



Forensic Investigation

MSc/MSc by Research/PgDip/PgCert

This MSc is highly practical and hands-on. It is designed to give an understanding of the cutting edge research and latest forensic methodologies and is intended to enable graduates to resolve issues in relation to civil and criminal law. The course offers students a wide range of different experiences with unique facilities available to no other university in the UK and is part of the Forensic MSc Programme which has been formally accredited by The Chartered Society of Forensic Sciences. Places on the MSc Forensic Investigation course are competitive. Students come from a wide range of backgrounds, usually with a science or forensic science first degree. Many students come from abroad, especially Europe, Africa and North America. The course is highly practical and hands-on, aiming to produce forensic experts capable of giving expert witness testimonies in a courtroom situation and elsewhere. Students are able to choose from a wide range of subject areas, providing a highly flexible course where learners are able to tailor their MSc to their interests.

Course structure

Students are required to take four core modules and choose seven elective modules based on their particular background, future requirements or interests. This is followed by a four-month research project and thesis.

Individual project

The individual project takes four months from April to July. The student selects from a range of titles, or may propose their own topic. Most are practically or experimentally based using Cranfield's unique facilities.

Future career

The Forensic Investigation course offers career opportunities across a broad range of applications. Past students have gone on to work in forensic laboratories, government bodies and police forces.

Accreditation

The MSc of this course is accredited by The Chartered Society of Forensic Sciences.



The
Chartered
Society of
Forensic
Sciences

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Example modules

Modules form only part of the course, with the project(s) and these making up the balance. Please see the course structure for details.

The list below shows the modules offered in the 2019-20 academic year, to give you an idea of course content. To keep our courses relevant and up-to-date, modules are subject to change – please see the webpage for the latest information.

Compulsory:

- Analytical Techniques,
- Courtroom Skills,
- Investigation and Evidence Collection,
- Reasoning for Forensic Science.

Elective (choose seven):

- Counter-Improvised Explosive Device Capability,
- Digital Crime and Investigation,
- Environmental Forensic Science,
- Fakes and Forgeries,
- Firearms Investigations,
- Fires, Explosions and their Investigation,
- Forensic Archaeology: Mass Grave Excavation,
- Forensic Archaeology: Recovering Buried Remains,
- Forensic Ballistics Investigations,
- Forensic Exploitation and Intelligence,
- Forensic Investigation of Explosives and Explosive Devices,
- Fundamentals of Forensic Anthropology: Osteology,
- Further Forensic Anthropology: Identification,
- Hazardous Forensics,
- International Heritage Crime,
- International Heritage Crime Exercise,
- Introduction to Firearms Investigation and Forensic Ballistics,
- Mass Fatality Incidents,
- Materials Engineering and Processes,
- Practical Archaeological Excavation,
- Radiographic Investigations in Forensic Science,
- Trace Evidence,
- UK Heritage Crime,
- UK Heritage Crime Exercise.

Duration:

MSc: 11 months full-time, up to three years part-time PgDip/
PgCert: one year full-time, up to two years part-time

Start date:

October.

Location:

Cranfield.

Entry requirements:

A first or second class Honours degree or equivalent in archaeology, forensic science or scientific discipline, or the professional equivalent. Students with other degrees who can show a knowledge of and interest in the scientific elements of the subject will also be considered.

For further information please visit

www.cranfield.ac.uk/fi