

Teaching Capacity

Teaching Capacity - Eval. Criterion 5.2 of the Call

Pedagogical Innovation Eval. Criterion 5.2.1 of the Call

Year	Type	Title/Description	Institution/Department	Notes
2024	Teaching Material	Support manual: “Organelle Genome Assembly and Annotation”	UC, MSc in Applied Ecology – Advanced Topics in Applied Ecology	NA
2024	Teaching Material	Support manual: “Using DNA Barcoding to Help with the Taxonomical Gap”	UC, MSc in Applied Ecology – Field Course in Mediterranean Ecosystems	NA
2024	Teaching Material	Support manual: “Using Genetic Barcodes to Identify Earthworm Species and Assess Communities in Urban Fragments”	UC, MSc in Ecology – Evolutionary Biogeography and Spatial Modelling	NA
2024	Teaching Material	Support manual: “Using Genetic Barcodes to Evaluate Background Genetic Diversity in Lab Cultures”	UC, non-degree course “Tools in Environmental Toxicology” – Topic: Genetic diversity of test organisms	NA
2024	Teaching Material	Support manual: “Using Portable Equipment for the Evaluation of Genetic Diversity in Lab Cultures”	UC, non-degree course “Tools in Environmental Toxicology” – Topic: Genetic diversity of test organisms	NA
2024	Teaching Material	Implementation of informative handouts to guide student assessments (example in “Evolutionary Biogeography and Spatial Modelling”)	UC	NA
2024	Course Unit	New curricular unit: “Evolutionary Biogeography and Spatial Modelling”	MSc in Ecology, University of Coimbra	Co-created with Prof. Susana Rodríguez Echeverría Organizer
2024	Workshop	Genome reconstruction and command-line bioinformatics, 3rd edition	IMAE – University of Coimbra	

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2023	Workshop	Genome reconstruction and command-line bioinformatics, 2nd edition	IMAE – University of Coimbra	Organizer
2023	Course Unit	New curricular unit: “Conservation Genetics”	BSc in International Wildlife Biology, University of South Wales	Coordinator (44h lectures)
2023	Workshop	Genome reconstruction and command-line bioinformatics, 1st edition	IMAE – University of Coimbra	Organizer
2023	Course Component	Component in non-degree course “Tools in Environmental Toxicology” – Topic: Genetic diversity of test organisms	UC	Contributed with lectures and materials

Teaching (hours and units) Eval. Criterion 5.2.2 of the Call

Academic Year	Institution	Title	Course(s)	Hours	Notes
2025/2026	University of Coimbra	Field Course in Mediterranean Ecosystems	International MSc in Applied Ecology; MSc in Ecology	10	Official UC record
2025/2026	University of Coimbra	Field Techniques in Ecology	International MSc in Applied Ecology; MSc in Ecology	10	Official UC record
2025/2026	University of Coimbra	Advanced Topics in Applied Ecology	International MSc in Applied Ecology; MSc in Ecology	24	Official UC record
2024/2025	University of Coimbra	Biostatistics	BSc in Biology & related programmes	18	Official UC record
2024/2025	University of Coimbra	Field Course in Mediterranean Ecosystems	International MSc in Applied Ecology; MSc in Ecology	10	Official UC record

Academic					
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2024/2025	University of Coimbra	Field Techniques in Ecology	International MSc in Applied Ecology; MSc in Ecology	10	Official UC record
2024/2025	University of Coimbra	Advanced Topics in Applied Ecology	International MSc in Applied Ecology; MSc in Ecology	24	Official UC record
2023/2024	University of Coimbra	Evolutionary Biogeography and Spatial Modelling	International MSc in Applied Ecology; MSc in Ecology	18	Official UC record
2023/2024	University of Coimbra	Field Course in Mediterranean Ecosystems	International MSc in Applied Ecology; MSc in Ecology	8	Official UC record
2023/2024	University of Coimbra	Field Course in Tropical Ecosystems	International MSc in Applied Ecology	8	Official UC record
2023/2024	University of Coimbra	Field Techniques in Ecology	International MSc in Applied Ecology; MSc in Ecology	8	Official UC record
2023/2024	University of Coimbra	Advanced Topics in Applied Ecology	International MSc in Applied Ecology; MSc in Ecology	15	Official UC record
2022/2023	University of Coimbra	Field Course in Mediterranean Ecosystems	International MSc in Applied Ecology; MSc in Ecology	10	Official UC record
2022/2023	University of Coimbra	Field Course in Tropical Ecosystems	International MSc in Applied Ecology	9	Official UC record
2022/2023	University of Coimbra	Advanced Topics in Applied Ecology	International MSc in Applied Ecology; MSc in Ecology	15	Official UC record

