



NEW START4U CIC
024 7767 1470
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12-14 Riley Square,
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MSc Information Security Management (Part-Time)

London Campus

Level of study: Postgraduate

Mode of study: Part-time

Duration: 2 years (15 weekends)

Overview

The MSc Information Security Management aims to develop your technical competences in information assurance, incident management, information governance alongside the enhancement of your leadership skills and ability to contribute to the development of organisational information security strategies, board level risk and crisis management strategies.

The Programme is designed specifically to enable you to update, extend and deepen your knowledge in Information Security and related Management and wider digital leadership and information security subjects, in order to enhance and accelerate your career opportunities. The MSc will enable you to develop and enhance your learning capability and to make sense of the need to continually improve your professional practice and career development in the areas of Information Security and related management issues.

Key facts

Designed for those wishing to develop or accelerate a career in Management of Cyber Security, including policy development and the management of remote teams. Work related assessment wherever possible, designed to deliver impact in your organisation

Learn how to protect the integrity, authenticity, availability and confidentiality of all classes of information including cyber security risk assessment. Explore contemporary Information Security Management issues that considers the implications of if its impact and the alternative strategies that could mitigate or avoid its consequences. Delivered over 2 years in Part-Time mode – 15 weekends with supporting on-line or face to face tutorials as required

Structured professional practice support for career development or transition, including a career review and development plan

Course information

Level of study: Postgraduate

Fees: To find out about current fees and student finance contact us



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Entry requirements: 2:2 (second class) honours or equivalent from a recognised university in any subject (except Cyber Security) Professional qualifications that are equivalent to an honours degree or work experience may also be acceptable .Mode of study: Part-time

Duration: 2 years (15 weekends)

Assessment methods: Coursework

Scholarships or bursaries: available

Student finance: available

Payment plan: available

Starts: Jan, Apr, Jul, Oct,

About this course:

What will I study?

The MSc Information Security Management Programme is designed specifically to enable you to update, extend and deepen your knowledge in Information Security and related Management and wider digital leadership and information security subjects, in order to enhance and accelerate your career opportunities. The programme has been designed to enable you to develop and enhance your learning capability and to make sense of the need to continually improve your professional practice and career development in the areas of Information Security and related management issues.

The programme aims to develop you as a modern, well rounded and outward looking professional capable of taking responsibility for and effectively leading cyber security and technology projects and people, capable of making good decisions and improving the performance of yourself, your people, your areas of responsibility and your organisation.

By completing the MSc in Information Security Management you will be able to demonstrate capabilities in the areas of the Digital Leadership, Information Governance and Cyber Security, Information Assurance and Cyber Risk Management, Contemporary Issues in Information Security Management, Digital Forensics and Incident Management,

Research Methods for Professional Practice and Computing and Digital Technologies Project. The modular content has been designed to allow you to extend and deeper learning in specific areas in the areas of specialism which are relevant to you. For example, the digital leadership module is designed to support future career progression into roles where there is a requirement to manage other cyber specialists. It also provides a useful foundation for those seeking to pursue a career in cyber security in a role where you are required to add something about a specialist module. Knowledge gained from studying the programme will enable you to conduct threat intelligence analysis to keep up to date with the changing threat landscape.

There is a growing demand for specialists who able to combine the softer skills of communication and leadership to develop organisational information security strategies, board level risk and crisis management



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strategies. This demand is creating a shift at a mid to senior level towards the management of information security and progressively the management of geographically dispersed technical specialists working in large complex projects. The ability to demonstrate these capabilities in the workplace is central to your career development and progression and in support of this, development of your personal professional practice is embedded into the programme.

How will I be taught and assessed?

You'll be taught using a range of methods such as workshops, tutorials, directed study and discussion forums, and led by experienced lecturers and academics who use their industry and research experience to demonstrate how the theories, tools, technologies and methods you will learn on the programme translate in to real life situations.

As a student working in the computing environment you will be encouraged by your tutor to integrate your work practice in the module content and development of assessments. By following this approach there are opportunities to connect learning delivered during the module to your role and vice versa.

For each module you can expect 24 hours of overall contact time delivered through interactive workshops and face-to-face classroom sessions. This will be supported by a minimum of 12 hours of guided tutor learning which can be delivered virtually, examples include tutorials, tutor led collaborative exercises with peers, discussion forums and videopresentations.

You will also be expected to engage in independent study, around 164 hours for each module. This will be supported by your module tutor and will consist of pre-class reading preparation, research, assessment preparation, development and writing as well as skills development and online tests and quizzes. The assessment for this programme is 100% coursework, with examples including report writing and tangible pieces of work such as a programme or database, portfolio and final project.

Technology Enhanced Learning (TEL) is embedded throughout the course with tools such as the 'Blackboard' eLearning Portal and electronic reading lists that will guide your preparation for seminars and independent research. We offer extensive student support in and outside of the classroom with a dedicated student support team based in London.

Careers and further study

Increasingly managers in a senior position find that they have become accountable for information security management in their organisation, particularly with GDPR, as the scope of their role creeps to include risk handling, management of cyber technologists and governance.

