1. **Title of the module**

Introduction to Forensic Science (FSCI3010/FS301)

1. **School or partner institution which will be responsible for management of the module**

School of Physical Sciences

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

Level 4

1. **The number of credits and the ECTS value which the module represents**

15 credits (7.5 ECTS)

1. **Which term(s) the module is to be taught in (or other teaching pattern)**

Term 1

1. **Prerequisite and co-requisite modules**

None

1. **The programmes of study to which the module contributes**

BSc(Hons) Forensic Science

BSc(Hons) Forensic Science with a Year in Industry

BSc(Hons) Forensic Science with a Year Abroad

BSc(Hons) Forensic Science with a Foundation Year

MSci Forensic Science

This is available as a wild module.

1. **The intended subject specific learning outcomes.**

On successfully completing the module students will be able to:

1. Demonstrate knowledge and understanding of a range of techniques associated with contemporary forensic science.
2. Demonstrate skills in forensic investigation and interpretation and apply them to forensic examination and analysis.
3. Appreciate the importance of incident investigation, evidence recovery, preservation, continuity and integrity and presentation as an expert witness within the judicial environment.
4. Ability to demonstrate knowledge and understanding of essential facts, concepts, principles and theories relating to forensic science and to apply such knowledge and understanding to the solution of qualitative and quantitative problems.
5. Ability to recognise and analyse novel problems involving forensic science and plan strategies for their solution by the evaluation, interpretation and synthesis of scientific information and data by a variety of computational methods.
6. Evidence recovery, preservation, analysis, and presentation to professional standards.
7. **The intended generic learning outcomes.**

**On successfully completing the module students will be able to:**

1. Demonstrate communication skills, self-management and organisational skills with the capacity to support life-long learning.
2. Demonstrate problem-solving skills, relating to qualitative and quantitative information, extending to situations where evaluations have to be made on the basis of limited information.
3. Demonstrate information-retrieval skills, in relation to primary and secondary information sources, including information retrieval through on-line computer searches.
4. **A synopsis of the curriculum**

In this module students will experience a broad overview of evidence categories and crime types commonly encountered within the criminal justice system. Students will also be taken through a range of techniques associated with the delivery of forensic science to support this system.

1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

* Crime Scene to Court, the Essentials of Forensic Science, 3rd edition, White, P. (ed.) (2010)
* Forensic Science, 3rd edition, Jackson, A.R.W. & Jackson J. M. (2011)
* Criminalistics, 10th edition, Saferstein, R. (2011)

1. **Learning and teaching methods**

Total contact hours: 30

Private study hours: 120

Total study hours: 150

1. **Assessment methods**
   1. Main assessment methods

|  |  |
| --- | --- |
| Online Quiz 1 (1 hour) | 20% |
| Online Quiz 2 (1 hour) | 20% |
| Online Test (3 hours) | 60% |

13.2 Reassessment methods

100% by Coursework

1. **Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section 12) and methods of assessment (section 13)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 9.1 | 9.2 | 9.3 |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |
| Lectures | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| Private Study | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| **Assessment method** |  |  |  |  |  |  |  |  |  |
| Online Quizzes | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| Online Test | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |

1. **Inclusive module design**

The School recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

1. **Campus(es) or centre(s) where module will be delivered**

Canterbury

1. **Internationalisation**

Forensic science is an inherently international subject with physical laws discovered and techniques developed and refined by scientists across the globe. It is facilitated by well-defined conventions in terminology and mathematical modelling which allow complex concepts to be communicated across language barriers. This module introduces students to the work of these pioneers, as well as the fundamentals behind it and so enables them to interact with this community. Where possible, the reading list has been chosen, in part, to demonstrate the diversity of backgrounds of forensic scientists working in the field.

**DIVISIONAL OFFICE USE ONLY**

**Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
| Jan 2021 | Major | Sept 2021 | 5;7;8;9;10;11;12;13;14;17 | No |
|  |  |  |  |  |