1. **Title of the module**

PHYS7900 (PH790) - Year Abroad

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 6

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

120 credits (60 ECTS)

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

Yearlong

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

Prerequisites:

Must reach threshold of 60% (overall average) in Stage 1 at first attempt (with no compensation or condonement of Stage 1 modules). Must reach threshold of 60% (overall average) in Stage 2 at May exams. (This deadline is necessary due to the time required to arrange an exchange placement in the following months.) Must properly complete placement procedure supervised by International Office.

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

All MPhys with Year Abroad programmes:

MPhys Physics with a Year Abroad

MPhys Physics with Astrophysics with a Year Abroad

MPhys Astronomy, Space Science and Astrophysics with a Year Abroad

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

Have a:

A. Knowledge and understanding of:

1. Physical laws and principles, and their application to diverse areas of physics.

2. Aspects of theory and practice of physics, physics with astrophysics, or astronomy, astrophysics and space science.

B. Intellectual skills:

1. An ability to identify relevant principles and laws, and to make approximations to obtain solutions.

2. An ability to solve problems in physics using appropriate mathematical tools.

3. An ability to execute and analyse critically the results of an experiment or investigation and draw valid conclusions.

4. An ability to use mathematical techniques and analysis to model physical behaviour.

5. An ability to plan an experiment or investigation under supervision.

C. Subject-specific skills:

1. Competent use of appropriate C&IT packages/systems for the analysis and the retrieval of appropriate information.

2. An ability to present and interpret information graphically.

3. An ability to communicate scientific information.

4. A familiarity with laboratory apparatus and techniques.

5. The systematic and reliable recording of experimental data.

6. An ability to make use of appropriate texts, research-based materials or other learning resources.

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

Have a knowledge and understanding of:

Transferable skills:

1. Problem-solving skills

2. Investigative skills

3. Communication skills

4. Analytical skills

5. Personal skills

1. **A synopsis of the curriculum**

PH790 needs to cover a majority of learning outcomes in Stage 3 of the parent MPhys programme. The modules in the university abroad should normally cover similar topics at a similar level. Note that a one-to-one correspondence is not feasible and would negate the purpose of the Year Abroad, which is to provide the student with the experience of the educational system abroad. In addition, the student has the opportunity to study some modules which are not available at University of Kent.

With regards to topics, the academic liaison (typically DoUGS Physics) will check and approve the students choice of modules at the time they are at the university abroad.

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

Provided by department at the university abroad.

1. **Learning and teaching methods**

Provided by department at the university abroad. Includes typical methods of lectures, homework, and laboratory work. Should be equivalent to 1200 total study hours at University of Kent.

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

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)**

This is dependent on the host institution in question. The permissible host institutions are continuously monitored and updated, predominantly by debrief sessions (see section 13 above) with returning students, to ensure the learning outcomes are reached there.

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**

Universities abroad.

1. **Internationalisation**

As a year abroad programme, internationalisation is naturally incorporated into this module at every level, from teaching style to culture.

**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