



Cairo University



Faculty of Urban
& Regional Planning

Sustainable Green Cities

Planning and Design Program

1 About this Program

- The program of "Green Cities Planning and design" offered by the faculty of Regional and Urban Planning as one of the applied engineering science faculties under jurisdiction of Cairo University and the engineering sector of supreme council of Universities.
- Student fulfilling the program requirement is granted the Bachelor of Regional and Urban Planning - in the field of "Green Cities Planning Engineering and design".
- The student certificate will be issued and certified from the Cairo University, Faculty of Regional and Urban Planning.
- Graduates should be able to register within the Egyptian Engineering Syndicate under the "Architecture division" also the membership of the Arab Union of Engineering is granted.

1 About this Program

The Faculty of Regional & Urban and Planning (FRUP) is considered one of the oldest planning schools in the Middle East, FRUP has a long history of educating Egyptian planners who served Egypt and most countries of the Arab world.

Adding a new program in English will enable FRUP to FRUP decided to establish a new program in order to comply and promote Egypt's role in fulfilling the United Nations Sustainable Development Goals and sustainable world initiatives that the country actively participated in.

A key focus in Egypt's 2030 sustainability vision is the creation of Green Cities. Hence there is a need for a new educational program based on the concept of green planning, engineering and design, to disseminate knowledge regarding Green Cities and their creation.

2 Why this Program?

- The aim of this program is to enable national and international students to contribute positively to creating Green Cities worldwide.
- The program would teach them the **values, skills, and provide knowledge** required to be proficient Urban Planners and Designers.
- This could be achieved by learning to attain harmony between the three pillars of sustainability: **physical, social and economic**



2 Why this Program?

Physical

- By acquiring a deep understanding and skill set to deal with different aspects of the physical environment: houses, commercial and service buildings, factories, roads, transportation, parks, gardens and public spaces.



2 Why this Program?

Social

- Understanding a target group, through understanding their physiological and psychological needs, as well as their social interactions, is essential to identify needs and set design parameters.



2 Why this Program?

Economic

- Without a deep understanding of a city's economic, social and environmental conditions, the creation of Green Cities would remain utopian dream..

Green City Clean Waters **IMPACT**



2 Why this Program?

Professionally, a graduate will be

- **A PLANNER** who combines the precision and problem solving skills of an engineer,
- as well as the aesthetic and artistic skills of **AN ARCHITECT**,
- in addition of a deep understanding of the society and the economy of a successful **POLITICIAN**.



2 Why this Program?

- *Al Azhar Park*, is one of the contemporary Landscape wonders of Cairo. It integrates the great Egyptian Heritage in a scenery park, designed by Dr. Maher Stino and Dr. Laila ElMasry.

- Both are members of the Faculty of Regional and Urban Planning's academia and are among the most remarkable names of Landscape architecture in the Middle East..



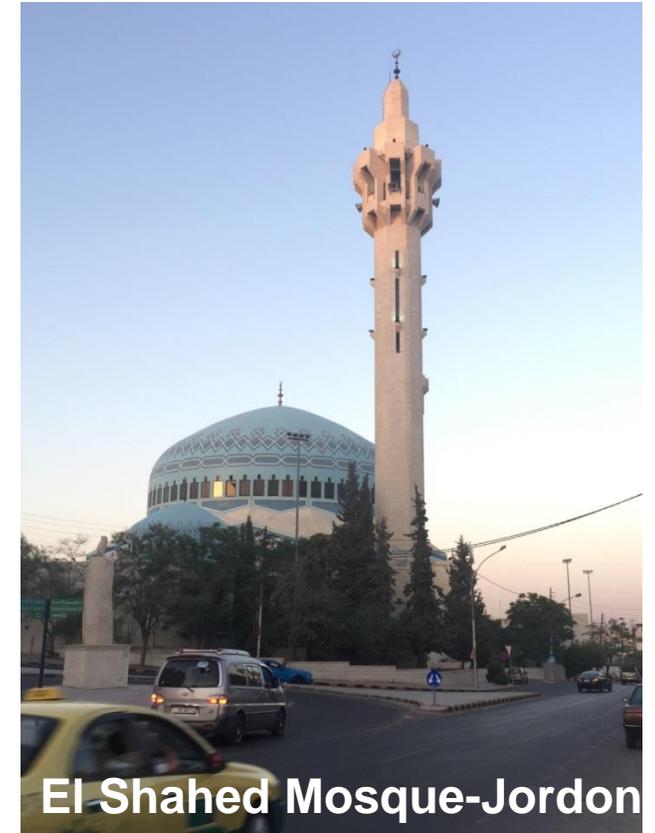
2 Why this Program?

