely <u>online</u>

The following documents will have to be submitted:

- Official transcript general grade point average requirement of 80 on a scale of 100, or 3.0 on a scale of 4.0
- Two academic recommendation letters
- Demonstrate command of English exams: TOEFL test results (minimum score: written 582, computer-based 223, or iBT 89) or the IELTS test (minimum score: 6.5)
- Application fee of \$60

HOUSING AND FACILITIES

Students will be placed in our renovated dorms, adjacent to the Tel Aviv University campus. Dormitories are divided into suites of two bedrooms shared by two students per bedroom. Each suite is furnished and includes an air conditioner, cable TV, wireless, kitchenette and bathroom.

SERVICES AND SOCIAL LIFE

Outside of the classroom, an extensive program of cultural and social events gives students the chance to experience all that Tel Aviv and Israel have to offer. You will enjoy the following:

- Orientation day before the start of the program
- Organized excursions to cultural destinations and subject-related sites of interest
- Social activities including on-campus events, museum visits, city tours and more
- 24/7 support from our madrichim (social counselors), living in the dorms with the students
- Health insurance
- Access to our libraries and other on-campus services

APPLICATION DEADLINE MARCH 31, 2018

ABOUT TEL AVIV UNIVERSITY

Tel Aviv University is Israel's largest and most comprehensive university, attracting talented students and renowned faculty from around the globe. Scoring high in global rankings, the university has a strong interdisciplinary focus and collaborates closely with many leading institutions in the USA and Europe. The campus is located in Tel Aviv, the financial and technological capital of Israel – which is known for its entrepreneurial atmosphere and large number of start-up companies. With the growth of high-tech industries, the Tel Aviv metropolis has become an international hotspot for business and innovation – an ideal setting for an enriching study experience.

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