

Cybersecurity

University of Aberdeen

Venues

Old Aberdeen Campus

Content

This programme teaches you to apply cybersecurity practices to protect personal devices to national critical infrastructure, both through existing methods and those of your own design. You will work at the cutting-edge of cybersecurity and privacy practices and will be equipped to work in diverse security and privacy roles in academia and industry.

You will gain the knowledge and practical expertise to evaluate, design and build secure and privacy-preserving systems ranging from household devices like kettles and children's toys to large critical infrastructures like nuclear plants and energy grids.

It is designed for graduate students and IT/ICT professionals who want to prepare for a successful career in cybersecurity and data privacy.

The ideal candidate for the course is an inquisitive, creative and curious person who wants to make the future of digital technologies and societies safe and secure. The course will provide the skills to secure current and emerging technologies and give you all the knowledge needed to attain international cybersecurity certifications.

Start Date

September

Qualification

Postgraduate Master's

Study Method

Full time

Award Title

MSc

Course Length

12 months

Faculty

Physical Science

Department

Natural and Computing Sciences

Entry Requirements

A Bachelor's degree with a 2:2 (lower second class) Honours degree (or equivalent) in Computer Science or another relevant quantitative discipline such as Mathematics, Statistics, Physics, Natural Science, Electronic Engineering, General Engineering, Operations Research, or a joint degree in two such subjects.

Applicants should also be competent in computer programming (C/C++, Python) to the level expected at the end of the first year of a BSc Honours Degree in Computer Science.

SCQF Level

11

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

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Website

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