Academic					
Year	Institution	Title	Course(s)	Hours	Notes
2021/2022	University of Coimbra	Advanced Topics in Applied Ecology	International MSc in Applied Ecology; MSc in Ecology	8	Lacks Official Record
2021/2022	University of Coimbra	Field Course in Mediterranean Ecosystems (Fieldwork)	International MSc in Applied Ecology; MSc in Ecology	8	Lacks Official Record
2021/2022	University of Coimbra	Field Course in Mediterranean Ecosystems (Practical)	International MSc in Applied Ecology	8	Lacks Official Record
2020/2021	University of Coimbra	Ecotoxicology and Ecological Risk Assessment (Practical)	International MSc in Applied Ecology; MSc in Biological Resources	8	Lacks Official Record
2020/2021	University of Coimbra	Field Course in Mediterranean Ecosystems (Fieldwork)	International MSc in Applied Ecology; MSc in Ecology	8	Lacks Official Record
2020/2021	University of Coimbra	Field Course in Mediterranean Ecosystems (Practical)	International MSc in Applied Ecology	8	Lacks Official Record
2019/2020	University of Coimbra	Field Course in Mediterranean Ecosystems	International MSc in Applied Ecology	8	Lacks Official Record
2020–2024	University of South Wales	Conservation Genetics and Wildlife Management	Year 2 undergraduate	40/year = 200	Lecturer
2020–2023	University of South Wales	Biological Research Skills	Year 1 undergraduate	48/year = 192	Lecturer
2020–2023	University of South Wales	Biological Research Skills	Year 1 undergraduate	40/year = 160	Lecturer

Academic					
Year	Institution	Title	Course(s)	Hours	Notes
2020–2023	University of South Wales	Terrestrial and Aquatic Conservation (Forests and Wildlife Conservation; MSc)	MSc in Wildlife Conservation	8/year = 32	Lecturer
2020–2023	University of South Wales	Big Game Tracking / African Biodiversity (Residential Field Trip, South Africa)	Year 1 undergraduate	Lecture: 14; Tutorial: 20; Fieldwork: 112 = 146 each x3 = 438	Lecturer & Field Leader
2020–2023	University of South Wales	Evolutionary Botany and Zoology	Year 1 undergraduate	8/year = 32	Lecturer
2018–2019	University of South Wales	Biological Research Skills	Year 1 undergraduate	40/year = 80	Module Leader
2018–2019	University of South Wales	Conservation Genetics and Wildlife Management	Year 2 undergraduate	40/year = 80	Module Leader
2018–2019	University of South Wales	Marine and Freshwater Biology	Year 3 undergraduate	48/year = 96	Module Leader

Other Supervision Eval. Criterion 5.2.3 of the Call

Level	Author	Title	Degree/Field	Institution/Department	Year	Role	Notes
MSc	Enrico Chiesa	About biotic and moisture influence on soil structure and its information theory-based complexity characterisation	MSc in Quantitative and Computational Biology	University of Trento	2024–2025	Main–Supervisor	

