

Cyber Security

University of the West of Scotland

Venues

Lanarkshire Campus

Content

This highly-specialist programme is designed for graduates who want to gain knowledge and skills in advanced topics in data and network security to combat 21st century cyber threats. It focuses on developing your practical and hands-on skills to pursue a career in the growing market of cyber security. Taught in our purpose built laboratories, the curriculum will cover computer systems and network security, cyber attacks and defence, intrusion detection and prevention, data security, and network monitoring. These are built on a strong foundation of knowledge in computer networks, both wired and wireless, using industry standard systems.

You will undertake an individual project as part of your Masters degree which allows you to carry out a substantive work based project on a topic of your interest either in the University or, where possible, in a company.

The programme delivery will draw on strong links with industry in its learning, teaching and professional development incorporating real-world learning through industry case studies, guest lecturer involvement and supported industry projects.

Start Date

September, January

Qualification

Postgraduate Master's

Study Method

Full time

Award Title

MSc

Course Length

1 - 1.5 years

Faculty

School of Computing, Engineering and Physical Science

Department

Computing

Entry Requirements

You should normally have a Bachelors Degree with Honours awarded at 2:1 in Computing Science, Computer Networking.

SCQF Level

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Website

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