1. **Title of the module**

ANTB6280 (SE628) Human Skeletal Biology

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

Division of Human and Social 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

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

ANTB3020 Foundations of Biological Anthropology

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

Optional to BSc Anthropology

Compulsory to BSc Biological Anthropology

BSc Human Biology and Behaviour (and cognate year abroad/professional practice programs)

1. **The intended subject specific learning outcomes.**

**On successfully completing the module students will demonstrate:**

8.1. An understanding of the human skeletal system, including the nature and function of bone, the identification of bone and bony fragments in an anthropological context, and the interpretation of morphological features of bone for research in biological anthropology and human biology.

8.2. Experience with the identification, and analysis of human bone, and understanding of how these data are utilized to answer significant anthropological research questions.

8.3. An understanding of the ethical treatment of human remains in light of major moral and legal dilemmas facing the scientific study of humans today.

8.4. Exposure to an anthropological approach to the study of the skeletal structure of humans.

8.5. Evaluation of new research in the field of human skeletal biology.

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

9.1. Think critically and apply logical reasoning to address questions and problems

9.2. Demonstrate writing skills, such as clarity and correct referencing of sources

9.3. Demonstrate the ability to read scientific and academic literature comprehensively

9.4. Demonstrate time management and preparation skills

9.5. Organise information in a clear way

9.6. Demonstrate development of basic laboratory skills

1. **A synopsis of the curriculum**

The study of the human skeletal system is basic to the disciplines of biological anthropology and human biology. This module will examine the fundamentals of human osteology. Students will learn to identify and analyse human bone and evaluate and interpret major research in biological anthropology and human biology hat has as its basis the analysis of bone.

Indicative topics are:

* A detailed consideration of the basic properties of bone growth, development, and function in the human body.
* An examination of all major skeletal structures and the morphological features associated with them. The focus will be on the function of these structures within the body as well as the identification of fragmentary remnants of them in a forensic or archaeological context.
* Major techniques used in biological anthropology to analyse human bone, such as estimation of age at death, estimation of biological sex and stature.
* Evaluation of major research studies involving analysis of human bone.
* Consideration of ethical issues in the collection and curation of human bone.

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

Hillson, S. 1996 Dental Anthropology Cambridge University Press

Katzenberg, M.A. and Saunders, S.R. 2000 Biological Anthropology of the Human Skeleton Wiley-Liss

White, T.D., Black, M.T., Folkins, P.A. 2012 Human Osteology 3nd Ed. Academic Press

1. **Learning and teaching methods**

Total contact hours 36

Private study hours 114

Total study hours 150

1. **Assessment methods**

Lab Quiz 1 15%

Lab Quiz 2 15%

Lab Report (3000 words) 70%\*

\*This element is pass compulsory and must be passed to achieve the learning outcomes of the module.

13.2 Reassessment methods

100% coursework

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* | *9.6* |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |  |  |
| *Private Study* | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| *Lectures* | **x** | **x** | **x** | **x** | **x** | **x** |  |  | **x** | **x** | **x** |
| *Lab Practicals* | **x** | **x** | **x** | **x** | **x** | **x** | **x** |  | **x** | **x** | **x** |
| **Assessment method** |  |  |  |  |  |  |  |  |  |  |  |
| *Practical Quiz 1 & 2* | **x** | **x** |  | **x** |  | **x** | **x** |  | **x** |  |  |
| *Practical Lab Report* | **x** | **x** | **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**

Canterbury

1. **Internationalisation**

Methods taught in this module are developed for use in the UK as well as on the international scene. Most of the methods developed from Human Osteology were developed in the USA .

**DIVISIONAL 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) |
| 21.07.21 |  | September 2021 | 13 | No |
|  |  |  |  |  |