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MSc	Elisabet Steiner	Evaluating Soil Macrofauna Using Morphological and DNA Approaches Along a Gradient of Farming Intensification	International MSc in Applied Ecology	Department of Life Sciences, University of Coimbra	2024-2025	Main – Supervisor	
MSc	Carolina Santos	Structure of Bacterial Communities in the Presence of Chemical Contaminants: Application of Quaternary Ammonium Compounds in Soil	MSc in Microbiology and Microbial Biotechnology	University of Coimbra	2024-2025	Main – Supervisor	
MSc	Bernat Codina	Amazonian Dark Earth and other Soil Types Effects on Maize Leaf Gene Expression	MSc in Biodiversity, Evolutionary Biology track	University of Barcelona	2024-2025	Main – Supervisor	
MSc	Guilhem Boyer	Bat diversity, habitat use and potential exposure to PPPs in an agricultural landscape of central Portugal	International MSc in Applied Ecology	Department of Life Sciences, University of Coimbra	2023-2024	Main – Supervisor	
MSc	Mariana Nunes	Adaptations of Soil Organisms to Extreme Conditions of a Geothermal Field	MSc in Ecology	Department of Life Sciences, University of Coimbra	2021-2023	Main – Supervisor	
MSc	Luísa Fraga	Evaluating Soil Macrofauna Using Morphological and DNA Approaches Along a Gradient of Farming Intensification	International MSc in Applied Ecology	Department of Life Sciences, University of Coimbra	2021-2023	Main – Supervisor	
MSc	Sofia Ramos	Population differentiation and contrasting demographic histories of the Natal Multimammate mouse (<i>Mastomys natalensis</i>)	MSc in Biological Resources, Land Valorisation and Sustainability	Department of Life Sciences, University of Coimbra	2021-2024	Main – Supervisor	

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MSc	Mary Kate Doherty	The effect of bio-based fertilisers on soil carbon and soil fauna: a case-scenario in Irish agricultural soils	MSc in Wildlife Conservation and Management	University of South Wales / TEAGASC	2020	Main –	
					2021	Su – per – vi – sor	
MSc	Yevhenii Shcheka	Measuring Changes in <i>Apis mellifera</i> Gut Microbiome Composition after Pesticide Exposure	International MSc in Applied Ecology	Department of Life Sciences, University of Coimbra	2019	Main –	
					2021	Su – per – vi – sor	
MSc	Emma Davies	The abundance and distribution of the endemic <i>Phyllodactylus palmeus</i> and the invasive <i>Hemidactylus frenatus</i> on the island of Utila, Honduras	MSc in Wildlife and Conservation Management	School of Applied Sciences, University of South Wales, UK	2018	Main –	
					2020	Su – per – vi – sor	
MSc	Simon Peacock	Spatial and environmental effects on the abundance and diversity of carabid species in an ancient woodland	MSc in Wildlife and Conservation Management	School of Applied Sciences, University of South Wales, UK	2018	Main –	
					2019	Su – per – vi – sor	
MSc	Thomas Seavern	How Consumer Trends Change Farmer’s Land Management Practices	MSc in Wildlife and Conservation Management	School of Applied Sciences, University of South Wales, UK	2018	Main –	
					2019	Su – per – vi – sor	
MSc	Carol Conrado	Biodiversity of edaphic fauna in Amazonian Dark Earths	MSc in Agronomy	Federal University of Paraná, Brazil	2016	Co –	CAPES (Brazil)
					2018	super –	
MSc	Rodrigo Feijo Segalla	Chemical and Physical Properties of Amazonian Dark Earth Soils	MSc in Agronomy	Federal University of Paraná, Brazil	2015	Co –	CAPES (Brazil)
					2017	super –	
MSc	Alessandro Santos	Greenhouse gas emissions and soil chemical transformation by the earthworm <i>Rhinodrilus alatus</i>	MSc in Agronomy	Federal University of Paraná, Brazil	2015	Co –	CAPES (Brazil)
					2017	super –	

