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Dear Prospective Student,

It is with great pleasure that we introduce you to the MSc program in Intelligent Critical Infrastructure Systems.

The program is offered by the Department of Electrical and Computer Engineering of the University of Cyprus, in collaboration with the KIOS Research and Innovation Center of Excellence and Imperial College London.

Critical infrastructures, such as electric power systems, water distribution networks, telecommunication networks and transportation systems are essential for the maintenance of vital societal functions. The program considers an integrated engineering approach for the intelligent and efficient monitoring, control, management and security of these systems using innovative methods and tools emerging from the latest developments in the area of Information and Communication Technologies. This represents a point of novelty and uniqueness for the program, especially in the European arena.

This MSc program is characterized by multidisciplinarity and strong relevance to timely research activities and the related industry. The coursework provides a blend of the necessary theory, tools, applications, transferable skills and practical/research experience, in a holistic approach which provides students with knowledge, skills, competencies and experiences relevant to the topic of the program. Particular emphasis is placed on the integration of realistic use cases throughout the various elements of the program, which enable to better illustrate the various concepts and provide students with realistic examples on how to model, simulate, monitor, control, manage and optimize such systems.

Courses in this program have been designed and are delivered by world-class expert academic faculty from both University of Cyprus and Imperial College London, with significant international research reputation in the topic of Intelligent Critical Infrastructure Systems.

It is also worth noting that the program takes advantage of the state-of-the-art building facilities at the University of Cyprus campus, with excellent classrooms and teaching equipment, an outstanding library and modern laboratories, offering an inspiring learning environment.

We warmly welcome you to explore this publication and learn more about the program. If you require more detailed information, you can visit our website www.msccis.ucy.ac.cy or contact us directly.

Maria K. Michael
Program Coordinator
Associate Professor
Department of Electrical and Computer Engineering
University of Cyprus
The MSc program in Intelligent Critical Infrastructure Systems is offered by the Department of Electrical and Computer Engineering at the University of Cyprus in collaboration with the UCY KIOS Research and Innovation Center of Excellence and Imperial College London, both international leaders in research and innovation activities in the topics of this MSc program. Courses in this program have been designed and are delivered by world-class expert academics from both institutions, with significant international research reputation on Intelligent Critical Infrastructure Systems, and in particular on subjects related to the monitoring, control, management and security of these systems.
Critical infrastructures are assets or systems, which are essential for the maintenance of vital societal functions. The principal examples are electric power systems, water distribution networks, telecommunication networks, and transportation systems. Without these, other basic infrastructures (e.g., banking, hospitals, schools, tourism, etc.) cannot operate as intended. Critical infrastructures provide the foundation on which communities are built and, when properly functioning, they enable economic growth and social well-being.

As urbanization increases, critical infrastructures worldwide are expanding and are becoming more complex, necessitating greater efficiency and improved capabilities in order to sustain their effective operation. Equipment failures are also occurring more frequently as large segments and components of critical infrastructures become old and outdated. Such failures may lead to serious degradation in performance or, even worse, to cascading overall system failure and breakdown. Moreover, the safety and security of critical infrastructure systems against malicious attacks (such as denial-of-service) and natural disasters are becoming crucial issues for citizens, businesses, and governments who expect that these infrastructures will provide uninterrupted service 24/7 and under any circumstances. Unexpected events can also occur (accidents, earthquakes etc.) which create emergency conditions requiring immediate response to prevent fatalities and limit damages.

The problem of monitoring, control, management and security of Critical Infrastructures Systems (CIS) will become even more challenging in the future. Currently, an important proportion of the world population lives in urban areas and it is predicted that an even more significant percent of the developing and developed world will be urbanized in the near future. However, existing critical infrastructures were not designed to accommodate such enormous demands. Moreover, due to wide-ranging deregulation, the use of renewable energy and a massive expansion of wireless communications, critical infrastructures, as well as the associated data, software and management systems, are becoming increasingly more heterogeneous, distributed, and inter-dependent making the seamless integration of all components that make up the CIS an immense challenge.

