1. **Title of the module**

PSCI5910 (PS591) - Industrial Placement Experience

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

Physical 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**

90 credits (45 ECTS)

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

Yearlong

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

Co-requisite:

PSCI5920 Industrial Placement Assessment

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

Forensic Science with a Year in Industry

Chemistry with a Year in Industry

Physics with a Year in Industry

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

8.1 Gain knowledge and understanding of aspects of the core subject areas from the perspective of a commercial or industrial organisation.

8.2 Apply intellectual skills specified for the programme and developed during the earlier stages of the programme from the perspective of a commercial or industrial organisation.

8.3 Apply subject-specific skills specified for the programme and developed during the earlier stages of the programme from the perspective of a commercial or industrial organisation.

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

9.1 Work effectively as a member of a professional team.

9.2 Make succinct presentations (in any form) to a range of audiences about technical problems and their solutions.

9.3 Make effective use of general IT facilities including information retrieval skills.

9.4 Depending on the requirements of the placement, understand and explain the quantitative dimensions of a problem.

9.5 Manage personal learning and development, including time management and organisational skills.

9.6 Appreciate the need for, and have engaged in, continuing professional development.

1. **A synopsis of the curriculum**

Students spend a year (minimum 9 months) working in an industrial or commercial setting, applying and enhancing the skills and techniques they have developed and studied in the earlier stages of their degree programme. The work they do is entirely under the direction of their industrial supervisor, but support is provided via a dedicated Placement Support Officer within the School. This support includes ensuring that the work they are being expected to do is such that they can meet the learning outcomes of the module.

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

None

1. **Learning and teaching methods**

Students will spend between 9-12 months working at the organisation hosting their placement

Total study hours: 900

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

Assignment – Pass/Fail

Assignment – Pass/Fail

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* | *9.1* | *9.2* | *9.3* | *9.4* | *9.5* | *9.6* |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |
| Industrial Placement and private study | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| **Assessment method** |  |  |  |  |  |  |  |  |  |
| Portfolio and Logbook | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| Performance evaluation by industrial supervisor | **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**

Administered from Canterbury, delivered at industrial partner's site.

1. **Internationalisation**

All of the learning outcomes and thus skills gained as part of this module are relevant to working in industry anywhere in the world. The module is particularly internationalised as it will draw on learning during the year in industry which will be situated in a range of diverse environments. The learning will involve applying science principles and knowledge to the problems which occupy a range of world's key industries.

**FACULTIES SUPPORT 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.**

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| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
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Revised FSO Jan 2018