

Know The TU Berlin Campus El Gouna

www.campus-elgouna.tu-berlin.de



What Makes TUB-CG?

- A Non-Profit Public Private Partnership.

Founding Partners



مؤسسة ساويرس للتنمية الاجتماعية
Sawiris Foundation For Social Development



ORASCOM
DEVELOPMENT

- **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.



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

Field Experiments

Self-study

Excursions To
Selected Sites

Exhibitions And
Industrial Fairs



Lectures & Students Project Work





Know the TO 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



Hydraulics



Treatment Plant



Desalination (Membrane)

Chemical Lab



Analytics (IC)



Analytics (Photometry)



Microscope



Analytics (AAS)



Analytics (ICP)



Analytics (Organic)

Know The Master Programs

The courses has 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



The Master Programs Concepts

Energy Engineering

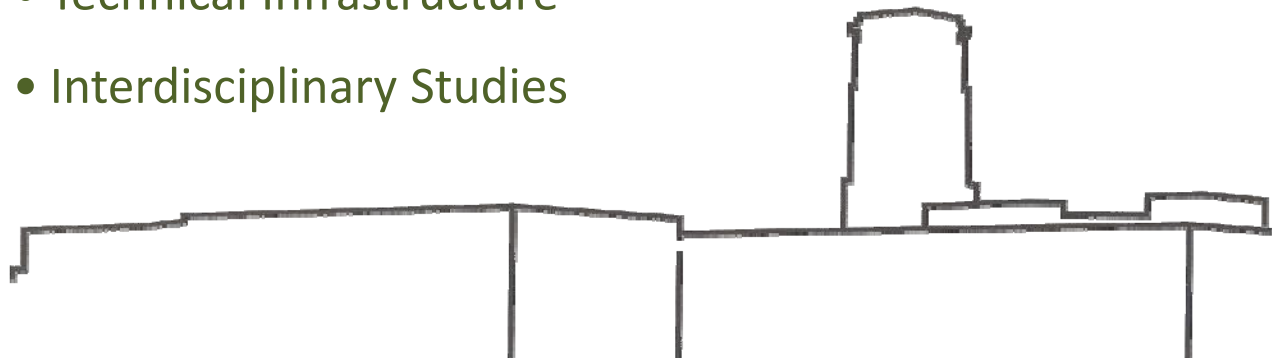
- Energy Conversion And Components
- Energy Systems And Economics
- Electrical Energy Engineering
- Interdisciplinary Studies

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

Energy Engineering



- Renewable Energy
- Sustainability
- Practice

Situation of Urban Development



- Integrated Planning
- Sustainability
- Practice

Water Engineering



- Water Shortage
- 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/

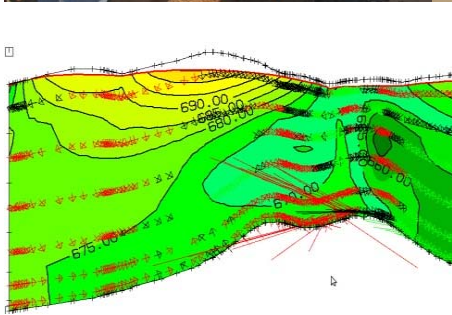
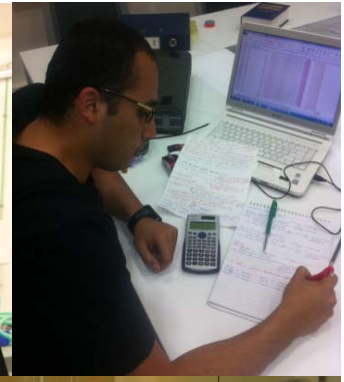
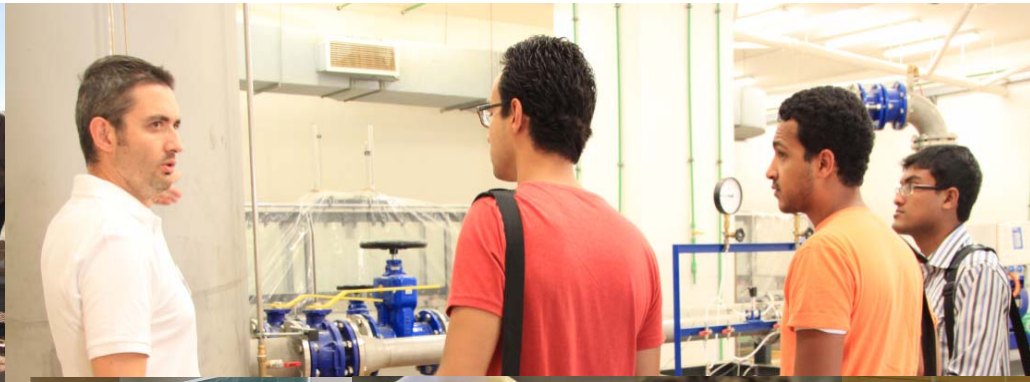
Urban Development

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.





EE 2014 – Largest Power Plant Reuter West - Berlin





UD 2014 – Wolfsburg Excursion - Berlin



The weather station, Feb. 2013



Excursion Hannover Messe 2013



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.



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



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