



# MSc programme in Intelligent Critical Infrastructure Systems offered by UCy

THE department of electrical and computer engineering of the University of Cyprus, in collaboration with the Kios Research and Innovation Centre of Excellence and Imperial College London, is accepting applications for the MSc programme in intelligent critical infrastructure systems.

For the academic year 2021-2022, five merit-based scholarships will be offered to successful applicants accepted to the programme, to cover 50-100 per cent of their tuition fees. In addition, students accepted to the programme will have the opportunity to apply for part-time or full-time employment at the Kios Research and Innovation Centre of Excellence, the largest research and innovation centre in Cyprus on information and communication technologies.

The duration of the programme is 3 semesters (1.5 years) but it can be completed part-time as well (6 semesters - 3 years). Courses are delivered by academics from University of Cyprus and Imperial College London and the language of instruction is English.

The application deadline is April 16 at noon and candidates can apply through

the University of Cyprus online application system: [https://applications.ucy.ac.cy/post-graduate\\_appl/MING\\_USER\\_en.login\\_frm](https://applications.ucy.ac.cy/post-graduate_appl/MING_USER_en.login_frm)

The number of available positions is limited, and the evaluation of prospective candidates will begin immediately.

Applicants also interested in employment can apply under the open call for Kios CoE research and innovation positions or dedicated calls for software/research engineer positions at the centre. Information on job vacancies at the Kios CoE can be found at: <http://www.kios.ucy.ac.cy/index.php/employment-opportunities.html>

## HIGHLY INNOVATIVE

The MSc programme in intelligent critical infrastructure systems, which will be offered for the third consecutive year, teaches 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.

This unique programme is characterised by multidisciplinary and strong relevance to the industry, since it focuses on real problems provided by organisations involved in the monitoring, control, security and management of critical infrastructures. The coursework provides a blend of the necessary theory, tools, applications, transferable skills and practical/research experience, with a holistic approach which provides students with knowledge, skills, competencies and experiences relevant to the topic of the programme. Furthermore, the programme takes advantage of the state-of-the-art buildings and laboratory/testbed infrastructure facilities at the University of Cyprus campus.

For more information about the MSc programme please visit the programme's website at [www.msccis.ucy.ac.cy](http://www.msccis.ucy.ac.cy) or contact us directly at +357 22893460/62 or send an email to [msccis@ucy.ac.cy](mailto:msccis@ucy.ac.cy)