

# IEREK-YOUR GUIDE TO STUDY ABROAD



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## ► Message from the Principal

It gives me great pleasure, as IEREK's CEO, to welcome and introduce you to what shall hopefully provide you with an informative glimpse on the different services, activities, strategies, and sustainability initiatives organized and offered by IEREK.

IEREK is internationally recognized for enhancing research and efficiently developing learners' abilities to meet the growing challenges of the world. The rapid advances in science and technology, creating the need for a great number of qualified researchers in order to lead the change in the Middle east and the whole world, are the main sources of motivation driving IEREK into creating a platform or medium bringing together researchers, scientists, and stakeholders from across the globe.

IEREK's reputation is based on outstanding achievements and successful attempts at training researchers and providing them with the most developed and latest tools of success. I have no doubt that with such resilient collaborations with diverse and reputable universities, a dedicated and highly qualified staff, and finally and most importantly, the trust placed in us by the participants, IEREK will continue to have the ability in guiding the world through to a brighter future.



**Mourad S. Amer**  
IEREK CEO

A handwritten signature in black ink, appearing to read 'M. Amer', positioned below the printed name and title.

# Welcome to IEREK - International Experts for Research Enrichment and Knowledge Exchange

IEREK – International Experts for Research Enrichment and Knowledge Exchange – is an international institution that is concerned with the exchange of knowledge and enhancing research through organizing and managing conferences in all fields of knowledge.

Moreover, IEREK offers workshops and conferences in various disciplines for all professionals. These professional events are unique in the practical way they are delivered and in the certified professionals who teach them. Our institution continues its activities through organizing and activating scientific programs to spread science and to develop skills on all local and international levels through its headquarters in Egypt and through our partners throughout the world. We also process the work for on-line publishing throughout our international journal and IEREK Electronic Library. IEREK activities are not only confined to these majors but also include cultural, social, and recreational aspects that would be available in all the events IEREK sponsors, standing by its belief that we all live in one world.

## Our Vision

IEREK seeks to become professional at widely spreading science and exchanging knowledge and culture among nations; to transform communities and encourage a new era of sustainable development, growth, and productivity. In order to make those dreams a reality, the institution is keen on achieving success through collaborations with universities, corporations, and scientific organizations all around the world.

## Our Mission

IEREK is working towards delivering knowledge in wide-range and diversified fields to students, professionals, and researchers everywhere. It seeks to foster cultural exchange as a way to develop societies and keep up with the world's progress.

IEREK's objectives could be achieved by its current activities such as:

- Conferences.
- Workshops.
- Educational Services.
- Publication Services (IEREK Press).

In other words, IEREK offers theoretical knowledge and practical applications in all fields as a way of producing it into reality. It aims to transform the existent and continuously evolving knowledge into real life applications.

## IEREK Team

IEREK is proud to have a highly qualified, young, and ambitious team creating a solid base allowing it to build on its success. Having partnered as well with the most reputable and dedicated academics to supervise and revise the participants' work, its base could only be strengthened and success heightened.

## Branches

IEREK's main headquarters is located in Alexandria, Egypt. Additionally, it has a second branch in Egypt located in Cairo. To reach the utmost efficiency in cultural exchange and the spreading of knowledge on an international scale, two more branches were opened in Roma, Italy and London, UK.

# Study Abroad

Brighten up your future...

## Top Reasons Why You Should Study Abroad

### 1. It's a challenge:

You may have some concerns before leaving your home country, but don't worry: that's completely natural. Stepping outside of your comfort zone is one of the things that makes the whole experience so valuable and worthwhile

### 2. Experience a different culture:

This enriching experience will enable you to see and do things you wouldn't expect, and meet people who have grown up in a different culture.

### 3. Top quality education

Becoming an international student can greatly broaden your study options. After all, why be limited to choosing a university in your home country WHEN you can study abroad with same budget!

your goal is always going to be to get the highest possible quality of education.

### 4. Learn a new language

Learning a language can be a real challenge, but there is nothing quite like living somewhere where that language is spoken natively. It really helps!

### 5. Career opportunities

the main reason for getting a degree in the first place is to improve your career prospects. In a globalized, well-connected world, employers increasingly value graduates with international experience and education.

### 6. Make new friends

Many lifelong friendships start at university, and you'll be able to live, learn and travel together during your studies. It can also be hugely beneficial to know people in different countries around the world – especially after you graduate!

### 7. Become independent

becoming independent is itself a challenge. But living and studying in another country will help shape you into an independent and adventurous adult, ready to succeed in your future career.

Working for developing the minds of the current and the future generations, IEREK has been working towards presenting students, researchers, and learners, with suitable learning opportunities. IEREK is happy to provide you with assistance in selecting the right university and helping you reach a successful satisfactory application process. IEREK will guide you through the admission process, starting from selecting the suitable university up until receiving the university's offer.

IEREK will also support you in finding a suitable accommodation, part-time job, or acquiring a visa. Not only will this experience provide you with an enhanced educational experience; it would also present you with a social adventure. Through this experience, you will get to see the world, take in new cultures, meet different people with different backgrounds, thus, helping you develop as an individual and improve your language skills.



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# Study at UEL

**UEL**  
University of  
East London



UEL is creative, innovative and forward thinking university that you will be delighted that you are choosing it. UEL take responsibilities of their students seriously and strive to provide best academic experience. A rich study environment and the opportunities and special support you need to take your education to next level.



# » Why study at UEL?

Thousands of international students have launched their careers by studying for one of our 300-plus globally recognized degrees. UEL offer a first-class education backed by a generous package of scholarships and bursaries, plus the chance to live and learn in one of the world's greatest cities.

As an international student at the University of London, you will be part of a worldwide family of 19,000 students from more than 120 countries – perfect for making friends and global connections.

You will study with some of the leading academics in their fields on courses, which we have designed to give you the knowledge and skills to succeed in your chosen career.

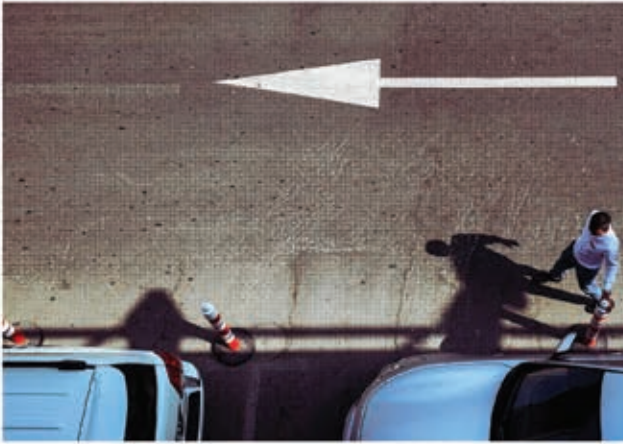
UEL reputation for academic excellence is growing, with 62 per cent of our research officially classified as either 'world-leading' or 'internationally excellent'.

