

DEPARTMENT OF STATISTICS AND QUANTITATIVE METHODS

GEM - GREEN ENERGY MANAGEMENT



DATES

7-16 SEPT 2020



CREDITS

5+1 ECTS



TUITION

€ 200

INCLUDES ALL COURSES ACTIVITIES



APPLICATION DEADLINE

15 MAY 2020



LOCATION

E-LEARNING



CONTACT

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ENERGY SOLUTIONS FOR A SUSTAINABLE ENVIRONMENT



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, due to **COVID-19** outbreak All classes and activities will be held at their regularly scheduled date using video meetings rooms and remote learning platforms

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. 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

All classes and activities will be held at their regularly scheduled date - from September 6 to 16 2020 using video meetings rooms and remote learning platforms. The full scheduled will be delivered to all enrolled students. Every day you will be required to attend a 3 hours class of lecture/activity.

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/20-GEM.php>

