

# Programme Specification (Postgraduate)

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**FOR ENTRY YEAR: 2022/23** 

#### 1. Programme title(s) and code(s)

MSc./PGDip\*/PGCert\* in Forensic Science and Criminal Justice

#### **Notes**

\* An award marked with an asterisk is only available as an exit award and is not available for students to register onto.

#### **HECOS Code**

| HECOS Code | %   |
|------------|-----|
| 100388     | 75% |
| 100483     | 25% |

### 2. Awarding body or institution

University of Leicester

#### 3. a) Mode of study

Part-time

### b) Type of study

Distance learning

#### 4. Registration periods

The normal period of registration for the MSc is 27 months

The maximum period of registration for the MSc is 48 months

#### 5. Typical entry requirements

Honours degree at 2:1 level or equivalent. In accordance with regulations applicants who do not meet the standard criteria may be considered on the basis of other qualifications and extensive and relevant work experience.

Students whose first language is not English must satisfy the University's English Language requirements, IELTS 6.5 or equivalent.

#### 6. Accreditation of Prior Learning

A maximum of 30 credits obtained from approved optional modules undertaken at the Universities of Canberra or Florida will be recognised by the University.

#### 7. Programme aims

The programme aims to

- raise students' knowledge and understanding of the evaluation, interpretation and use of forensic science evidence as a means of solving crime.
- enable students to critically analyse the evidential value of multiple types of forensic science evidence.

 equip students to engage in forensic science research and to conduct independent evaluations of forensic science evidence.

### 8. Reference points used to inform the programme specification

- QAA Benchmarking Statement
- Framework for Higher Education Qualifications (FHEQ)
- UK Quality Code for Higher Education
- University Learning Strategy
- University Assessment Strategy
- University of Leicester Periodic Developmental Review Report
- External Examiners' reports (annual)
- United Nations Education for Sustainable Development Goals
- Student Destinations Data

## 9. Programme Outcomes

Unless otherwise stated, programme outcomes apply to all awards specified in 1. Programme title(s).

### a) Discipline specific knowledge and competencies

### i) Knowledge

| Intended Learning   | Teaching and Learning Methods  | How Demonstrated?                                      |
|---|--|--|
| Outcomes  |  |  |
| Advanced knowledge of the use of forensic science as a means of solving crime | DL materials (voice over presentations, podcasts, video footage) on Blackboard, directed reading (e-library) and activities, dissertation supervision and independent research | MCQ's, assessed written assignments and a dissertation |

#### ii) Concepts

| Intended Learning<br>Outcomes   | Teaching and Learning Methods   | How Demonstrated?                                      |
|---|---|--|
| Enhanced appreciation of concepts of evidence evaluation and evidential value in the context of forensic science evidence | DL materials (voice over<br>presentations, podcasts, video<br>footage) on Blackboard, directed<br>reading (e-library) and activities,<br>dissertation supervision and<br>independent research | MCQ's, assessed written assignments and a dissertation |

### iii) Techniques

| Intended Learning<br>Outcomes                       | Teaching and Learning Methods   | How Demonstrated?  |
|---|---|--|
| Ability to apply an understanding of these concepts | DL materials (voice over<br>presentations, podcasts, video<br>footage) on Blackboard, directed<br>reading (e-library) and activities,<br>dissertation supervision and<br>independent research | Blackboard discussion groups,<br>MCQ's, assessed written assignments<br>and a dissertation |

# iv) Critical analysis

| Intended Learning<br>Outcomes  | Teaching and Learning Methods   | How Demonstrated?  |
|--|---|--|
| Ability to apply an understanding and critical assessment of the evaluation and evidential value of forensic science evidence to multiple evidence types | DL materials (voice over<br>presentations, podcasts, video<br>footage) on Blackboard, directed<br>reading (e-library) and activities,<br>dissertation supervision and<br>independent research | Blackboard discussion groups,<br>MCQ's, assessed written assignments<br>and a dissertation |

## v) Presentation

| Intended Learning<br>Outcomes  | Teaching and Learning Methods   | How Demonstrated?   |
|--|---|---|
| Ability to argue the evidential value and interpretation of multiple forensic science evidence types | DL materials (voice over<br>presentations, podcasts, video<br>footage) on Blackboard, directed<br>reading (e-library) and activities,<br>dissertation supervision and<br>independent research | Blackboard discussion groups, assessed written assignments and a dissertation |

## vi) Appraisal of evidence

| Intended Learning<br>Outcomes   | Teaching and Learning Methods   | How Demonstrated?  |
|---|---|--|
| Ability to analyze critically and assess the evidential value of multiple forensic science evidence types | DL materials (voice over<br>presentations, podcasts, video<br>footage) on Blackboard, directed<br>reading (e-library) and activities,<br>dissertation supervision and<br>independent research | Blackboard discussion groups,<br>MCQ's, assessed written assignments<br>and a dissertation |