1<sup>st</sup> Modern university in London in the National Student Survey 2018 league table

2<sup>nd</sup> Ranked modern university in London for 'teaching on my course' (NSS 2017)

3<sup>rd</sup> Ranked 3<sup>rd</sup> modern university in London for 'academic support' (NSS 2017)





## Intelligent Transport Systems

### Overview

This Continuing Professional Development (CPD) course will develop your skills in dealing with intelligent automotive and transport system technologies which will enable you to design and develop intelligent mobility platforms and systems.

## Landscape Design Creative Process

### Overview

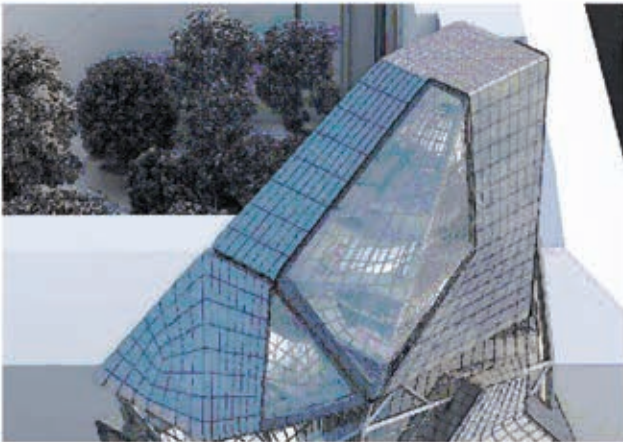
This Continuing Professional Development (CPD) course will engage you in a series of design exercises and relevant theories. Through this programme we explore key issues in contemporary life - migration, inequality, climate change, urban growth, food security - through Landscape Architecture, employing knowledge, tools and models in use, and in development globally.



## Architecture Design Creative process

### Overview

This Continuing Professional Development (CPD) course will enable you to join our award-winning Architecture department which enjoys an international reputation for excellence and for producing architects who combine technical skills with practical experience. We take a distinctly 'hands-on' approach to architecture. Our course emphasises learning through the process of making, and then reflecting critically on what has been made, developing your creativity and your critical judgement.



## Interior Design Creative Process

### Overview

This Continuing Professional Development (CPD) course will engage you in creative and experimental processes to enhance your ability to grasp complex design ideas. The program has a clear hands-on approach which aligns with the 'making' ethos of the School. Design projects and site visits make this program a unique experience.





## Quantity Surveying

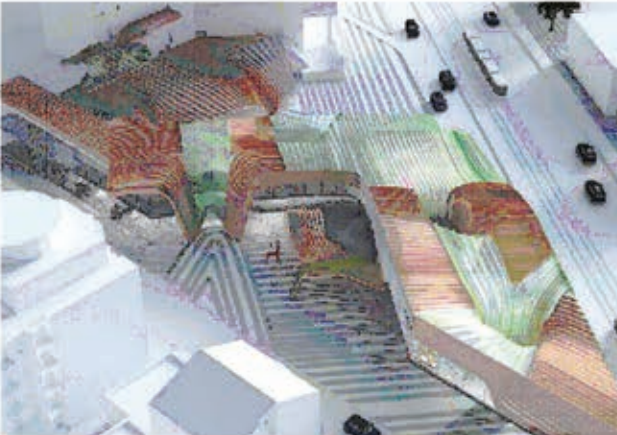
### Overview

This Continuing Professional Development (CPD) course will equip you with the specialist knowledge relating to organisation and management of sustainable construction product over the life-cycle of any building project with core emphasis on

## Ground improvement techniques

### Overview

This Continuing Professional Development (CPD) course will equip you with the concepts underpinning a suite of ground improvement techniques, an appreciation of design of geotechnical systems, and how these techniques are implemented in practice. In the context of real-world case history examples, you will learn to identify and design appropriate methods for a range of ground conditions.



## Architecture and Urbanism Theory

### Overview

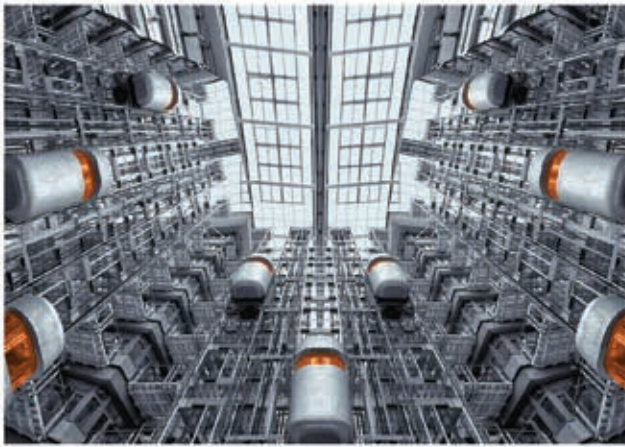
This Continuing Professional Development (CPD) offers an introduction to a range of theories relevant to Urbanism and Architecture. Through this programme, you will develop an understanding of how to relate theory and design, and how to initiate a theoretical research project. Through self-directed learning, reading, seminars and group discussions you will debate on a number of design-related theoretical issues, relevant to the current concerns of urban planning, residential developments, re-use of derelict urban environments.

## Land and construction surveying

### Overview

This Continuing Professional Development (CPD) course will equip you with a knowledge and understanding of land surveying practices, principles and procedures through the use of modern surveying instrumentation in relation to the construction industry





## Industry 4.0

### Overview

This Continuing Professional Development (CPD) course will develop your skills in dealing with emerging fourth industrial revolution in an increasingly complex and collaborative environment.

## Wireless Communication

### Overview

This Continuing Professional Development (CPD) course will provide you with fundamentals, theory and design of wireless communications systems. It covers the principles of data transmission, with a special emphasis on aspects concerning the physical layer and the medium-access control layer, applications of the various algorithms, techniques and protocols. The course is aimed at those working in the telecommunications industry such as researchers, engineers, IT professionals and managers.



## Geotechnical Engineering

### Overview

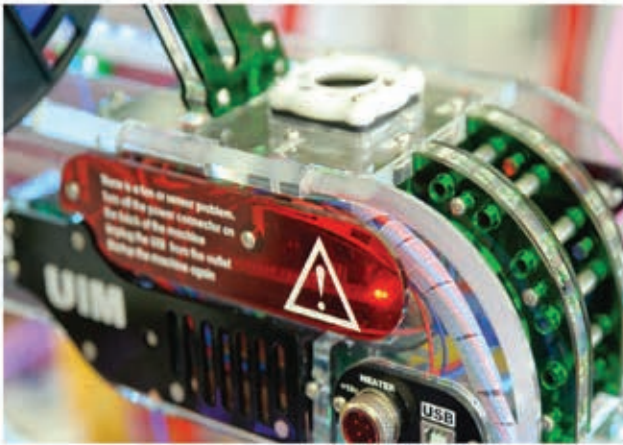
This Continuing Professional Development (CPD) course will develop the ability to use the properties of soils in the analysis of geotechnical problems that require assessment of the stability and deformation of the ground and to develop an appreciation of how this knowledge can be integrated into conceptual and detailed geotechnical design of structures and earthworks.

