

Connecting the past  
with the present.  
**MRes in Vertebrate  
Palaeontology**





# Discovering the behaviour, reproduction and appearance of extinct animals from their fossilised remains can help us understand their evolution and connect the creatures of the past with their modern day relatives.

Our new MRes in Vertebrate Palaeontology offers you the chance to study the evolution and anatomy of vertebrates in one of the UK's leading Earth Science departments. You will spend 10 months of the year working on a fossil-based research project, learning about vertebrate palaeontology on the beautiful south coast of England.

## You will:

- Gain an introduction to the diversity of fossil vertebrates: we will look at topics including the evolution, biology and diversity of dinosaurs, pterosaur palaeobiology, mammal evolution and diversity, marine reptiles, fish biology and radiation and the amphibian fossil record.
- Join an exciting and active research group who contribute to studies of dinosaurs, pterosaurs, fossil birds, ancient marine reptiles and more.
- Develop a grounding in palaeontological fieldwork and laboratory techniques.
- Learn about the science of vertebrate palaeontology, how to write high-impact scientific papers and to effectively communicate your research to colleagues and the public.
- Have the opportunity to undertake research on exciting new fossil species from southern England, fresh from the field, and contribute to fieldwork where new discoveries potentially lie around every corner.

The University of Southampton offers the perfect location for the study of this subject – we are close to several sites of global importance for vertebrate palaeontology, including the dinosaur-bearing Wealden sediments of the Isle of Wight, Surrey and Sussex, and the World Heritage Site, the Jurassic Fossil Coast of Dorset.

For full programme details please visit:  
[www.southampton.ac.uk/oes/vertebratepalaeontology](http://www.southampton.ac.uk/oes/vertebratepalaeontology)

## How to apply

Applications should be made via the University's online application form.  
For further details, please visit  
[www.southampton.ac.uk/oes/pgtapply](http://www.southampton.ac.uk/oes/pgtapply)

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