The MSc in Intelligent Critical Infrastructure Systems (CIS) program is to teach highly innovative methods, tools, and technologies for the monitoring, control, management, and security of CIS for a competent workforce that will be recruited by local and regional authorities and international companies seeking to make CIS more reliable, safe, resilient, efficient, and sustainable. In addition, the program is designed to transfer knowledge on the research and innovation challenges faced by modern CIS and cultivate student interest in pursuing a career path in research and innovation. Doing so, it is expected to contribute to the transformation of the research and innovation culture of Cyprus and the Mediterranean-Middle East region. The program is open to students from different technical backgrounds, spanning the different areas of science and engineering.
**CHARACTERISTICS OF THE PROGRAM**

**Importance of the topic**
A significant strength of the program concerns the blending of topics of great engineering and societal importance for the regional growth of students and researchers in the area of CIS. The program promotes awareness of environmental problems, sustainability and energy-efficiency issues, as well as security and safety aspects.

**Novelty and Uniqueness**
The program considers an integrated engineering approach taking into account monitoring, control, management and security aspect of critical infrastructures using modern Information and Communication Technologies (ICT). This represents a point of novelty and uniqueness for the program, especially in the European arena.

**Multidisciplinarity**
The program is designed to be multidisciplinary in nature, including concepts from Electrical and Computer Engineering, Computer Science, Applied Mathematics and Management Science, with an integrated vision of all the aspects of the monitoring, control, management, and security problems from a CIS’ perspective.

**Strong relevance to UCY’s research activities**
Monitoring, control, management, and security of intelligent CIS is a significant area of research and investment in the University of Cyprus, as evidenced by various activities at the Department of Electrical and Computer Engineering and the KIOS Research and Innovation Center of Excellence, the largest currently research center at UCY.

**Synergetic collaboration between University of Cyprus and Imperial College London**
The program is a collaboration between the University of Cyprus and Imperial College London. Courses are designed and delivered by world-class expert academic faculty from both institutions, with significant international research reputation on the topic of Intelligent CIS.

**Strong relevance to the industry**
The application module of the program is focused on real problems, many provided by industrial partners collaborating with the academic faculty and entities involved in the delivery of the program. Moreover, the MSc Thesis provides the opportunity to perform applied research in collaboration with industrial partners.

**DESCRIPTION OF THE PROGRAM**

**Minimum requirements to be considered for admission:**
- A Bachelor’s Degree in an Engineering or Science discipline that must have been judged as equivalent to a University Degree by the Cyprus Council for Recognition of Higher Education Qualifications.
- English Language Certification or other accepted International Standard. Proficiency in English can be demonstrated through one of the following: C-grade at English GCSE; IELTS score of 6.5 or above; Test of English as a Foreign Language (ETS TOEFL®) with a minimum score of 550 (paper based), 213 (computer based) or 80 (internet-based).

Each application for admission should include:
- A completed application form, which can be found on the website of UCY’s Graduate School.
- A Curriculum Vitae.
- A short statement (at most two pages) outlining the reasons the candidate wishes to join the program, the candidate’s professional and research experience, future goals, etc.
- At least two recommendation letters from academic or professional advisors.
- Copies of representative publications, if any (no more than three).
- Copies of all degrees and transcripts.
- Copies of any other supporting material, such as exams, honors, awards, etc.

Applications must be submitted in English.

**Criteria for the evaluation of candidates:**
- Academic background
- Research background
- Recommendation letters
- Additional qualifications

**Online application**
To apply, candidates must first create a user’s account and then complete and submit the online application form. For more information on the application process and link to the application form, please check the website of the University’s Graduate School during the application period: [http://www.ucy.ac.cy/graduateschool/en/](http://www.ucy.ac.cy/graduateschool/en/)
The program involves coursework of 92 ECTS in total, with 8 compulsory courses (60 ECTS), an MSc Thesis (30 ECTS), and graduate-level seminars and workshop (2 ECTS).

Courses have been designed following an integrated and holistic approach, to provide students with knowledge, skills, competencies and experiences relevant to the topic of the MSc program, as categorized below:

**T - Theory:** provide specific theoretical and methodological skills necessary to understand how to monitor, control, and optimize CIS.

**O - Tools:** ICT approaches for addressing the problems in monitoring, control, management, and security of CIS.

**A - Applications:** address specific current tasks and challenges in intelligent CIS based on realistic use cases in the applications of power systems, intelligent transportation systems, smart water networks, and telecommunication networks.

**S - Transferable Skills:** includes project management and technology transfer for Innovation and Entrepreneurship (also IPR management), communication skills, and ICT skills.

**P - Practical/Research Experience:** includes the final year project which constitutes a significant piece of research that will be submitted as a dissertation (MSc Thesis). Can be carried out in collaboration with the industry.