## Structural Integrity

### Overview

This Continuing Professional Development (CPD) course will develop an understanding of behaviour and analysis of structural systems/ elements, structural forms, their buildability and sustainability issues involved in their design and construction.





## Automation and Robotics

### Overview

This Continuing Professional Development (CPD) course will equip you with a knowledge and understanding of industrial and mobile robots, including other key components and software which make up robotic systems

## Digital Environment

### Overview

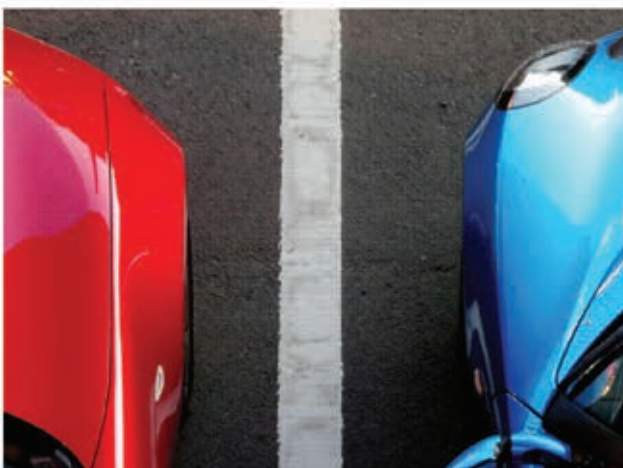
This Continuing Professional Development (CPD) course will equip you with thorough understanding of the requirements of information, communication and digital modelling in construction of building projects, different technology, information management, and its application within Construction, and the risks involved. It also inspires students to develop full understanding of the principles of Construction Management, Building Information technology (BIM), Auto ID technology.



## Autonomous vehicle technology

### Overview

This Continuing Professional Development (CPD) course will develop your skills in dealing with intelligent automotive and transport system technologies which will enable you to design and develop autonomous vehicles that will operate in future intelligent transport system.



## Design for Digital Manufacturing

### Overview

This Continuing Professional Development (CPD) course will provide you with an insight on various digital design techniques allowing the designer to unleash their creativity and exploiting the full potential of contemporary manufacturing processes like rapid prototyping and robotic manufacturing





## Traffic and highway engineering

### Overview

This Continuing Professional Development (CPD) course will equip you with critical and comprehensive knowledge and understanding of analytical skills that will enable them to become competent in traffic and highway engineering within wider civil engineering context.

## Construction Engineering

### Overview

This Continuing Professional Development (CPD) course will develop your specialist knowledge on how to manage multidisciplinary organization in the construction industry from various perspectives such as client, contractor, designer, and supplier. The CPD course will further enhance your management skills and capability to work in a multicultural international environment.



## Building Information Modelling (BIM)

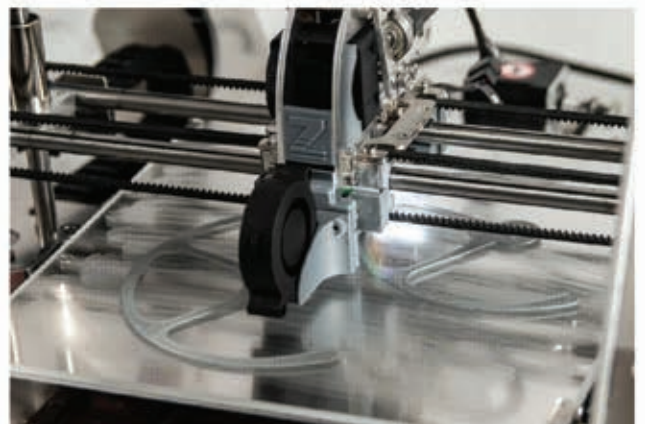
### Overview

This Continuing Professional Development (CPD) course will develop your specialist knowledge in producing, representing and managing all the information (building data, i.e. real scale virtual products) required in a construction project to improve real-time coordination and collaboration. The CPD will also cover content ensuring BIM level 3 compliance.

## Computer Aided Design & Manufacturing

### Overview

This Continuing Professional Development (CPD) course will equip you with both the practical and theoretical understanding of the application of advanced CAD/ CAM technologies and tools to aid the design, performance and manufacture of engineering components.





## Corrosion Engineering

### Overview

This Continuing Professional Development (CPD) course will provide you with detailed consideration of corrosion as a decay mechanism in metals and structures. Variety of corrosion methods in different environments will be discussed. Monitoring

## Hydraulics and Coastal Engineering

### Overview

This Continuing Professional Development (CPD) course will enable you to understand and apply current theories and techniques to the analysis and design of hydraulic structures, coastal engineering and river engineering works, and to take account of relevant sustainability, climate change and economic issues related to these areas of civil engineering.



## Structural Dynamics

### Overview

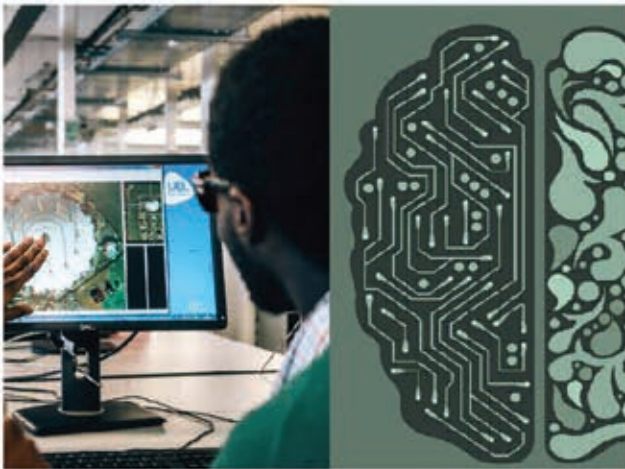
This Continuing Professional Development (CPD) course will equip you with advanced knowledge and skills for the dynamic and seismic analysis of structures as well as knowledge of sustainable innovations in the seismic design and retrofit of structures.

## Systems Engineering

### Overview

This Continuing Professional Development (CPD) course will equip you with an insight and understanding into the approach and philosophy of systems engineering. Furthermore the course would demonstrate the essential features of mechatronics and its application in realising innovative modern engineering design. The role of systems integration and its relevance to modern engineering will feature in terms of product design, machine design, and process design.





