1. **Title of the module**

PSCI5010 (PS501) – Forensic Physical Methods

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

Division of Natural Sciences

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

Level 5

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)**

Autumn and Spring

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

None

1. **The course(s) of study to which the module contributes**

Compulsory for BSc (Hons) Forensic Science; and MSci Forensic Science

This is not available as an elective module choice

1. **The intended subject specific learning outcomes.  
   On successfully completing the module students will be able to:**

8.1 Understand the role of physical forensic methods in forensic practice.

8.2 Demonstrate knowledge and critical awareness of the major physical forensic methods.

8.3 Display understanding of emerging developments in forensic science.

8.4 Assess, manage, and investigate a range of incident scenes

8.5 Recover, preserve, package and document evidential samples from a range of incident scenes to professional standards.

1. **The intended generic learning outcomes.  
   On successfully completing the module students will be able to:**

9.1 Understand the key areas of science and law that underpin forensic practice and methodology.

9.2 Understand the science and scientific methods underpinning forensic investigation and recovery of evidence.

9.3 Communicate complex scientific and forensic findings to a lay audience in written form.

9.4 Use problem solving, and information retrieval and handling.

9.5 Use team working and time management skills, and skills relevant to further study.

1. **A synopsis of the curriculum**

This module will cover the following topics:

Evidential practice and law in relation to location, recovery, preservation, and interpretation of a wide range of forensic samples.

Statement and report writing to evidential standard.

Incident assessment and management in a wide variety of forensic environments.

Location, recovery and preservation of a range of forensic samples.

Incident mapping and photography.

Document and forgery analysis.

Modern and emerging forensic techniques

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

Bevel, T. and Gardner, R.M. (2008). *Bloodstain Pattern Analysis* (Third Edition).CRC Press

Dutelle, A.W. (2013). *Introduction to Crime Scene Investigation*. Jones & Bartlett

Fraser, J. and Williams, R. (2009). *Handbook of Forensic Science*. London: Routledge

Saferstein, R. (2017). *Criminalistics (An Introduction to Forensic Science)*. Harlow: Person Education, Prentice Hall.

White, P. (2004). *Crime Scene to Court*. Royal Society of Chemistry

1. **Learning and teaching methods**

Total Contact Hours: 50

Total Private Study Hours: 100

Total Study Hours: 150

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

* Online Quiz 1 (1 hour) – 15%
* Online Quiz 2 (1 hour) – 15%
* Case File – 70%

The online quizzes are compulsory sub-components and at least one must be passed in order to pass the module.

13.2 Reassessment methods

* Like-for-like

1. ***Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section12) and methods of assessment (section 13)***

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | *8.1* | *8.2* | *8.3* | *8.4* | *8.5* | *9.1* | *9.2* | *9.3* | *9.4* | *9.5* |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |  |
| Private Study | **x** | **x** | **x** |  |  | **x** | **x** |  |  |  |
| Lecture | **x** | **x** | **x** |  |  | **x** | **x** |  |  |  |
| Practical (Lab) |  |  |  | **x** | **x** |  |  | **x** | **x** | **x** |
| Practical (Crime Scene House) |  |  |  | **x** | **x** |  |  | **x** | **x** | **x** |
| **Assessment method** |  |  |  |  |  |  |  |  |  |  |
| Online Quizzes | **x** | **x** | **x** |  |  | **x** | **x** | **x** |  |  |
| Assignments |  |  |  | **x** | **x** |  |  | **x** | **x** | **x** |

1. **Inclusive module design**

The Division 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**

Discussion in lectures of international collaborations and databases relevant to the forensic sciences. Discussions of issues arising from jurisdictional sharing and control of international crimes. The teaching content and experiences of the academic staff strongly reflect the universities emphasis on internationalisation, and delivering content appropriate to our internationally-diverse student body.

**DIVISION 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) |
| 01/03/18 | Major | September 2018 | 7, 9, 10, 12-14 | No |
| 28/02/19 | Major | September 2019 | 5,12,13,14 | no |
|  |  |  |  |  |