

DEPARTMENT OF STATISTICS AND QUANTITATIVE METHODS

GEM TUNIS - GREEN ENERGY MANAGEMENT

 **DATES** ENERGY SOLUTIONS FOR A SUSTAINABLE ENVIRONMENT

6-16 SEPT 2020

 **CREDITS**

5+1 ECTS

 **TUITION**

€ TBD

INCLUDES ALL COURSES ACTIVITIES, VISITS, LECTURES, HOUSING, PART OF MEALS. TRAVEL AND OTHER LIVING EXPENSES ARE NOT INCLUDED IN THE TUITION FEE

APPLICATION DEADLINE

 15 MAY 2020

LOCATION

 TUNIS, TUNISIA

CONTACT

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IN COOPERATION WITH

PROGRAM DESCRIPTION

GEM (Green Energy Management) Summer School offers an exciting and experience in the context of circular economy with a particular focus on climate change and environmental issues. The main aim of GEM is to provide international students with a context sensitive first-class training in the field of Green Energy Management and renewable resources. In the past editions of GEM, students from all over the world (East and West Europe, Africa, Asia, South America) have shared classrooms and field experience, making connections and proposing new projects. After the past editions in Europe, Asia and Central Asia, **GEM 2020, at its 10th edition**, will take place for the first time in Northern Africa, an area where the concern for environment is growing. University of Al Madar will host us, in Tunis (Tunisia). Tunis is both the capital and the largest city of Tunisia. At its core lies its ancient medina, a World Heritage Site.

GEM is managed by the GEM Network, a pool of scientists and professionals, who started since 2013 with a wide project on Green Energy in the educational and research sector. All our teachers have a wide experience in energy management, both conventional and renewable, and are perfectly aware of their mission in communicating knowledge and skills. After an overview of the world energy scenario, **GEM2020 in Tunis will offer classrooms and discussions on recycling organic waste, biofuels, hydro production, wind and sun, circular economy issues, finance for the climate change.** Our vision is ambitious. We are just a drop, but as the drop may dig the rock, little by little we may help changing our world in a sustainable and liveable one.

CONTENTS COVERED

- THE WORLD ENERGY AND GREEN ENERGY SCENARIO.
- BIOGAS/BIOMETHANE GENERATION FOR A CIRCULAR ECONOMY;
- THE BASIC PRINCIPLES OF ENERGY;
- SUN, WIND AND HYDRO PRODUCTION;
- ENERGY FINANCE;
- RECYCLING IN AGRICULTURE;

Each day of lessons will present 2 slot of lessons of 3 hours each. The program include visit to local energy stakeholder and Energy Production site. An overview on Regional topics is also included in the set of lectures for GEM 2020. Update program information and calendar of lectures will be available on our web-site.

PREREQUISITES

The school is aimed at young graduates of master's degrees, master's degree programs, doctoral students and research doctors / researchers, professionals in the field mainly with a scientific background.

ACCOMMODATION

GEM provides residential accommodation in double or triple room to all selected students. The cost of accommodation is **included in the tuition fee** together with part of the meals! Specific info will be shared to selected students at the moment of enrollment

IN COOPERATION WITH

The summer school is organized in collaboration with Tunis El Manar

HOW TO ENROLL

YOU ARE REQUIRED TO ENROLL THROUGH THE ONLINE APPLICATION FORM. EVERY PROGRAM ON [HTTP://WWW.SUMMERSCHOOLBICOCCA.COM](http://www.summerschoolbicocca.com) HAS AN **APPLY NOW** SECTION IN ORDER TO ACCESS TO THE APPLICATION. AFTER RECEIVING THE SELECTION NOTIFICATION, YOU WOULD BE REQUIRED TO PAY THE COURSE TUITION FEE WITHIN A SPECIFIED PERIOD. PLEASE FOLLOW THE SECTION **FEES & PAYMENT** ON OUR SUMMER SCHOOL WEBSITE FOR UNDERSTANDING THE PAYMENT OPTIONS.

SCHOLARSHIPS

The University of Milano-Bicocca offers partial and full scholarship please consult the web-site for update information and criteria of eligibility.

WEB-SITE

<http://www.summerschoolbicocca.com/19-GEM.php>