## Rapid Prototyping for Creative Industries

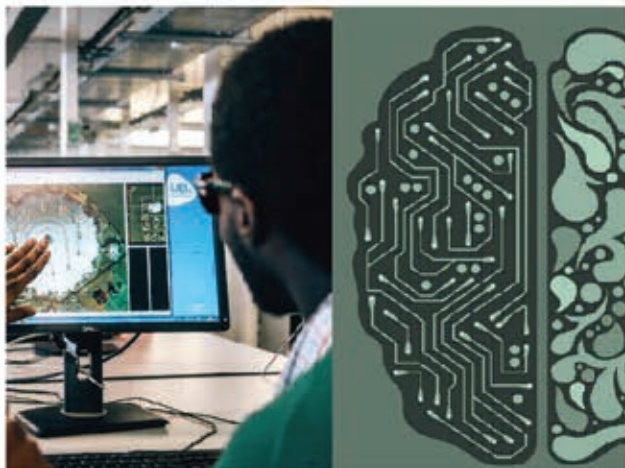
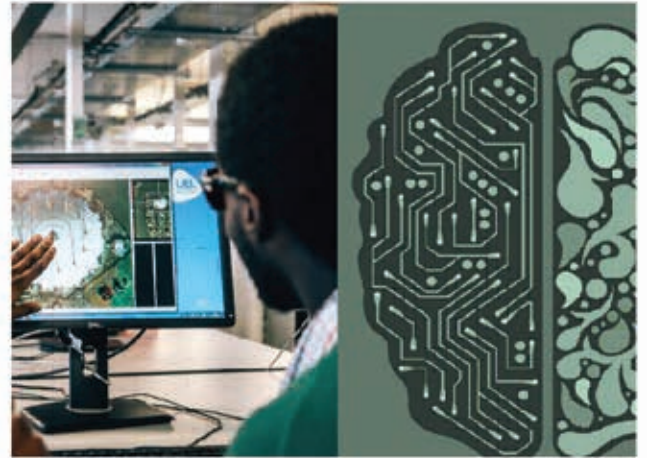
### Overview

This Continuing Professional Development (CPD) course will provide you with an insight on cutting edge rapid prototyping techniques and machines available to the creative professional. Making use of the facilities available at UEL Digital Fabrication Lab (dFUEL) you will practically introduced to the basic processes to 3d print a digital model using a variety of materials and machines.

## Robotic Fabrication for the Built Environment

### Overview

This Continuing Professional Development (CPD) course will provide you with an overview on the impact of robotic manufacturing on construction and the built environment. The course will make use of the ABB robotic arm available at the dFUEL (digital fabrication lab UEL) to experiment new and existing construction methods based on this new paradigm.



## Artificial Intelligence and Machine Vision

### Overview

This Continuing Professional Development (CPD) course will provide you with conceptual knowledge in Artificial Intelligence (AI) and machine vision.

## Big Data Analytics

### Overview

This Continuing Professional Development (CPD) course will provide you with the core theoretical and practical background skills required for big data analytics and developing big data systems.





## CISSP Certification

### Overview

This Continuing Professional Development (CPD) course will provide you with an understanding of the required information systems security knowledge to apply for the globally recognized CISSP Information Systems Security certification

## Cloud Computing

### Overview

This Continuing Professional Development (CPD) course will provide you with an overview of the field of Cloud Computing, its enabling technologies, main building blocks, and hands-on experience.



## CSSLP Certification

### Overview

This Continuing Professional Development (CPD) course will provide you with an understanding of the required software security knowledge to apply for the globally recognized CSSLP secure software development certification is a proven way to incorporate security practices into each phase of the software development lifecycle (SDLC).



## Cyber Security

### Overview

This Continuing Professional Development (CPD) course will provide you with an understanding of current trends in cyber security, based on theoretical concepts and practical experience of network and system security.

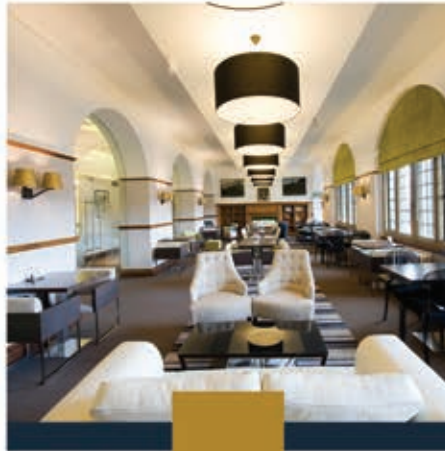






PRIFYSGOL  
**BANGOR**  
UNIVERSITY

# Study at Bangor University



## Why choose Bangor University?

A reputation for excellence.

Highly rated courses and lecturers, offer hundreds of courses across the arts, humanities and sciences.

Committed to sustainability, Bangor University is committed to being known globally as The Sustainable University.

Investment in facilities, The University's recent investments in facilities and services include the Pontio Arts and Innovation centre, a multi-million pound development which includes teaching facilities a theatre, cinema, bar, cafes and an innovation space.

Student life at Bangor University is vibrant and diverse. More than 150 Students' Union Clubs and Societies, covering a range of interests, activities and sports, which means there's something for everyone.

High standard of accommodation, Bangor University's accommodation has been rated as the best in the UK at the What Uni Student Choice Awards 2018.



Bangor University has a long tradition of academic excellence and a strong focus on the student experience. Around 10,000 students currently study at the University, with teaching staff based within fourteen Academic Schools.

Bangor University is ranked in the top 40 in the UK for research\*, according to the Research Excellence Framework (REF) 2014. The REF recognised that more than three-quarters of Bangor's research is either world-leading or internationally excellent, ahead of the average for UK universities.



**Study at** >>

**College of Arts, Humanities and Business**  
The College of Arts, Humanities and Business comprises the following schools and academic centres:

- Bangor Business School
- The Management Centre
- School of History, Philosophy and Social Sciences
- School of Languages, Literatures and Linguistics
- ELCOS
- School of Law
- School of Music and Media
- School of Welsh and Celtic Studies
- Centre for Research on Bilingualism





# Bangor University



## College of Environmental Sciences and Engineering

The College of Environmental Sciences and Engineering comprises the following schools and academic centers:

- School of Computer Science and Electronic Engineering
- School of Natural Sciences
- School of Ocean Sciences
- The Bio Composites Centre



## College of Human Sciences

The College of Human Sciences comprises the following schools and academic centers:

- School of Education and Human Development
- School of Health Sciences
- School of Medical Sciences
- School of Psychology
- School of Sport, Health and Exercise Sciences

# Why Study at Kore University of Enna?



The Kore University of Enna (Università Kore di Enna, or UKE) was established by the Italian Government as Free University on 2005. UKE is the fourth and last university founded in Sicily after those of Catania (1434), Messina (1548) and Palermo (1805). Unlike many other Italian universities, a pope or a king did not establish UKE.