# b) Transferable skills

# i) Research skills

| Intended Learning<br>Outcomes   | Teaching and Learning Methods  | How Demonstrated?   |
|---|--|---|
| Ability to undertake a critical evaluation of new technologies and their relevance to the use of an unseen problem, exemplified via the example of forensic science as a means of solving crime | DL materials (voice over presentations, podcasts, video footage) on Blackboard, directed reading (e-library) and activities, dissertation supervision and independent research | Blackboard discussion groups,<br>assessed written assignments and a<br>dissertation |

## ii) Communication skills

| Intended Learning<br>Outcomes   | Teaching and Learning Methods  | How Demonstrated?   |
|---|--|---|
| Ability to produce written material in a competent fashion that demonstrates arguments effectively, clearly and concisely | Directed reading (e-library) and activities, dissertation supervision and independent research | Blackboard discussion groups, assessed written assignments and a dissertation |

#### iii) Data presentation

| Intended Learning<br>Outcomes                               | Teaching and Learning Methods   | How Demonstrated?   |
|---|---|---|
| Ability to present findings in a logical and concise manner | DL materials (voice over<br>presentations, podcasts, video<br>footage) on Blackboard, directed<br>reading (e-library) and activities<br>related specifically to research<br>methods | Blackboard discussion groups, MCQ's, assessed written assignments |

#### iv) Working relationships

| Intended Learning<br>Outcomes                               | Teaching and Learning Methods               | How Demonstrated?                             |
|---|---|---|
| Ability to contribute to, and comment on, group discussions | Directed reading (e-library) and activities | Participation in Blackboard discussion groups |

#### v) Managing learning

| Intended Learning                                   | Teaching and Learning Methods   | How Demonstrated?   |
|---|---|---|
| Outcomes  |   |   |
| Ability to work independently and organise learning | DL materials (voice over presentations, podcasts, video footage) on Blackboard, directed reading (e-library) and activities, dissertation supervision and independent research. Advice on study skills. | Participation in Blackboard discussion groups and regular contact with course administration, module tutors and dissertation supervisor |

#### vi) Career management

| Intended Learning Outcomes  | Teaching and Learning Methods  | How Demonstrated?                             |
|---|--|---|
| Ability to apply the skills and knowledge learned in a professional context | Communication with colleagues from diverse geographical and professional backgrounds | Participation in Blackboard discussion groups |

#### 10. Special features

All modules (both compulsory and optional) relate to the use of forensic science evidence as a means of solving crime and will equip the student to critically assess the evidential value of multiple evidence types and their relevance, in a professional context.

This course is offered in conjunction with the University of Florida and University of Canberra. Students registered on this course will be given the opportunity to select up to 30 credits in total of optional modules from those offered by Florida or Canberra in their second year. Students registered at Florida or Canberra will be able to study University of Leicester modules as associate students.

#### 11. Indicators of programme quality

This programme represents a new taught postgraduate discipline for the university and comprises module contributions from all colleges. Its multidisciplinary nature makes it appropriate to consider accreditation from the UK Forensic Science Society and the US Academy of Forensic Sciences.

#### 12. Criteria for award and classification

This programme follows the standard scheme of taught postgraduate award and classification set out in <u>Senate Regulations</u> – see the version of <u>Senate Regulation 6 governing taught postgraduate programmes of study</u> relevant to year of entry.

The following additional award requirements for this programme have been approved:

 Modules undertaken at the Universities of Canberra and Florida will be assessed in accordance with the marking schemes of those universities with the marks being converted to a University grade in line with an approved conversion scheme as follows:

### **Conversion of Grading Systems**

| Florida Grade | Florida % | Canberra Grade   | Leicester % | Leicester Grade |
|---------------|-----------|------------------|-------------|-----------------|
| А             |           | High distinction | 75 – 100    | Distinction     |
| А             | 90        | Distinction      | 70 – 74     | Distinction     |
| A-            |           | Credit           | 68 – 69     | Merit           |
| B+            |           | Credit           | 68 – 69     | Merit           |
| В             | 80        | Credit           | 60 – 67     | Merit           |
| B-            |           | Pass             | 58 – 59     | Pass            |
| C+            |           | Pass             | 58 – 59     | Pass            |
| С             | 70        | Pass             | 50 – 57     | Pass            |
| C-            |           | Fail             | < 50        | Fail            |
| D+            |           | Fail             | < 50        | Fail            |
| D             | 60        | Fail             | < 50        | Fail            |
| E             | Fail      | Fail             | < 50        | Fail            |
| F             | Fail      | Fail             | < 50        | Fail            |

#### 13. Progression points

As defined in <u>Senate Regulations</u> - refer to the version of *Senate Regulation 6 governing taught postgraduate programmes of study* relevant to year of entry.