The structure of the program is summarized in the table on the right, on a semester basis. The type of each course is indicated by T-Theory, O-Tools, A-Application, S-Transferable Skills, and P-Project.

### Integration of CIS Use Cases to Coursework

A significant feature of the program is the integration of CIS model representation and use cases to coursework. Specifically, mathematical models representing CIS at different abstraction layers and realistic use cases for intelligent CIS will be used throughout the various courses in order to:

- Provide students with realistic examples on how to model, simulate, monitor, control, manage and optimize such systems
- Examine possible commonalities, differences, interdependencies among various CIS domains
- Better illustrate theoretical concepts

Models and use cases from electric power and renewable energy systems, smart water systems, and intelligent transportation systems are considered in a stand-alone manner, or in a high-level integrated simulation platform developed at the KIOS Center of Excellence. Models and use cases for CIS cybersecurity and telecommunication networks used in CIS systems are examined in a horizontal dimension across one or more CIS, allowing to better understand how such timely and important topics must be integrated in intelligent critical infrastructures.

The two application courses of the MSc program revisit these models and use cases focusing on current and future challenges in CIS systems, such as energy efficiency, safety, security, reliability, fault detection, big data processing, h/w & s/w design integration in IoT, etc.
TEACHING PERSONNEL

As the program is a collaboration between the University of Cyprus and Imperial College London, courses are designed and delivered by world-class expert academic faculty from both institutions, with significant international research reputation in the topic of Intelligent CIS and related topics and applications. MSc Thesis supervision can be carried out by one or more instructors and advisors mentioned below.

COURSE INSTRUCTORS

- **Imperial College London**
  - ECE 802 – Optimization of CIS
  - ECE 803 – Security for CIS

- **University of Cyprus**
  - ECE 807 – CIS Applications I
  - ECE 808 – CIS Applications II
  - ECE 809/810 – MSc Thesis
  - ECE 811 – MSc Seminars & Workshop

ADDITIONAL THESIS ADVISORS

- University of Cyprus
  - Demetrios Eliades
    - SENIOR RESEARCHER
  - Panayiotis Kolios
    - SENIOR RESEARCHER
  - Theodoris Theocharides
    - SENIOR RESEARCHER
  - Stelios Timotheou
    - ASSISTANT PROFESSOR
  - Constantinos Pritis
    - ASSOCIATE PROFESSOR

- University of Cyprus
  - Christos Panayiotou
    - PROFESSOR
  - Thomas Parisini
    - PROFESSOR
  - Marianna Makri
    - ASSOCIATE PROFESSOR
  - Marios Polycarpos
    - PROFESSOR

- Imperial College London
  - Elias Kyriakides
    - ASSOCIATE PROFESSOR
  - Maria Michael
    - PROFESSOR
  - Theophilos Theocharides
    - ASSOCIATE PROFESSOR
  - Christos Panayiotou
    - PROFESSOR
  - Maria Michael
    - PROFESSOR
  - Thomas Parisini
    - PROFESSOR
  - Marios Polycarpos
    - PROFESSOR
ECE 801 Monitoring and Estimation
7 ECTS

The purpose of this course is to familiarize the students with some of the main techniques for estimating the state of a dynamical system and use the state of estimation to detect faults in some of the system’s components such as sensor faults and water leaks. Topics include classical estimation theory, observer design, Kalman filters, and fault diagnosis. The students will learn to design and implement (in MATLAB) state estimators and fault detection algorithms for various systems, as well as to model faulty components. Infrastructure (small-scale testbed and simulation software) from the KIOS Laboratory for Power Systems and Renewable Energy will be used in the teaching of estimation theory and observer design. Furthermore, an in-house developed platform on intelligent vehicle routing will be integrated in the teaching of Kalman Filter algorithm, while the KIOS platform for Smart Water networks will be used in the teaching of fault diagnosis methods.

ECE 802 Optimization of CIS
7 ECTS

This course introduces finite-dimensional optimization and decision theory and basic optimization algorithms. The formulation of optimization problems arising in CIS is also presented together with worked-out examples. After the course the students will be able to formulate optimization problems, design computer algorithms for finding minima and maxima in a wide range of optimization problems involving smooth criteria and, just as importantly, to interpret, and if necessary, modify, the algorithms found in standard computer packages. The students will also be able to formulate and solve decision making problems and problems involving graphs. Finally, the students will be capable of formulating optimization problems arising in CIS and to compute their solutions.