UKE is the only private university in Sicily; The Kore University of Enna is a free, non-state university. It is not governed by the State or by other public bodies, from which it receives only small contributions. The UKE is based on private and self-financing, the proceeds of the scientific activities and student fees. For this reason, spending is very careful and is always of high quality.





The Kore University of Enna is one of the most appreciated Italian universities. According to surveys conducted in an anonymous form by the Alma Laurea Consortium in Bologna, UKE is among the first places in Italy for the high level of teaching and the quality of educational facilities.

Enna is always close. 150 buses every day from all over Sicily. The Campus is located in the residential area of Enna, downstream of the old city, where there are large service facilities, including the hospital and the extra-urban bus terminal. Every day, more than 150 buses arrive from all the main cities of Sicily, but also from other Italian and European regions. The rail station is based on Catania-Palermo railway.





**Architecture aINTERNATIONAL MASTER COURSE I° LEVEL IN  
"CRITICAL INFRASTRUCTURE MANAGEMENT"  
I° EDITION - Academic Year 2019-2020**

**Overview**

The European Programme for Critical Infrastructure Protection (EPCIP) refers to the doctrine and programmes created to identify and protect critical infrastructure that, in case of fault, incident or attack, could seriously impact both the country where it is hosted and at least one other European Member State. The EPCIP came about as a result of a consultation in 2004 by the European Council, seeking a programme to protect critical infrastructure through its 'Communication on Critical Infrastructure Protection in the Fight against Terrorism'. In December 2004 it endorsed the intention of the European Commission to propose a European Programme for Critical Infrastructure Protection (EPCIP) and agreed to the creation of a European Critical Infrastructure Warning Information Network (CIWIN). The European Commission issued its finalised design as a directive EU COM (2006) 786; this obliged all member states to adopt the components of the EPCIP into their national statutes. Not only did it apply to main area of the European Union but also to the wider European Economic Area. EPCIP also identified National Critical Infrastructure (NCI) where its disruption would only affect a single Member State. It set the responsibility for protecting items of NCI on its owner/operators and on the relevant Member State and encouraged each Member

**Pre - requisites for enrolment**

The course is open to candidates having successfully completed Italian B.Sc. course in Engineering or any equivalent course according to the Italian Ministry of Foreign Affairs.

**Aims and professional opportunities**

The program provides students with key qualifications for engineering positions which require innovative, enterprising solutions to deal with a wide variety of natural dangers, such as earthquakes, floods and storms. The course aims to prepare technicians to:

- Detect fault precursors;
- Recognize the evolution of (natural and anthropic) events that may affect NCI;
- Analyse the impact of events on NCI and related risks;
- Prepare responses to events
- Prevent negative impact on NCI.

**Course attendance**

The course will be held at the University of Enna "Kore" (Italy) – School of Engineering and Architecture. In order to facilitate the participation of foreign students, lectures will be also available online in real time. Remote classrooms may be arranged in any of IEREK offices. Laboratory work (120 hours – 3 weeks) and final exams will be only held at the University of Enna.

Each student has to guarantee a minimum course attendance (in presence or online) equal to 70% of the total temporal duration. Minimum attendance applies to each learning module and to the training stage period.



**INTERNATIONAL MASTER COURSE I° LEVEL IN  
"CONSERVATION OF ARCHITECTURAL HERITAGE"  
1<sup>ST</sup> EDITION - Academic Year 2019-2020**

**Overview**

The educational path of the Master Course in "Restoration of Architectural Heritage" provides advanced training in the field of Architectural Heritage with the aim to form practitioners able to both restore and respectfully transform the built environment in its monumental, architectural and historic elements, empowering architectural resilience and affordance.

The main idea is to build an interdisciplinary learning process, which combines technical knowledge with humanistic knowledge and pointing to a professional able to gather aesthetic and functional qualities.

The focus is on the conservation and the regeneration of monumental fabric, as well as of historical urban sites, on interventions of building restoration, extensions, adaptive reuse, structural retrofitting and valorization. The Master offers the possibility of deepening the most important topics of Architectural conservation and reuse. The courses have been conceived to ensure a correct balance among theoretical, practical and applicative aspects, by integrating in the design process the necessary requirements of feasibility.

**Pre - requisites for enrolment**

The course is open to candidates having successfully completed Italian B.Sc. course in Architecture and/or Engineering or any equivalent course according to the Italian Ministry of Foreign Affairs.

**Aims and professional opportunities**

The principal aim of the Master is to provide technicians with professional skills to be able to evaluate the importance of historical architecture and monuments, to carry out the conservation, the restoration, enhancement and reuse of architectural heritage. Furthermore, it is important to recognize the identity of the pathologies in order to be able to intervene respectfully in the restoration of monuments, using the most appropriate techniques.

**Course attendance**

The course will be held at the University of Enna "Kore" (Italy) - School of Engineering and Architecture. In order to facilitate the participation of foreign students, lectures will be also available online in real time. Remote classrooms may be arranged in any of IEREK offices.

Laboratory work (120 hours - 3 weeks) and final exams will be only held at the University of Enna.

Each student has to guarantee a minimum course attendance (in presence or online) equal to 70% of the total temporal duration. Minimum attendance applies to each learning module and to the training stage period.





## INTERNATIONAL MASTER COURSE 1° LEVEL IN "MANAGEMENT OF URBAN ENVIRONMENT" 1° EDITION - Academic Year 2019-2020

### **Overview**

The operational areas addressed by this master programme may be summarised in technical-operational support services for the urban management (urban facilities and service management). The objective of the programme is to transmit to the student knowledge and skills in urban lifelines technology and construction, in their rehabilitation and maintenance with specific respect to transport water systems and water treatment. The course is focused in increasing management and maintenance skills including rehabilitation and restoration of existing urban services in order to adapt them to future societal goals in a changing environment (including climate change). The course starts with the implementation of skills in urban planning in order to understand the societal needs nowadays and in the future, moving to technological skills for survey and monitoring of existing service network. Three technical modules will then focus on three different types of urban infrastructures in order to implement management, maintenance and rehabilitation skills of the students.

### **Pre - requisites for enrolment**

The course is open to candidates having successfully completed Italian B.Sc. course in Engineering or any equivalent course according to the Italian Ministry of Foreign Affairs.

### **Aims and professional opportunities**

The course will aim to prepare specialized engineers in the field of management and maintenance of urban infrastructures.

Potential employment contexts for graduates in Management of Urban Environment are: urban services companies and managers, urban planners, insurance companies, public bodies managing public and private property assets; facility management companies; property fund management companies; engineering companies and professional firms.

### **Course attendance**

The course will be held at the University of Enna "Kore" (Italy) – School of Engineering and Architecture. In order to facilitate the participation of foreign students, lectures will be also available online in real time. Remote classrooms may be arranged in any of IEREK offices. Laboratory work (120 hours – 3 weeks) and final exams will be only held at the University of Enna.

