



# Graduate Open **Events**

**MSc Information Security**

**Speakers:** Dr Philipp Jovanovic & alumni



# Schedule

- **Welcome**
- **Overview from Dr Philipp Jovanovic, Programme Director**
  - Why you should study this programme
  - Who is the programme designed for
  - Career outcomes
- **Reflections from graduate:**  
Tania Palacios
- **Q&A**



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**MSc Information Security**

**Dr Philipp Jovanovic, Programme Director**



# Overview of MSc Information Security

## Who is the programme designed for?

This MSc is designed to appeal to computer science, electrical engineering and mathematics graduates who wish to be involved with the security aspects of information technology. The programme is intended as a foundation to a rewarding career at the more advanced levels of information security.

## Why study this programme?

- UCL Computer Science is recognised as a world leader in teaching and research. The department was ranked first in England and second in the UK for research power in Computer Science and Informatics in the UK's most recent Research Excellence Framework (REF2021.)
- You will be taught by academics with an outstanding reputation in the field, most notably in cryptography and human-centred approaches to security, privacy and trust. Access to industry-led projects and guest lecturers from academia and industry will enhance post-graduation opportunities for careers in security-related research, or employment in cyber security roles.

# Overview of MSc Information Security

## Why study this programme? Continued...

- The department is recognised as an academic centre of excellence on cyber security and further opportunities to expand both academic and industrial contacts arise through the ACE-CSR guest lecture series integrated into the degree. We take an experimental approach to our subject, enjoy the challenge and opportunity of entrepreneurial partnerships, and place a high value on our extensive range of industrial collaborations.
- UCL Computer Science graduates are highly valued as a result of the department's strong international reputation, strong links with industry, and ideal location close to the City of London.

# Overview of MSc Information Security modules –

please note these are subject to revision

## Compulsory modules

[Introduction to Cryptography](#)

[Computer Security I](#)

[Computer Security II](#)

[Research in Information Security](#)

[MSc Information Security Dissertation](#)

## Optional modules

[People and Security](#)

[Information Security Management](#)

[Malware](#)

[Privacy Enhancing Technologies](#)

[Philosophy, Politics and Economics of Security and Privacy](#)

[Distributed Systems and Security](#)

[Cryptocurrencies](#)

[Practical Program Analysis](#)

[Accountable, Transparent, and Responsible Artificial Intelligence](#)

[Cybercrime](#)

# Overview of MSc Information Security

## Career outcomes

The programme is designed to enhance your career prospects through the advanced study of information security topics. It aims to educate you to make an early and substantial contribution to your future employer in broad areas, from threat modelling and risk analysis over vulnerability exploitation to secure system design.

You are prepared to assume key security-related roles in your field, such as security standards compliance, secure software design, or security consultancy, being able to apply independent and critical analysis to a variety of cybersecurity disciplines. The research-based curriculum promotes strong research skills, enabling you to evaluate and add to the evidence-base of the profession.



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**Reflections from alumni**

Tania Palacios





# Useful links

## Admissions

- [Frequently Asked Questions for applicants](#)
- (Video) [UCL Computer Science MSc Application Process](#)

## Scholarships

- [UCL Scholarships and funding](#)
- [Computer Science Scholarships](#)

## Contacts

- PGT Admissions at Computer Science: [cs.pgt-admissions@ucl.ac.uk](mailto:cs.pgt-admissions@ucl.ac.uk)
- [Contact Graduate and Teacher Training Admissions](#)
- General student funding enquiries: [studentfunding@ucl.ac.uk](mailto:studentfunding@ucl.ac.uk)