This MSc has been designed to ensure that graduates have a foundation in a range of information security competences such as information assurance, incident management and the information governance knowledge to support senior managers, in order to bridge the technical gap and contribute to organisational strategies and contingency planning. You may be working in a variety of organisation types including the IT sector as a departmental or senior manager with responsibility for maintaining information security

Entry requirements



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Applicants should have:

Standard entry requirements . Minimum 2:2 or above from a recognised university in any discipline (except Cyber Security). Professional qualifications that are equivalent to an honours degree

Non-standard entry requirements

Relevant qualifications and/or work experience, such as CompTIA, Cisco, Microsoft, (ISC)2 , Amazon AWS or any other related certifications, will be taken into consideration where the applicant has the judged potential to benefit from the programme. Requests will be considered on an individual basis by the Programme Leader and relevant module tutors where appropriate.

Modules

All modules on this course are core.

Information Governance and Cyber Security (20 credits)

In this module you will learn about the information governance and cyber security principles that underpin the management of an organisation's information assets. In doing so you will critically analyse the key concepts, theories, standards and frameworks of information governance and security, including risk management. This will enable you to evaluate an organisation's or the one in which you work, their current approach to information governance and cyber security and to advise on the design and implementation of an appropriate strategy for managing an organisation's information assets to meet legal, regulatory, organisational and/or societal needs for information governance and cyber security.

Leadership in a Digital Age (20 credits)

In this module you will develop new knowledge and skills in leadership in a digital context. These capabilities are essential for your career development as they enable you to become competent at the visioning, development and deployment of technological strategies and responses to challenges and opportunities in complex organisational environments.

Information Assurance and Cyber Risk Management (20 credits)

This module will provide you with an in-depth knowledge of the processes used in assuring the security of information during use, sharing, storage, transmission and disposal. This is a specialist module and is designed to provide you with an understanding of how to create a comprehensive framework for ensuring the resilience of business activities during cyber threats and disruptive events. This will enable you to assess potential cyber security risks to the business alongside the how to mitigate disasters or emergency situations.

Contemporary Issues in Information Security Management (20 credits)

As a professional working in information security it is imperative you maintain an up to date knowledge and understanding of contemporary research and practice, this is the focus of this module. This module is designed to allow you to explore a contemporary information security management issue that is relevant to you or the organisation in



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which you work. The aim of the module is to allow you to explore this question and consider the implications of its impact as well as the alternative strategies that could be considered to mitigate or avoid its consequences. The inclusion of this module within the programme provides a valuable and authentic opportunity to contribute to the improvement of an organisation's ability to respond to issues that it faces from the environment in which it operates.

You will be encouraged to research widely, involve relevant stakeholders and deepen your thinking on develop practical strategies to address your chosen issue.

Digital Forensics and Incident Management (20 credits)

This module will provide in-depth and research-informed knowledge on incident management to mitigate against cyber-attacks that could lead to loss of, or disruption to, an organisation's operations, services or functions. In addition, you will develop competences to complete a literature review, critical thinking and reflection skills, this will prepare you to contribute to the development of a professional organisation, hence further improving your career prospects.

Research Methods for Professional Practice (20 credits)

This module is designed to ensure you have the skills and knowledge to complete a postgraduate research project which is relevant to Information Security Management and career or future aspirations. As such, in the early part of your studies you will work closely with careers and professional development specialists to consider your career or future learning opportunities post completion of your degree. You will subsequently develop a career plan and reflective log considering how your learning from the programme can accelerate the achievement of this plan.

Academic Language Skills for Computer and Information Sciences (0 credits)

The aim of this module is to support your study, language and communication skills for academic purposes in the study in your chosen discipline. The module is designed to enable you to become an independent learner. The module is supported by a teaching and learning plan which outlines the formal sessions, together with the tutor-directed study and independent reading. Interactive seminars will be tailored to address some of the specific issues that you meet within your discipline. Directed learning will require a range of activities including pre-reading, preparation for interactive activities and use of the e-learning platform. You will be expected to identify those skills which you need within your programme, and to develop these independently through a range of learning activities that might include extended reading, and reflection.

MSc Computing and Digital Technologies Project (60 credits)

The aim of this module is to enable you to undertake a substantial academic research project at Masters level and present the results from this work in both written and oral forms. Your project itself will be a major piece of independent and original research centred at the forefront of your programme discipline within the wider sphere of the computer science and digital technologies field. You will experience the full life cycle of a research project from initial conception and development of a research proposal, through a critical review of the literature, planning, design, implementation and analysis of your main research



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project, to final evaluation, reflection and dissemination. You will be expected to consider and address the professional, ethical, legal and social issues related to this academic research project. You will also be expected to apply your expertise, project management and practical skills within your particular domain of computer science and digital technologies and demonstrate critical and innovative thinking and problem solving within a research environment.

Please note that your tuition fees do not include the cost of course books that you may choose to purchase, stationery, printing and photocopying, accommodation, living expenses, travel or any other extracurricular activities. As a London Campus student, you will have full access to our online digital library with over 400,000 e-books and 50,000 electronic journals.

The modules you will study do not require you to purchase additional textbooks although we recommend you allow an additional £200-250 for the duration of your studies should you choose to purchase any additional reading materials.