

**KIOS RESEARCH AND INNOVATION
CENTER OF EXCELLENCE
MSc Student Scholarships**

No. of Positions: Five (5) Positions
Category : Scholarships
Location : University of Cyprus, Nicosia, Cyprus

The KIOS Research and Innovation Center of Excellence (KIOS CoE) announces 5 Master-level Scholarships for the MSc program in Intelligent Critical Infrastructure Systems. The program is offered by the Department of Electrical and Computer Engineering at the University of Cyprus in collaboration with the KIOS CoE and Imperial College London, UK.

Scholarships will be awarded based on merit and can cover up to 100% of the tuition fees. In addition, there is the option for successful scholarship applicants to receive a monthly salary for part-time employment at KIOS CoE.

MSc Program Information

The Program's objective is to teach highly innovative intelligent system methods and tools from emerging Information and Communication Technologies (ICT). The main purpose is to tackle challenging problems in modern Cyber-Physical Systems, with emphasis on monitoring, control, management and security in critical infrastructure systems. These systems include electric power and energy systems, water distribution networks, telecommunication networks, transportation systems, and emergency response systems.

The program offers a unique opportunity for professionals working in critical infrastructure systems to further specialize and formalize their education with the newest ICT approaches relevant to modern infrastructures. Moreover, it provides an excellent option for students with a Bachelor's degree in engineering or natural and applied sciences who want to pursue a professional career in critical infrastructure systems or an advanced research career by progressing with a PhD degree in the field.

The duration of the program is 3 semesters (1.5 years) and is available to study part-time (6 semesters / 3 years). Courses are delivered by academics from University of Cyprus and Imperial College London and the language of instruction is English.

For more information about the MSc program visit the program's website at www.msccis.ucy.ac.cy or contact us directly at +357 22893460 / msccis@ucy.ac.cy.

University of Cyprus

The University of Cyprus was officially founded in 1989 and started operating in Nicosia, the capital of Cyprus, in 1992. Within a short time, the University of Cyprus managed to achieve international recognition through an impressive course of development. Today, it is ranked 52nd young university (under 50 years) and #351-400 worldwide by the Times New Higher Education Rankings.

These great distinctions are the result of our dedication to excellence and continuous development. The University of Cyprus managed to stand out and receive awards for the new paths it has opened up in particularly demanding and dynamic contexts of research. The University of Cyprus becomes better every year; therefore, it wishes to attract the best students and employees.

To this end, the University constantly develops its programs of study and recruits high-caliber staff who will contribute significantly to the design of new curricula, both at undergraduate and graduate level. One of the strategic aims of the University of Cyprus is the further promotion and development of research, in which students and new staff are expected to play an essential role.

KIOS Research and Innovation Center of Excellence

The KIOS Research and Innovation Center of Excellence is the largest research center at the University of Cyprus and has recently been upgraded to a European Research Center of

Excellence through the KIOS CoE Teaming project. Currently, the Center employs more than 150 researchers (at various ranks/levels), who are supported by externally funded research projects.

KIOS provides an inspiring environment for carrying out top level research in the area of Information and Communication Technologies with emphasis on the Monitoring, Control, Management and Security of Critical Infrastructures including power and energy systems, water networks, transportation networks, telecommunication networks and emergency management and response. The Center instigates interdisciplinary interaction and promotes collaboration between industry, academia and research organizations in high-tech areas of global importance. The KIOS CoE operates in a diverse environment as an equal opportunity employer.

Scholarship Terms:

Interested candidates can apply under any of the following two scholarship schemes:

- (i) Tuition Scholarship: Includes 50% - 100% of the University tuition fees, depending on applicant qualifications
- (ii) Tuition & Employment Scholarship: On top of the tuition scholarship, it includes a gross monthly salary for employment at KIOS CoE in the range of €750 – €1100, depending on the hours of employment. The 13th salary bonus is incorporated in the monthly salary. Maternity leave will be granted based on Social Insurance Laws from 1980 until 2012. Employment contracts will be offered on an annual basis, which will be renewed for the duration of the MSc studies based on satisfactory annual performance evaluation.

Job Opportunities for the Tuition & Employment Scholarship scheme:

The successful candidates will have the opportunity to work as a Research Engineer / Software Engineer at KIOS CoE, providing technical, research and development support to research and innovation projects. It includes the opportunity to conduct research and publish research results. The exact position, along with detailed job description on duties and responsibilities, will be determined after evaluation and based on the applicant's qualifications.

Qualifications:

- Bachelor`s degree in an Engineering or Science discipline
- Previous research or relevant technical experience will be considered an advantage for Tuition & Employment Scholarship candidates.

Application:

Interested candidates should submit the following items online through the link: <https://applications.ucy.ac.cy/recruitment>

- (i) Cover letter that specifies the scholarship scheme of interest (Tuition Scholarship or Tuition & Employment scholarship). Applicants interested in the Tuition & Employment Scholarship scheme must also state employment availability date and why they are interested in pursuing employment at KIOS CoE.
- (ii) A detailed curriculum vitae in English or in Greek
- (iii) Short description of academic, research and other relevant experiences (can be combined with the cover letter) (1 page maximum)
- (iv) Copies of transcripts of BSc/MSc degree(s)
- (v) At least two reference letters from University Professors, uploaded directly from the referees

The applications should be submitted as soon as possible, but not later than **Friday, 11 June 2021 at 5 pm**. The evaluation of the applications will begin immediately, and shortlisted candidates will be called for an interview.

Candidates are also required to submit a University post-graduate studies application at https://applications.ucy.ac.cy/postgraduate_appl/MNG_USER_en.login_frm by **Friday, 18 June 2021**. For more information please contact the KIOS Center of Excellence, by phone at +357 22893460 or via e-mail at msccis@ucy.ac.cy.