Know The TU Berlin Campus El Gouna

www.campus-elgouna.tu-berlin.de
Campus El Gouna is a satellite campus of the TUB in Germany.

A Non-Profit Public Private Partnership.

Know the TU Berlin Campus El Gouna
What Makes TUB-CG?

- **Officially Recognized As A German Public University,**
  we are a German state-controlled Campus, in Egypt.
- **Campus And Laboratory Equipment**
  conform to German quality and standards, Certified TÜV.
- **The Academic Sector** is run exclusively by German or German educated staff.

**Master’s Graduate Class of 2014**
Know Our Institutional Goals

Campus El Gouna Institutional Goals

- Increase scientific competence in all fields of sustainable development in the MENA region with focus on the key challenges and opportunities of the region.
- Link scientific education with research, academic & vocational training as well as entrepreneurship.
- Provide the MENA region with scientific solutions

Through

- Specialized postgraduate programs in the fields of applied science & technologies.
- Launch of Summer courses and Management support courses in the fields of.
- Become the cultural and scientific gateway between the MENA countries and Europe.
Know The Master Programs

- Academic Programs – M. Sc. Degrees
  - Energy Engineering
  - Water Engineering
  - Urban Development
The Method of Teaching

EE / WE / UD Master Programs

- Lectures
- Seminars
- Internship
- Lab Courses
- Interdisciplinary Projects
- Integrated Courses With Professors From TU Berlin
- Self-study
- Excursions To Selected Sites
- Exhibitions And Industrial Fairs

Field Experiments
Lectures & Students Project Work

Know the TU Berlin Campus El Gouna
Know the TU Berlin Campus El Gouna
EE - Technical Hall

Know the TU Berlin Campus El Gouna
WE - Concept Equipment

Fieldwork
- Drilling
- Sampling
- Flow Measurement

Testing Lab
- Pumps

Chemical Lab
- Hydraulics
- Analytics (IC)
- Analytics (ICP)
- Microscope
- Analytics (Photometry)
- Analytics (AAS)
- Analytics (Organic)
- Analytics (ICP)
- Desalination (Membrane)
- Treatment Plant
- Lab Chemical
- Lab
The courses have been designed in frame of,

- Regional problems, qualified personnel and leadership.
- Full time / English taught
- Certified M. Sc Degree from TU Berlin.

**The Study Location**, majority of the courses are held at Campus El Gouna.

- Urban Development
- Energy Engineering

Attends the second semester at Campus Charlottenburg, Berlin.

The programs meet the requirements of the European Education Ministers' 1999 Bologna declaration for European Higher Education Areas. [http://ec.europa.eu/education/higher-education/bologna_en.htm](http://ec.europa.eu/education/higher-education/bologna_en.htm)
The Master Programs Concepts

Energy Engineering
- Energy Conversion And Components
- Energy Systems And Economics
- Electrical Energy Engineering
- Interdisciplinary Studies

Water Engineering
- Water/ Wastewater Treatment
- Water Science
- Hydro-engineering Infrastructure
- Interdisciplinary Studies

Urban Development
- Urban Planning
- Project Management
- Technical Infrastructure
- Interdisciplinary Studies
Dry Climate and Developing Countries

Situation of Urban Development

Energy Engineering
- Renewable Energy
- Sustainability
- Practice

Water Engineering
- Water Shortage
- Sustainability
- Practice

Integrated Planning
- Sustainability
- Practice
What is the Master’s curriculum?

Energy Engineering
http://www.campus-elgouna.tu-berlin.de/energy/v-menu/msc_energy_engineering/modules_and_curricula/

Water Engineering
http://www.campus-elgouna.tu-berlin.de/water/v-menu/msc_water_engineering/modules_and_curricula/

Urban Development
http://www.campus-elgouna.tu-berlin.de/urban/v-menu/msc_urban_development/modules_and_curricula/
WE/EE 2014 – 2nd IWatEc Winter School: Water and Energy for Egypt

15 well-known experts from Germany and Egypt gave lectures / presentations on:

- Membrane technologies, solar driven desalination, sustainable water management,
  microbiology in drinking water, ecology and human health, solar cell technology and wastewater treatment.
UD 2014 – Wolfsburg Excursion - Berlin
The weather station, Feb. 2013
Excursion Hannover Messe 2013

Know the TU Berlin Campus El Gouna
Who Can Apply

Energy Engineering (EE)
Qualification in energy related engineering is required: Mechanical, Electrical, or Chemical Engineering.

Urban Development (UD)
Qualification in a city related discipline is required: Architecture, Urban Planning, Environmental Planning, Geography, Urban Design, or Landscape Planning. Candidates with a background in Civil Engineering, Law, Political Science, Business, Administration, Sociology, or Economics are also encouraged to apply.

Water Engineering (WE)
Qualification in water related engineering or a natural science is required: Environmental, Chemical, Civil, Mechanical or Process Engineering, Biology, Geosciences, Chemistry, or similar.

Application Deadline is May 31\textsuperscript{st}, 2015
Facts To Know

- Certified by the TU Berlin Germany
- Teaching all done by German Professors and Researchers
- Taught in English, applied research thesis study.
- 2 year full time, in El Gouna, Egypt and Berlin, Germany

Application Deadline is May 31st, 2015

Apply Online visit-
www.campus-elgouna.tu-berlin.de/v-menu/admission_process/application

Scholarship information and Guidelines visit-
www.campus-elgouna.tu-berlin.de/v-menu/admission_process/scholarships

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TU Berlin Campus El Gouna
The MENA Gateway to Scientific Competence