The following additional progression requirements for this programme have been approved:

Students' progress will be reviewed on the completion of the first 60 credits of taught
modules and again on completion of 120 credits of taught modules. At this stage progression
decisions will be taken in accordance with those specified in the Senate Regulation 6 for
taught postgraduate programmes. Boards of Examiners may recommend interim awards as
appropriate in accordance with the Senate Regulation 6 for Taught Programmes.
<a href="http://www2.le.ac.uk/offices/sas2/regulations/general-regulations-for-taught-programmes">http://www2.le.ac.uk/offices/sas2/regulations/general-regulations-for-taught-programmes</a>

In cases where a student has failed to meet a requirement to progress he or she will be required to withdraw from the course and a recommendation will be made to the Board of Examiners for an intermediate/exit award where appropriate.

#### 14. Rules relating to re-sits or re-submissions

As defined in <u>Senate Regulations</u> - refer to the version of *Senate Regulation 6 governing taught postgraduate programmes of study* relevant to year of entry.

#### 15. External Examiners reports

The details of the External Examiner(s) for this programme and the most recent External Examiners' reports for this programme can be found at <a href="mailto:exampapers@Leicester">exampapers@Leicester</a> [log-in required]

| <b>16.</b> Additional features (e.g. timetable for admission | 16. | Additional | features | (e.g. | timetable | for | admission |
|--|-----|------------|----------|-------|-----------|-----|-----------|
|--|-----|------------|----------|-------|-----------|-----|-----------|

There will be one intake per annum in October.



# Programme Specification (Postgraduate) FOR ENTRY YEAR: Choose an item.

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## **Appendix 1: Programme structure (programme regulations)**

The University regularly reviews its programmes and modules to ensure that they reflect the current status of the discipline and offer the best learning experience to students. On occasion, it may be necessary to alter particular aspects of a course or module.

Forensic Science and Criminal Justice MSc

### Updates to the programme

| Academic year affected | Module Code(s) | Update |
|------------------------|----------------|--------|
|                        |                |        |
|                        |                |        |
|                        |                |        |
|                        |                |        |

#### Credit breakdown

| Status      | Year long       | Semester 1      | Semester 2      | Other delivery period |
|-------------|-----------------|-----------------|-----------------|-----------------------|
| Core taught | Choose an item. | Choose an item. | Choose an item. | 60 credits            |

| Status               | Year long       | Semester 1      | Semester 2      | Other delivery period |
|----------------------|-----------------|-----------------|-----------------|-----------------------|
| Optional             | Choose an item. | Choose an item. | Choose an item. | 60 credits            |
| Dissertation/project | Choose an item. | Choose an item. | Choose an item. | 60 credits            |

180 credits in total

# Level 7/Year 1 2022/23

# Core modules

| Delivery period | Code   | Title                               | Credits    |
|-----------------|--------|-------------------------------------|------------|
| October         | CH7201 | Crime Scene Examination             | 15 credits |
| October         | CH7202 | Trace Evidence Analysis             | 15 credits |
| February        | CH7203 | Evidential Value and Interpretation | 15 credits |
| February        | CH7204 | Research Methods                    | 15 credits |

## Notes

n/a

# Level 7/Year 2 2023/24

## Core modules

| Delivery period | Code   | Title        | Credits    |
|-----------------|--------|--------------|------------|
| June            | CH7260 | Dissertation | 60 credits |

## Notes

n/a

## Option modules

| Delivery period | Code   | Title   | Credits    |
|-----------------|--------|---|------------|
| February        | CH7211 | Fingerprint Corrosion of Metal [Leicester]                        | 10 credits |
| February        | CH7212 | Arson Investigation [Leicester]                                   | 10 credits |
| February        | CH7213 | Forensic Engineering [Leicester]                                  | 10 credits |
| August          | CH7906 | Toxicology of Chemical Weapons [Florida]                          | 15 credits |
| January         | CH7900 | Blood Distribution and Spatter [Florida]                          | 15 credits |
| August          | CH7902 | Environmental Forensics I [Canberra]                              | 15 credits |
| August          | CH7901 | Biological Evidence and Serology [Florida]                        | 15 credits |
| August          | CH7905 | Forensic Toxicology I [Florida]                                   | 15 credits |
| August          | CH7904 | Forensic Genetics [Florida]                                       | 15 credits |
| October         | CH7232 | Introduction to Forensic Archaeology [Leicester]                  | 10 credits |
| October         | CH7233 | Introduction to Forensic Anthropology [Leicester]                 | 10 credits |
| August          | CH7903 | Forensic Entomology [Florida]                                     | 15 credits |
| October         | CH7241 | Crime Scene Management [Leicester]                                | 10 credits |
| October         | CH7243 | Intelligence Gathering and Data Mining of Police Data [Leicester] | 10 credits |

#### Notes

This is an indicative list of option modules and not definitive of what will be available. Option module choice is also subject to availability, timetabling, student number restrictions and, where appropriate, students having taken appropriate pre-requisite modules.

The delivering institution is indicated in [square brackets]

## **Appendix 2: Module specifications**

See taught postgraduate module specification database (Note - modules are organized by year of delivery).