Each student has to guarantee a minimum course attendance (in presence or online) equal to 70% of the total temporal duration. Minimum attendance applies to each learning module and to the training stage period.



**INTERNATIONAL MASTER COURSE I° LEVEL IN  
"CONSERVATION OF ARCHITECTURAL HERITAGE"  
1<sup>ST</sup> EDITION - Academic Year 2019-2020**

### **Overview**

Since the '80s of last century the use of informatics and electronic devices in archaeology saw an always increasing importance.

In recent years 3D mapping and digital modelling offered more reliable and efficient tools for the study and analysis of ancient sites, giving the chance to archaeologists, heritage professionals and other stakeholders to get over some "destructive" aspects related to investigation activities and gathering both three-dimensional and image data through which it is possible to precisely record any archaeological evidence.

At the end of the programme, students who pass the final exams will be awarded a 1st level university Master's Degree for those in possession of a B.Sc. degree, or the II level university Master's degree for those enrolled in possession of a M.Sc.

### **Aims and professional opportunities**

The program provides students with key qualifications for positions in engineering, archaeology, and conservation that will grant a specialization in a continuously expanding branch of research.

The theoretical study along with the simultaneous technical-practical activity provide students with key instruments that give them the ability to evaluate common options of activities, tied to the understanding, interpretation and divulgation of the complex 3D data of the archaeological sites.

Students will study how to make operative decisions in the integrated survey field, assess technical alternatives and assume responsibility for the best procedural choices made, both during the gathering phase of data as well as the processing phase of two and three dimensional graphics development.

### **Pre - requisites for enrolment**

The course is open to candidates having successfully completed Italian B.Sc. course in Engineering, Architecture, B.A. in Humanities, Cultural Heritage, Archaeology and Conservation, or any equivalent course, according to the Italian Ministry of Foreign Affairs.

### **Course attendance**

The course will be held in Siracusa (Italy). In order to facilitate the participation of foreign students, lectures will be also available online in real time. Remote classrooms may be arranged in any of IEREK offices. Laboratory work (120 hours – 3 weeks) and final exams will be only held at the University of Enna.

Each student has to guarantee a minimum course attendance (in presence or online) equal to 70% of the total temporal duration. Minimum attendance applies to each learning module and to the training stage period.

# Why Study at UCAM ?



## UCAM

UNIVERSIDAD CATÓLICA  
DE MURCIA



UCAM was among the first universities to adapt its programs to the European Quality System for Education, following the Bologna Process. In fact, UCAM's Quality Department is currently assisting the Paraguayan Government to establish a quality assurance body in its respective education system



UCAM has around 340 renowned international strategic partners, among which are several leading colleges and universities around the world, such as UC Berkeley, Stanford, NTU, NUS or Università degli Studi di Bologna. With these partners, UCAM has established students', staff' and professors' exchange programs, joint degrees and other kinds of academic collaborations.



UCAM's teaching method is based on personalized attention with a reduced number of students per class and a personal tutor assigned to each student. UCAM also offers a modern system of distance teaching.

UCAM is strongly linked to the business world through study plans responsive to market exigencies, obligatory internships in public and private institutions and enterprises as part of every undergraduate and master's degree, as well as research programs in collaboration with large regional, national and multinational companies.



UCAM has a special environment, both culturally and historically. Its main campus is located around the XVIII century Jerónimos Monastery (National Monument) where infrastructures, labs, and research rooms provide UCAM's students with excellent facilities to combine theoretical knowledge with practical implementation.



## Bachelor's Degree in Business Administration

### Student Profile

For the Degree in Business Administration, you should show interest in economic, organizational and social aspects of the company, at an international level, as it is a generator of change and social progress. serving the community with a high ethical sense in their professional practice, know the company and its problems, interact with people and work as a team.

### DURATION

4 Academic Years

### Career Opportunities

After having successfully completed this BBA program, students are qualified to, for example:

- Set up their own business (entrepreneurs).
- Work at national, regional or local public administration and International Organizations.
- Freelance: Account Auditing, Tax consultant, Financier, Commercial, Human Resources, Wealth Management, Administrative Assistant, Organizational consultant.
- Work in the private sector: Production Department, Human Resources Department, Administration and Finance Department, Accounts and Marketing Department.

## Bachelor's Degree in Dentistry

### Student Profile

Students interested in joining the Degree of Dentistry at UCAM Catholic University of Murcia must demonstrate skills in basic sciences, such as Biology, Chemistry and Physics, and manual dexterity with a developed power of observation, care and analysis. Also, they should express interest in the problems of oral and general health of human beings and be willing to help, showing a clear commitment to service.

### DURATION

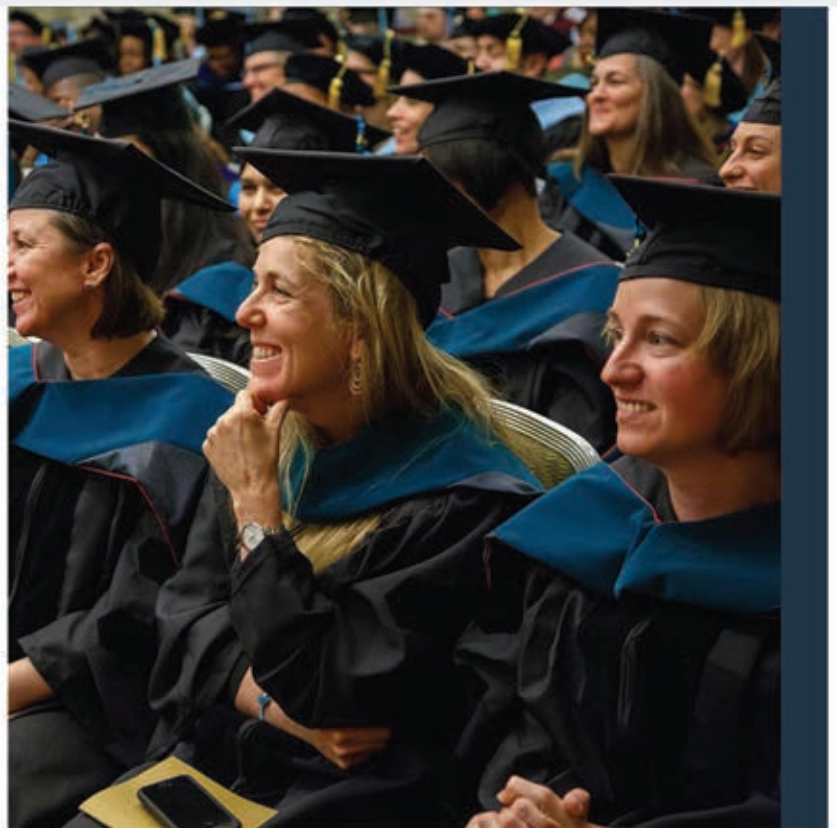
5 Academic Year

### Career Opportunities

- Exercise of the profession in all areas of Dentistry.
- Clinics and private hospitals.
- Primary care of the public health service.
- Professional of the dental industry.
- Opinion leader (KOL) of companies in the dental sector.
- Penitentiary institutions.
- Teaching in secondary school, vocational training and university. Investigator.