ECE 803 Security for CIS
7 ECTS

The aim of this course is to cover the underlying principles and techniques used in securing CIS and to give examples of how they are applied in practice. At the end of the course, the students will have an understanding of the themes and challenges of CIS security and the current state of the art, they will have developed a critical approach to the analysis of CIS security and will be able to bring this approach to bear on future decisions regarding security. Finally, students will be able to appreciate the main threats, attack techniques and defenses relevant to the security of CIS, to identify potential vulnerabilities and propose countermeasures and to design secure critical infrastructure systems.

ECE 804 Industrial Control
7 ECTS

The aim of the course is to provide basic elements of industrial control systems as well as a glimpse of advanced multi-variable control of generic large-scale systems related to critical infrastructures. Insight on basic concepts of multi-variable control is given with emphasis on optimal and model-predictive control approaches, as well as insight on the basic architectures of modern multi-level software automation architectures. The automation SW architectures and technologies are put in the context of CIS use cases where appropriate. The students, at the end of the course, should know the basic principles governing the analysis and design of multivariable control systems in the context of large-scale systems. They should be able to carry out the static and dynamic analysis characterization of models to be used in the design of multi-variable control systems. Moreover, they should be able to evaluate, among several options, how to configure and design the architecture and the controller of a multi-variable automatic control system starting from requirements and considering technological constraints.

ECE 805 Machine Learning
7 ECTS

This course aims to introduce the theory, methods and applications of the field of Machine Learning. The objectives of the course are the presentation of the core principles and algorithms of supervised, unsupervised and reinforcement learning; the explanation of the application of these algorithms for the solution of regression, classification, clustering and decision-making problems; and the demonstration of practical machine learning tools suitable for the analysis of data sets and the solution of machine learning problems. Special emphasis will be placed on real-world critical infrastructure systems applications. By the end of the course, students should be able to understand the principles of supervised, unsupervised and reinforcement learning, to design and implement a wide variety of machine learning algorithms, to analyze raw data to create representations that are more suitable for machine learning algorithms and to solve and evaluate the performance of classification, regression, dimensionality reduction and clustering problems that arise in critical infrastructure systems using state-of-the-art machine learning tools.
Creating new businesses calls for venturing into unknown territory. This course examines successful strategies, business models, and frameworks for introducing innovative products and services to the market. Topics include human-centered and design-driven innovation, lean-start-up methodology, and business model innovation. The main purpose is to explore the many dimensions of new venture creation and growth. Students will gain thorough knowledge of where innovation can be found within an organization, how to recognize it, and how it can be used for competitive advantage. While most examples will be drawn from new venture formation, the course examines cases in ICT-related entrepreneurship. Cases, lectures, and projects focus on emerging and established firms in a number of industries for which innovation is a key source of competitive advantage.

This course provides a solid understanding on the fundamentals of the following critical infrastructure systems: electric power systems, telecommunication networks, water distribution networks, and transportation networks. To understand how to model and simulate simple instances of these networks, it introduces general tools for modeling such systems (Automata, Petri-nets, graph theory, conservation laws, differential and algebraic equations, partial differential equations) and general tools for simulating and analyzing such systems (discrete event simulation, steady-state methods, state-space, design of algorithms).

By the end of the course students will obtain the fundamental skills required to model the most important critical infrastructure system components and the systems as a whole. They will also be able to simulate simple cases for these systems under steady state and faulty conditions.

The purpose of this course is to provide a solid understanding of the following critical infrastructure systems: electric power systems, telecommunication networks, water distribution networks, and transportation networks. The course aims to model and analyze these systems using advanced network simulators, help students understand the practical problems in the control and management of these systems, and to obtain practical skills related to the design and operation of these systems under normal and faulty conditions. The students are expected to be able to model the most important critical infrastructure system components and be able to analyze them under steady state conditions. Moreover, they should be able to design and simulate these systems according to given operational criteria and constraints. Finally, students should understand the technical, economic, and environmental implications of the design and operation of critical infrastructure systems.

The MSc is a full-year project which enables students to carry out research in order to deepen their scientific and applied knowledge and skills in a specific topic in the area of Intelligent CIS. The thesis is expected to give the opportunity to students to work on a comprehensive, individual project that demonstrates mastery in innovative ICT techniques to address monitoring, control, management and security of CIS at the technical, managerial and policy level.

