**Human Evolutionary Anatomy**

**Module Lead:**  Dr Laura Fitton  
**Term:**  Spring  
**Level / Credits:**  Level 7 / 20 Credits  
**Module status:**  Core Module

This module provides the student with the opportunity to develop an advanced knowledge and understanding of the hominin fossil record. It focusses particularly on the interpretation of anatomical material and current methods. The module will begin with an overview of the hominin fossil record and subsequent weeks will focus on different anatomical regions.

Each week a topic is introduced in a lecture and, using a combination of self-directed learning and presentations and discussion in the seminar, you will critically assess the literature to broaden and deepen your learning around the topic. Practical sessions will expose you to casts and CTs of the major fossil specimens as well as comparative material.

There will be a weekly seminar that you will lead; requiring preparation and coordination of small teams. The tutor will facilitate these seminar sessions and provide feedback.

**Learning Outcomes**

By the end of this module, you should be able to show that you can:

1. Apply evolutionary principles to the study of hominin anatomical material.
2. Describe the anatomical evidence in the hominin fossil record.
3. Critically analyse the methods used for functional interpretation of fossil hominin anatomy.
4. Critically analyse the use of hominin anatomy in taxonomic and phylogenetic analysis.
5. Critically analyse the use of indirect evidence to interpret and investigate hominin anatomy and function.
6. Formulate questions about hominin evolutionary anatomy and devise a means to investigate them.

**Module Aims**

This module aims to provide you with an advanced and critical understanding of the hominin fossil record, the interpretation of hominin anatomical material and currently employed methods.
### Module Workload / Assessments

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<th>Activity</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Lectures</td>
<td>10 hours</td>
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<tr>
<td>Practicals</td>
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<td>Seminars</td>
<td>20 hours</td>
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<tr>
<td>Self-Directed Learning</td>
<td>100 hours</td>
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<tr>
<td>Assessment</td>
<td>3000-word essay, 2-hour timed essay</td>
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