## 2-Master's Degrees

- Master's MBA - International Business Administration
- Master's MBA Sports Management
- Master's Sport Marketing
- MBA Sports Management (Madrid campus)
- Master's Innovation and Tourism Marketing
- Master's in Hospitality Management
- Master's European Union Studies and Human Rights
- Master's High Performance Sport: Strength and Conditioning
- Master's in Bilingual Education



## Bachelor's Degree in Pharmacy

### Student Profile

The Bachelor's degree in Pharmacy offers a multidisciplinary education to future pharmacists. It responds to society's demands and it is well integrated into the public health system. A good pharmaceutical professional can improve a patient's quality of life considerably, not only through pharmaceutical attention and monitoring, but also in the areas of public health.

### DURATION

5 Academic Years

### Career Opportunities

graduates in Pharmacy can work professionally in:

- Apothecary
- Industrial Pharmacy (in different areas)
- Food Industry
- Environmental Health
- Clinical Analysis
- Medicine and Drug Analysis
- Public Health
- Public Administration (Spanish and European Medical Agencies).

## Bachelor's In Tourism Management

### Student Profile

To study the Degree in Tourism, it is important to be able to relate to people, learn languages and respect the conservation of cultural and natural heritage. To study the Degree in Tourism, students must have leadership and management skills, ease of expression and communication, and also have research and planning concerns.

### DURATION

4 Academic Years

### Career Opportunities

The studies in Tourism broaden your professional horizons. In today's job market, a high number of professional profiles related to these studies can be found:

- Field of accommodation
- Tourist Coordinator
- Field of catering
- Director of banquets and conventions
- Catering commercial
- Product Manager
- Quality Product Manager
- Field of transport and logistics

## 3-Courses

- Fundamentals of 3D Digital Design and Additive Manufacturing (3D Printing)
- Big Data Fundamentals and Applications in Bioinformatics
- Entrepreneurship: Leadership and Management in International Contexts
- Intelligent Management for The Tourism Industry
- Media and Communications
- Fundamentals of Smart Cities: Planning, Design and Management
- Spanish Language and Culture
- Sports Management
- Sport Physiotherapy
- UCAM CF Experience
- Video Technology and Applications in Events





XIAMEN UNIVERSITY MALAYSIA  
廈門大學 馬來西亞分校

# Why Study at **XMU** ?

Xiamen University (XMU), established in 1921 by renowned patriotic overseas Chinese leader Mr. Tan Kah Kee, is a comprehensive institution of higher education directly affiliated with China's Ministry of Education. In 2017, XMU was categorized as type A university by China's Double First-Class Initiative. The University was placed among the world's top 400 institutions in various authoritative world university rankings, such as THE, QS, US News and ARWU.

Currently, the University has a total enrollment of approximately 40,000 students, including 20,045 in bachelor's programs and 19,819 in master's and doctoral programs. Close to 1,500 international students are enrolled in degree programs at XMU. Students enjoy a world-class intellectual environment on a campus nestled snugly between the hills and the sea and known for its top-notch faculty and first-class facilities. They form a vibrant and essential part of the XMU community.



## **"Strength of the South"**

The first Chinese higher-education institution established by an overseas Chinese. Ranked top15 among the over 2,000 universities in Mainland China, XMU is on track to become a world-renowned research university and is committed to creating an internationalized academic environment and collegiate culture.

## **Garden-style campuses**

XMU campuses are situated around the Xiamen Bay on the western coast of the Taiwan Strait, with breathtaking views of undulating green hills and vast expanses of seawaters. They rank among the world's most beautiful campuses.

### **Highly professional faculty and well-established disciplines**

XMU affords high priority to the diversification and internationalization of the mix of its faculty. Professors and researchers with doctorates awarded by overseas universities are playing an increasingly important role at XMU. XMU offers a comprehensive range of programs in Humanities, Social Sciences, Natural Sciences, Engineering and Technology, Management, Art Sciences and Medical Sciences.

### **International exchange and cooperation**

Over the years, XMU has forged partnerships with nearly 300 higher-learning institutions around the world and engaged in substantive cooperation with more than 50 of the world's top 200 universities. It also actively participates in exchange programs and collaborative research projects.

### **Affordable study expenses**

The tuition fee and cost of living at XMU are relatively low compared with most of the other major universities in China and beyond. A good variety of scholarships are available to international students.



### **Accommodation and food**

The international student apartments on campus are set in picturesque surroundings and enjoy sea views and fresh sea air. The dorms are equipped with modern facilities and the Overseas Student Service Center provides attentive services. Overseas students can also choose to dine in any of the 10 canteens on campus that serve a wide variety of cuisines.

### **First-class facilities**

The XMU Knowledge Resource Portal offers students access to an enormous body of literature online. Through the library, students can visit other renowned universities' libraries in China and beyond. XMU provides students with a comprehensive range of sports and cultural facilities, including football pitches, tennis courts, badminton courts, swimming pools, a golf driving range, piano rooms, and concert halls.





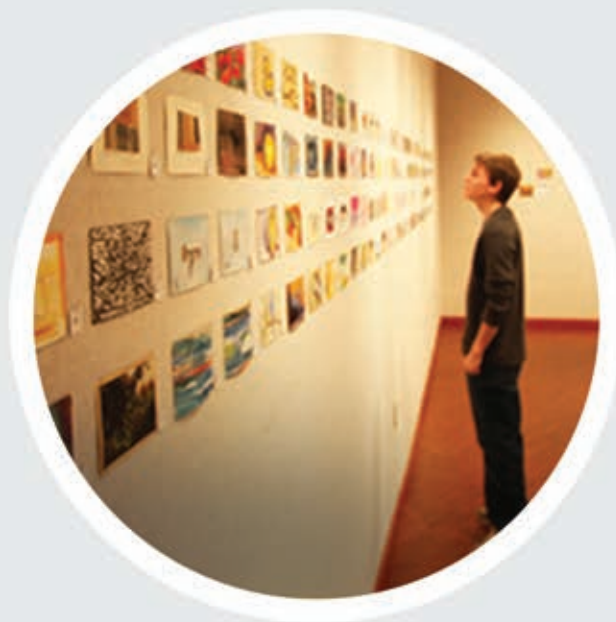
## Study at XMU...

Xiamen University develops specialized talents, studies advanced academics, expounds world culture, and promotes human progress. It adheres to the motto of "self-improvement and perseverance" and promotes the spirit of "patriotism, revolution, self-reliance and science" and is committed to cultivating The elite talents of moral, intellectual, and aesthetic development have made outstanding contributions to the country's prosperity, national rejuvenation, and human civilization.