Through their research students will understand technical and management features in Intelligent CIS, learn to deal with particular challenges in Intelligent CIS and obtain experience in research methods, including technical writing and communication skills, as well as project management. The thesis constitutes a significant piece of research and should be of suitable complexity for results to be published for an expert audience. Projects are allocated at the end of February of the 1st year of study (student proposals for projects may also be allowed, after examination and approval by the Program’s Committee). Projects can be carried out in collaboration with industry, tackle specific research challenges faced by the industry. For industrial projects, the specific project and student(s) involved are approved mutually by the project supervisor(s) and the specific company/organization.

Seminars exploring current research and topical issues in the areas of monitoring, control, management, and security of CIS, as well as other related electrical and computer engineering disciplines, focused on the general theme of innovation. Seminars are organized in blocks with related content, and are presented by prominent external speakers as well as by faculty members and graduate students. The course requires participation in at least 15 seminar presentations over the course of the MSc program. Students must attend at least 5 non-technical seminar presentations. Students are also expected to participate in a dedicated workshop, organized at the University of Cyprus, which will be exploring specific research and innovation topics related to their MSc program. The workshop will include prominent speakers from the academia and industry. During the workshop, students will also be required to showcase the work for their MSc thesis, attend the presentations by other MSc students, and discuss their research work and exchange ideas with other students and faculty.

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Academic Advisor
Every student is assigned, upon admission into the program, an Academic Advisor who is a faculty member of the ECE department. The Academic Advisor, assigned by the Program’s Committee during the admission evaluation process, monitors the progress of the student and consults with the student on his/her academic plans.

Research Supervisor
By the end of the second semester, every student needs to find a Research Supervisor who will be responsible for overseeing the work conducted by the student with regards to the MSc Thesis. The Research Supervisor is approved by the Program’s Committee, in consultation with the student and the suggested advisor. If the student fails to find a Research Supervisor, then he/she can consult his/her Academic Advisor for alternative solutions.

Thesis Committee
The Thesis Committee will consist of the student’s Research Supervisor and two additional faculty members with related research interests. One of the members of the Committee can be a qualified individual who is external to the Department. Qualified individuals are considered holders of a PhD or MSc degree, with extensive knowledge in the research subject. The student’s Research Supervisor will be the chairperson and coordinator of the Committee.

Thesis Proposal
Students are expected to submit a written initial report by the end of the 2nd semester (Spring). The initial report covers the background, specification and milestones for the project, providing the aims and objectives of the project, a literature review and a contents page for the final report.

Thesis Report
Students start full time work on their project after the end of exams in May. The student presents a written project report to the MSc Thesis Committee at least by the end of November of the 3rd semester of the program. The report has to be in a generally accepted format and must contain a description of the proposed research, obtained results, and a complete bibliography which includes the current state of the art.

Defense of the MSc Thesis
The student presents the scientific research findings of his/her MSc Thesis during an oral defense, which takes place before the MSc Thesis Committee usually during December and is open to the public. The procedure for the defense is comprised of three stages:
- An oral presentation of the thesis in an open lecture lasting 30-45 minutes, with additional time available for questions from the public.
- A closed discussion between the student and the members of the MSc Thesis Committee.
- Meeting of the MSc Thesis Committee to make its final deliberation.

The program includes a full-year project (MSc thesis) on a research topic. Projects are allocated at the end of February of the 1st year of study (student proposals for projects may also be allowed, after examination and approval by the Program’s Committee). Projects can be carried out in collaboration with the industry, tackling specific research challenges faced by the industry. For industrial projects, the specific project and student(s) involved are approved mutually by the project supervisor(s) and the specific company/organization.
Courses of the MSc program are taught in teaching buildings located at the main Campus (Campus Teaching Facilities Buildings 1 & 2). The state of the art classrooms, amphitheaters, auditoriums and seminar rooms of different sizes and capacity provide an excellent environment to support the teaching and learning for both staff and students. Teaching rooms are well-equipped with audio-visual means (sound systems, video projections, televisions, interactive boards and screens) and lit with the use of smart systems. Additionally, all teaching areas are covered by wifi.

The Library is an integral part of the student’s life and plays an important role in the learning and research activities of the community at the University. The outstanding Learning Resource Center – Library Stelios Ioannou is the home and central core of knowledge – with advanced aesthetics at the heart of the Campus. This impressive building covers an area of 15,700 square meters and houses 1 million printed volumes, over 30,000 electronic titles and 150 databases. It also provides approximately 900 study seats that are equipped with the latest technology.

