1. **Title of the module**

MAST5801 (MA5801) - Industrial Placement Experience

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

School of Mathematics, Statistics and Actuarial Science

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)**

Autumn, Spring and Summer

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

Prerequisite: None

Co-requisite MAST5802 (Industrial Placement (Report and Presentation))

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

BSc (Hons) Actuarial Science with a Year in Industry; BSc (Hons) Mathematics with a Year in Industry; BSc (Hons) Mathematics and Statistics with a Year in Industry; BSc (Hons) Financial Mathematics with a Year in Industry; BA (Hons) Mathematics and Accounting and Finance with a Year in Industry.

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

8.1 demonstrate that they can perform effectively in a work based environment;

8.2 identify and discuss examples of the links between academic theory and practical application;

8.3 demonstrate an enhanced capacity for independent thought and work;

8.4 reflect on on-going personal and professional development.

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

9.1 demonstrate a wide range of generic/transferable skills, including communication and the ability to work in a team

9.2 identify actions required for their career development.

1. **A synopsis of the curriculum**

Students spend a year (minimum 900 hours) doing paid work in an organisation outside the University, usually in an industrial or commercial environment, 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 by the SMSAS Placement Officer or a member of the academic team. 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.

Participation in this module is dependent on students obtaining an appropriate placement, for which support and guidance is provided through the School in the year leading up to the placement. It is also dependent on students progressing from Stage 2 of their studies.

Students who do not obtain a placement will be required to transfer to the appropriate programme without a Year in Industry.

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

None

1. **Learning and teaching methods**

Whilst the minimum requirement for the placement is 900 hours, a placement of less than 44 weeks would not normally be approved. Only in very exceptional circumstances will 900 hours of work meet the requirements for this module.

Placement at employer: minimum of 900 hours

Total study hours: minimum of 900

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

Each of the following three components is assessed on a pass / fail basis.

Employer Evaluation - Two forms completed by supervisor with review meeting lasting no more than half a day

Reviews and End of Year Development Plan - Two CPD Reviews and a Development Plan, each of approx. 2-3 pages

On-line Blogs - Weekly blogs during first month, monthly thereafter, each consisting of 400-700 words

13.2 Reassessment methods

There is no reassessment of the Employer Evaluation. Subject to passing the Employer Evaluation, coursework will be used for reassessment of the other components.

Students who fail the Employer Evaluation will be required to transfer to the appropriate programme without a Year in Industry.

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 | 9.1 | 9.2 |
| **Learning/ teaching method** |  |  |  |  |  |  |
| Placement at Employer and Assessment | **x** | **x** | **x** | **x** | **x** | **x** |
| **Assessment method** |  |  |  |  |  |  |
| Employer Evaluation | **x** | **x** |  |  | **x** |  |
| Half Yearly and End of Year reviews of personal and professional development together with an End of Year Development Plan*.* |  | **x** | **x** | **x** |  | **x** |
| On-line Blogs |  | **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**

Mastery of the subject-specific learning outcomes, 8.1 to 8.4, will equip students to work in a professional environment in many parts of the world.

Students may undertake a placement outside the UK (though the support offered by the placement team in this case may not be delivered face-to-face).

The module team is drawn from the School of Mathematics, Statistics and Actuarial Science, which includes many members of staff with international experience of employment, teaching and research collaboration.

The support SMSAS provides to its students is also internationally attuned given our international student body.

**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.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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