The school has a graduate school, 6 faculties, 29 colleges and 15 research institutes, forming a discipline including humanities, social sciences, natural sciences, engineering and technical sciences, management sciences, art sciences, medical sciences, etc.

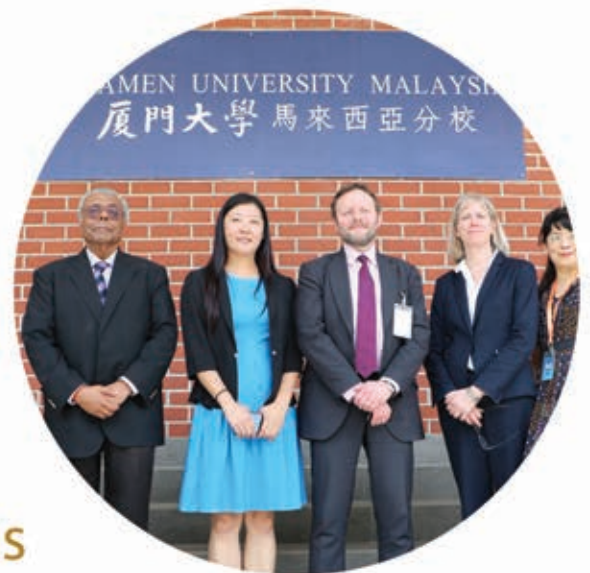
## Colleges

- College of Humanities
- School of Journalism and Communication
- College of Foreign Languages and Cultures
- Art College
- Overseas Education College
- International College
- School of Economics
- School of Management
- School of Law
- School of Public Affairs
- School of Marxism
- School of International Relations
- Physical Education Department
- School of Continuing Education
- School of Mathematical Sciences
- College of Physical Science and Technology
- College of Chemistry and Chemical Engineering
- School of Information Science and Engineering
- Software School
- College of Materials
- School of Architecture and Civil Engineering
- College of Energy
- School Of Aerospace Engineering
- School of Life Sciences
- School of Public Health
- School of Pharmaceutical Sciences
- Medical College
- College of Ocean and Earth Sciences
- College of the Environment & Ecology



## Some of Research Institutes

Wang Yanan Institute for Studies in Economics  
Institute for Financial and Accounting Studies  
Intellectual Property Research Institute  
Xiamen Academy of International Law  
Institute of Education  
Research School for Southeast Asian Studies  
South China Sea Institute  
Pen-Tung Sah Institute of Micro-Nano Science and Technology  
Coastal and Ocean Management Institute



## Xiamen University Malaysia Campus

Xiamen University Malaysia (XMUM) is the first overseas campus set up by a renowned Chinese university and the first Chinese university branch campus in Malaysia. Located in the vicinity of Bandar Kota Warisan, Sepang, Selangor, it's just 15 minutes ride from the country's administrative center of Putrajaya or 45 km southwest of Kuala Lumpur.

It is built on an area of 150 acres with a planned total floor space of 470,000 square meters. XMUM aspires to become a university with a distinct global outlook, which features first-class teaching and research, and embraces cultural diversity. With the exception of Chinese Studies and Traditional Chinese Medicine, the medium of instruction for all other programmes is English.



# Study at Russia

Russian universities offer a variety of educational programs in a variety of areas of study. International students can choose any of them. Medical and engineering specialties, IT and others are popular. Many programs are not only in Russian, but also in English. In addition, for applicants who do not speak Russian, work preparatory departments, where you can learn the language and specialized disciplines.



## Chechen State University

One of the Leading Universities in Russian Federation is a university located in Grozny, Chechnya, Russia. The university traces its roots back to 1938.

Faculties:

Medicine, Agro-technology, Biology & Chemistry, State Management, Foreign languages, Information technologies, History, Economics & Finance and Law

## Rybinsk State Aviation Technical University

It is a technical aviation university, started its history in 1930s and associated with the history and achievements of Soviet and Russian aircraft engines.

Faculties:

Aeroengines, Aviatechnologies, Radio electronics & informatics and Sociology & economics



## Grozny State Oil Technical University

It was founded in the center of one of the first oil and gas producing regions of Russia. Engineers, graduates of the university, always distinguished not only first-class theoretical, but also excellent practical training

Programs:

Architecture, Building and Construction, Business, Chemistry, Economics, Environmental Studies, Food and Nutrition, IT, Landscape, Law & Jurisprudence and Management

## Adyghe State University

The university was founded in 1940, first as Adyghe State Pedagogical Institute. It was officially recognized as a state university in 1993.

Faculties:

Mathematics and Computer Science, Adyghe Philology and Culture, Engineering Physics, Foreign Languages, History, Pedagogy and Psychology and Philological



## Izhevsk State Technical University

At present Kalashnikov ISTU is a leading higher educational institution in the region and one of the leading technical schools in Russia, a training center of engineers and academics.

Faculties:

Mechanical Engineering, Instrumentation Engineering, Computer Science, Engineering and Economics, Law and Humanities, Civil Engineering.

# Join IEREK Upcoming Summer School

The 4<sup>th</sup> International Summer School on

## Advanced Urban Planning & Architectural Design

2020

Rome, Italy

CAMPUS X IEREK



### About the AUD Summer School :

This program is an advancement in the field of urban design and allows students to further specialize their education in an area that interests them. Students who have undergone varied studies that include landscape design, engineering, architecture and planning are given an opportunity to explore and experiment with architectural and urban design. Aimed to build a new and qualified generation of urban designers .

### Summer School Instructors :



#### • Hocine Bougdah

Reader in Architectural Technology; the  
Canterbury School of Architecture,  
University for the Creative Arts, Canterbury, UK.



#### • Ferdinando Trapani

PhD - Urban Planning Department  
of Architecture Polytechnic School  
University of Palermo Via delle Scienze.



#### • Luciano DE BONIS

Associate professor of Architecture and  
Urban Planning, University of Molise,  
Italy.



#### • Francesca Giangrande

PhD - Francesca Giandrande, Research  
Follow, dept. of Biosciences and Territory  
, University of Molise.

For more information regarding the  
programs, visit: <https://goo.gl/xk2aZV>

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## Quick Study Abroad Tips

- Be open-minded! Some of the best friendships are the most unlikely ones.
- Don't avoid speaking to people just because you do not speak the language well! Learning the language is one of the things that will improve your exchange the most.
- Get a bank account that has good conditions for use abroad. For example, one that doesn't charge commission each time you withdraw, allows online transfers and queries, and provides more than one card (in the case of theft or loss). There are many banks that don't offer all these features, and it's so important not having money problems when you're living abroad on your own.
- Pack light and smart. When packing, make sure you've checked your airline's luggage restrictions! Moreover, to save lots of room, use travel sized toiletries.
- last Missing home is normal.





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