1. **Title of the module**

SPOR3380 (SS338) Fundamentals of Human Anatomy and Physiology

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

School of Sport and Exercise 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**

30 credits (15 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 programmes of study to which the module contributes**

BSc. Sport and Exercise Science; BSc. Sport and Exercise for Health

1. **The intended subject specific learning outcomes.  
   On successfully completing the module students will be able to:**
2. Demonstrate understanding of the structure and function of the major body systems.
3. Demonstrate an understanding of the roles of the body systems in maintaining the body’s internal environment during rest and in facilitating movement.
4. Describe the responses and adaptations of the body systems to exercise.
5. **The intended generic learning outcomes.  
   On successfully completing the module students will be able to:**
6. Communication and presentation skills.
7. Numeracy and Information Technology skills.
8. Interactive group skills.
9. Problem solving skills.
10. An ability to plan and manage learning.
11. **A synopsis of the curriculum**

Students will cover the structure and function of the following:

Musculoskeletal system including muscle, bone, cartilage, ligaments and tendons, nervous system, cardiovascular system, respiratory system and endocrine system.

The principles of the maintenance of homeostasis and the physiological adaptation of the body systems to exercise will also be covered.

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

McArdle, W, D., Katch, I, F., Katch, V, L. (2009) Exercise Physiology Energy, Nutrition and Human Performance. (7th Edn). London: Lippincott Williams & Wilkins.

Tortora, G, J & Derrickson, B. (2008) Principles of Anatomy and Physiology. (12th Edn). London: Wiley

Wilmore, J.H., Costill, D.L., & Kenny, L. W. (2008). Physiology of Sport and Exercise. 4th Edition. Champaign IL: Human Kinetics.

1. **Learning and teaching methods**

Total contact hours: 42

Private study hours: 258

Total study hours: 300

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

coursework – 50%

Lab Assessment – 50%

13.2 Reassessment methods

Like for like

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* | *9.1* | *9.2* | *9.3* | *9.4* | *9.5* |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |
| **Private Study** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| *Lecture* | **x** | **x** | **x** |  | **x** |  | **x** |  |
| *Seminar / Laboratory* | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| **Assessment method** |  |  |  |  |  |  |  |  |
| Coursework | **x** | **x** |  | **x** | **x** | **x** | **x** | **x** |
| Practical Skills Assessment | **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**

Medway

1. **Internationalisation**

The topics addressed by this module relate to a field which is of international importance, given the relevance of physiology and anatomy to the field of sport and exercise sciences. This in many cases transcend the traditional barriers of linguistic communication. However, as the module requires the communication of technical issues to specialist audiences, it is expected that students will take this into account when considering the different contexts in which their knowledge and skills will be applied. This includes the international audiences with which they will need to communicate. Students will also be encouraged to consider approaches to the module through discussions with other students in the group and this will naturally draw on the international make-up of the 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) |
| 24/05/17 | Minor | September 2017 | 13, 14 | No |
|  |  |  |  |  |

Revised FSO Feb 2018