

Our training programme is set within a multidisciplinary environment. All Partners are dedicated to developing a multi-, cross- and pan-disciplinary London centre of environmental science doctoral training.

We recognise the need to develop student skills in new subjects and linking research areas between traditional subjects. Each Partner has submitted a selection of PhD projects falling within each [research theme](#).

Below is the list of the exemplar projects available. Students are also invited to develop their own bespoke projects. Click on a column header to sort the table, or use the 'advanced search' to search for projects on a particular topic, in a particular research theme, or at a particular institution.

#### Advanced Search

##### PhD Project Search

If you are human, leave this field blank.

Supervisor

Search for PhD projects listed by a particular academic

Institution  ▼

Search by Institution

Research Theme  ▼

Search by research theme

Topic

Search for keywords in the project description

(e.g. evolution, geochemistry, paeoloecology)

Project Title

Search by Project Title

1st Supervisor	Inst.	Project Title	Theme	2nd Supervisor	Inst.
Abzhanov, Arkhat	NHM	<a href="#">Diversity of pterosaur crania from phylogenetic and ontogenetic perspectives</a>	Evolution & Adaptation	Hone, David	QMUL

1st Supervisor	Inst.	Project Title	Theme	2nd Supervisor	Inst.
Adam, Jurgen	RHUL	Simulation of Non-linear Fault-Fracture Processes and the Stress-Strain History in the Brittle Continental Crust	Solid Earth Dynamics		
Alexander, David	UCL	Evaluating earthquake information in the light of public needs	Pan-disciplinary	Kelman, Ilan	UCL
Andres, Aida	UCL	Genetic adaptation in chimpanzee subspecies	Evolution & Adaptation	Balloux, Francois	UCL
Aruliah, Anasuya	UCL	Structures and energetics of the auroral upper atmosphere and ionosphere	Natural & Biological Hazards		
Axmacher, Jan	UCL	Nocturnal pollinators in agro-ecosystems	Biodiversity & Ecology		
Baas, Andreas	KCL	Soil Erosion by Wind and Land-Use Decisions by Farmers Explored with Agent Based Modelling	Earth, Atmosphere & Ocean Processes	Millington, James	KCL
Bähler, Jürg	UCL	The evolution of environmental plasticity	Evolution & Adaptation	Reuter, Max	UCL
Balloux, Francois	UCL	Can host phenotypic plasticity facilitate survival when environmental change and disease cause amphibian declines?	Natural & Biological Hazards	Garner, Trenton	IOZ
Barnes, Ian	NHM	Saiga antelope: assessing ecological resilience in a critically endangered mammal	Biodiversity & Ecology	Schreve, Danielle	RHUL
Barron, Leon	KCL	Measuring occurrence and fate of drugs in aquatic species using high resolution analytical techniques: potential for human exposure?	Environmental Pollution	Kanda, Rakesh	Brunel
Bass, David	NHM	Developing the eDNA toolkit to meet policy challenges	Evolution & Adaptation	Brown, Mark	RHUL
Baynes, Alice	Brunel	Pharmaceuticals in the Environment - Investigating the effects of anti-depressants in aquatic molluscs	Environmental Pollution	Jobling, Susan	Brunel
Bennion, Helen	UCL	Diatom responses to environmental variation in space and time: combining molecular and palaeoecological approaches	Biodiversity & Ecology	Okamura, Beth	NHM
Blackburn, Tim	UCL	The zeta diversity of alien assemblages	Biodiversity & Ecology		
Brekke, Patricia	IOZ	Understanding patterns of senescence and their impact on conservation management in free-living populations of hihi (Notiomystis cincta).	Evolution & Adaptation	Balloux, Francois	UCL
Brekke, Patricia	IOZ	Why do eggs fail?	Evolution & Adaptation	Balloux, Francois	UCL

1st Supervisor	Inst.	Project Title	Theme	2nd Supervisor	Inst.
Brierley, Chris	UCL	<a href="#">Modelling East African climate during the Plio-Pleistocene</a>	Past Life & Environments	Guillas, Serge	UCL
Bristow, Charlie	BBK	<a href="#">Dust production from desert sand dunes</a>	Earth, Atmosphere & Ocean Processes	Drake, Nick	KCL
Brodholt, John	UCL	<a href="#">The deep nitrogen cycle - nitrogen storage in the subduction system</a>	Solid Earth Dynamics	Thomson, Andrew	UCL
Brown, Mark	RHUL	<a href="#">Evolution of phenotypic biodiversity in bumblebees (Bombus), a globe-spanning genus of major pollination providers</a>	Biodiversity & Ecology	Williams, Paul	NHM
Brown, Mark	RHUL	<a href="#">Evolutionary ecology of social insects and their parasites</a>	Biodiversity & Ecology		
Buggs, Richard	QMUL	<a href="#">The genomic basis of ash dieback tolerance</a>	Biodiversity & Ecology		
Burgess, William	UCL	<a href="#">Terrestrial water storage in the Bengal Basin - piezometric monitoring to validate and complement GRACE observations</a>	Natural & Biological Hazards	Shamsudduha, Mohammed	UCL
Burningham, Helene	UCL	<a href="#">The importance of inlets and their tidal deltas on the sediment dynamics and flood and erosion risk management of low-lying coastal systems</a>	Earth, Atmosphere & Ocean Processes	French, Jon	UCL
Carter, Andrew	BBK	<a href="#">A geological puzzle related to the subduction history of the southern Antarctic Peninsula</a>	Earth, Atmosphere & Ocean Processes		
Chatterjee, Helen	UCL	<a href="#">Predicting human impacts and environmental change on Southeast Asian biodiversity: past, present and future</a>	Biodiversity & Ecology	Turvey, Samuel	IOZ
Chaudhary, Abdul	BRUNEL	<a href="#">Metal recovery from secondary and low-grade primary sources using green solvents</a>	Environmental Pollution		
Clare, Elizabeth	QMUL	<a href="#">Plant animal interactions - genetic diagnostics of species interactions</a>	Biodiversity & Ecology		
Clark, Paul	NHM	<a href="#">The effects of the invasive Chinese mitten crab, Eriocheir sinensis, on native UK biota</a>	Biodiversity & Ecology	Morritt, David	RHUL

179 PhD projects available

- [1](#)
- [2](#)
- [3](#)
- ...

- 7
- »