The University House Anastasios G. Leventis located also at the main Campus, accommodates the central administration and administrative services of the University of Cyprus. Students can access a number of services at the House such as the Academic Affairs and Student Welfare Services, the University’s Graduate School and Information System Services.

In addition to its outstanding educational facilities, the University offers excellence also in its social facilities. The UCY Athletic Center comprises of modern athletic fields and sports halls that are accessible to all UCY students. It includes the main indoor Sports Hall, outdoor football field, 3 outdoor tennis courts, outdoor hand ball court, 2 outdoor futsal fields, 2 basketball/volleyball outdoor courts and beach volley court. The UCY Sports Centre operates daily and on Saturdays, offering a flexible sports program that meets all needs and interests.

Also located at the main UCY Campus is the Social Facilities Center which plays a central role in the recreation, socialization and support of the student community. The complex is comprised of seven buildings organized around a public square and encompasses various and alternative indoor and outdoor spaces. A variety of services operate in the complex, including restaurants, coffee shops, a pub, a mini market, a bookshop/copy center, various banks, ATM machines etc.
FACILITIES OF THE ECE DEPARTMENT

The Department of Electrical and Computer Engineering is currently housed, along with other departments of the School of Engineering, in a number of buildings located near or at the main UCY Campus. The MSc program’s teaching personnel offices, the administrative support of the program, meeting rooms and the KIOS research laboratories are located in the KIOS facilities in the Social Facilities Center at the main UCY Campus. The rest of the laboratories are located in a number of buildings at or close to the main UCY Campus.

Overall, the Department currently houses a large number of teaching and research laboratories with high-end tools, large-scale infrastructure, software and hardware equipment that enable advanced research and learning in the several research topics of the Department. These include laboratories in the following areas: power systems; photovoltaic technology; sensors and robotics; mobile communications and networking; embedded systems; dependable integrated systems; distributed control systems and networks; computer architecture; biomedical imaging and applied optics; electromagnetics; electronics; microwave and antennas; microwave photonics.

LABORATORIES RELEVANT TO THE PROGRAM

RELEVANT LABORATORIES:

Power Systems Laboratory
Aims towards modelling, simulation, emulation and experimental validation of energy systems, with expertise in developing smart converters for the integration of renewable energy sources both at the building and grid level, as well as in generation and storage technologies. The laboratory includes wind turbine, photovoltaic system, real time digital power system simulator, flywheel based kinetic battery, electrolyzer and hydrogen storage.

Mobile Communications & Networking Laboratory
Examines the modelling, simulation, emulation and design of architectures, protocols, algorithms and technologies for next-generation communication systems with a focus on communication theory, wireless communications and networking. Key equipment includes software defined radio platform, energy harvesting development kit for wireless sensors as well as simulation software for optical/telecommunication networks.

Sensors and Robotics Laboratory
Investigates the design and implementation of embedded, multi-sensor systems for monitoring and control different environments such as critical infrastructures. These sensors can be on fixed or mobile (robotic) platforms. Key equipment includes drones, miscellaneous terrestrial robotic platforms and drone attachable thermal camera with radiometry.

Embedded Systems Laboratory
Focuses on the design, development, implementation and verification of low-power, high-performance and highly reliable systems on chip, suitable for embedded and mobile environments. The laboratory includes hybrid platform for large scale circuit and system emulation, multi-GPU supercomputers, boards for acceleration of compute intensive applications, BeeCube Platform for large scale hardware emulation, embedded Computing Systems, bumblebee stereoscopic camera, smart camera nodes, embedded GPU platform for accelerated edge computing and logic analyzers/oscilloscopes/function generators for circuit design.
The MSc in Intelligent CIS programme has been jointly developed by the University of Cyprus and Imperial College London during the KIOS CoE Teaming project. The KIOS CoE Teaming project is funded by the European Union’s Horizon 2020 research and innovation programme under grant agreement No 739551 and the government of the Republic of Cyprus through the Directorate General for European Programmes, Coordination and Development. Complementary funding for the KIOS CoE is also provided by the University of Cyprus and Imperial College London.

Prospectus Approval
The prospectus has been approved by the University of Cyprus and the Cyprus Agency of Quality Assurance and Accreditation in Higher Education by their letter dated 27th June 2018.

Disclaimer: Information included within this prospectus was correct at the time of publication. The information is to be used as a general guide, changes may occur after publication.
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