- *Madinaty*, an example of a Green City, was planned by Dr. Mahmoud Yosry, Dr. Abdelmohsen Barrada and Dr. Ahmad Yosry.
- All three are pioneers in Urban Design, Housing Studies and Urban Planning, respectively.
- It is FRUPs honor to have had all three pioneers in the position of Dean of FRUP.



2 About Our Professors

- The most prestigious pioneers in the field of urban design in Egypt and the Arab world are Professors in FURP



2 About Our Professors

The most iconic projects in Egypt were created by the vision of the FURP professors



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El Rawda



Arabella Park



Heliopolis club resort

2 About Our Professors

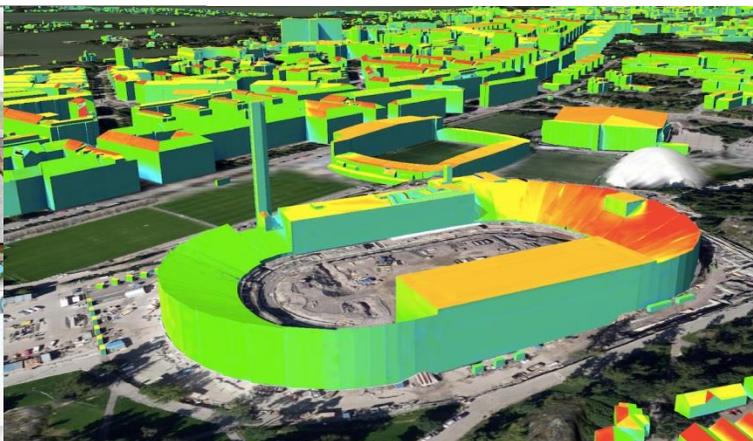
FRUP professors held influential positions as Ministers and Governors in the last 10 years



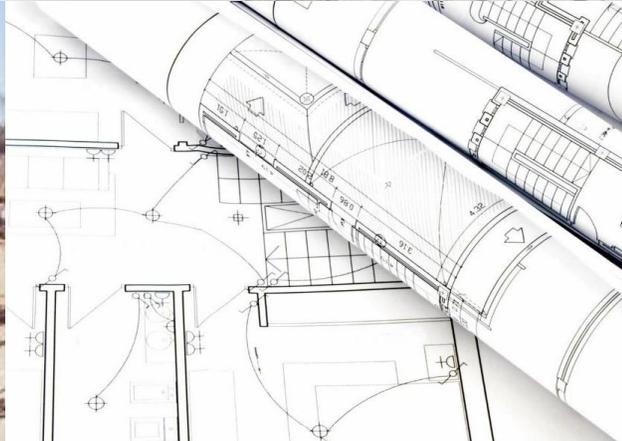
وزارة الإسكان والمرافق
والمجتمعات العمرانية

The GCPD Program qualifies the students after the graduation to get the opportunities to work in the different fields of

- *Urban Design,*
- *Environmental Planning & Engineering,*
- *Landscape Architecture*
- *and Geo-informatics.*



- Graduates are capable to create designs, plans, working drawings, licenses drawings, tender documents, workshop drawings, presentations, and site construction tasks in the international and national fields.



Graduates would be able to work in:

- ***International institutions*** dealing with urban development issues (UNICEF- UNDP- UN-Habitat- GIZ-...)
- ***Governmental Institutions*** (Ministry of Housing, Utilities and Urban Development: The General Organization of Physical Planning (GOPP), New Urban Communities Authority, the Central Agency for Reconstruction, National Planning Institute- ,,,)
- ***Private Sector*** (International and national consultation institutions)

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