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MSc Internship	Lyandra Maria de Oliveira	Use of biological products for herbicide remediation in soil	MSc in Biological Sciences (exchange programme)	University of Coimbra / Federal Rural University of the Semi-Arid (UFERSA), Brazil	2025	Main Supervisor	Short-term internship (May–Aug 2025)
BSc Internship	Diogo João Correia Moreira	Use of DNA Barcoding in the Identification and Classification of Earthworms	BSc in Genetics and Biotechnology	University of Trás-os-Montes and Alto Douro, Portugal	2025	Co-supervisor	Final degree project (main supervisor: Jorge C. C. Pereira)
PhD Internship	Francisco Luan Almeida Barbosa	The influence of biochar on the biological health of soil cultivated with corn (<i>Zea mays</i> L.)	PhD in Soil Science (exchange programme)	University of Coimbra / Federal University of Ceará, Brazil	2024	Main Supervisor	Short-term internship (Oct–Dec 2024)
BSc Internship	Diego Vinicius de Sena Martins	Bioinformatics tools applied to complex analysis in microbiome datasets	BSc in Biological Sciences (exchange programme)	University of Coimbra / State University of Northern Rio de Janeiro (UENF), Brazil	2024	Main Supervisor	Short-term internship (Jan–Feb 2024)
MSc Erasmus-Nicolas	Francesca Eras-Nicolas	Developing skills in conservation genomics	MSc in Biology	University of Salerno, Italy / University of Coimbra	2024	Main Supervisor	Erasmus exchange
MSc Erasmus-Nicolas	Adam Zemco	Rotation in Cell and Molecular Biology Laboratories	MSc in Molecular Biology and Genetics	Masaryk University, Czech Republic / University of Coimbra	2024	Main Supervisor	Erasmus rotation

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Research Fellow	Sandra Simões	Invertebrate signatures in Forest Islands in Bolivian lowland Amazonia	Research Fellowship	UNESCO Chair, Centre for Functional Ecology, University of Coimbra	2023-2024	Main Research supervisor	Research project
BSc	Lucas Moniz	Influence of earthworms (<i>Eisenia andrei</i>) on the germination of myrtle (<i>Myrtus communis</i>) and turnip (<i>Brassica rapa</i>) seeds	BSc in Biology	University of Coimbra	2023	Main – Supervisor	
BSc	Arthur Marti	Influence of isopods (<i>Porcellionides pruinosus</i>) on the germination of myrtle (<i>Myrtus communis</i>) and turnip (<i>Brassica rapa</i>) seeds	BSc in Biology	University of Coimbra	2023	Main – Supervisor	
BSc	Diana Correia	Assessment of terrestrial oligochaete diversity using molecular techniques (DNA barcoding)	BSc in Biology	University of Coimbra	2023	Main – Supervisor	
BSc	André Soares Filipe	The role of turtle corridors in earthworm invasion in the Galápagos and other factors	BSc in Biology	University of Coimbra	2023	Main – Supervisor	
BSc	Diogo Seco da Fonseca	Final year internship in Nanopore Sequencing	BSc in Biotechnology	Polytechnic Institute of Coimbra, School of Agriculture (ESAC), Portugal	2023	Main – Supervisor	
BSc	Harry Brindle	Ants as pets: How the recent rise in the ant pet trade may affect naïve environments	BSc in International Wildlife Biology	School of Applied Sciences, University of South Wales, UK	2022-2023	Main – Supervisor	

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BSc	Dominik Mikova	Nuclear genomic resources for the lesser red musk shrew (<i>Crocidura hirta</i>): mitochondrial genome and microsatellite development	BSc in International Wildlife Biology (Hons)	School of Applied Sciences, University of South Wales, UK	2021-2022	Main – Supervisor	
BSc	Fleurtje Coppen	Mapping Muroids: mitochondrial genome and SSR panel of the African pouched mouse (<i>Saccostomus campestris</i>)	BSc in International Wildlife Biology (Hons)	School of Applied Sciences, University of South Wales, UK	2021-2022	Main – Supervisor	
BSc	Taylor Ball	Conservation and the African Wild Dog (<i>Lycaon pictus</i>): Factors Threatening and Protecting the Species	BSc (Hons) Animal Health and Welfare	School of Applied Sciences, University of South Wales, UK	2021-2022	Main – Supervisor	
BSc	Saffron Rosier	Using the full mitochondrial genome for detangling giraffe (<i>Giraffa camelopardalis</i>) genetic diversity	BSc in International Wildlife Biology	School of Applied Sciences, University of South Wales, UK	2020-2021	Main – Supervisor	
BSc	Santana Lucy Ayers	Developing in silico microsatellite markers for the Uta Spiny-Tailed Iguana (<i>Ctenosaura bakeri</i>)	BSc (Hons) International Wildlife Biology	School of Applied Sciences, University of South Wales, UK	2020-2021	Main – Supervisor	
BSc	Lukasz Sitko	Identification and characterisation of <i>Pc53</i> – <i>Pontoscolex corethrurus</i> P53 gene homolog	BSc in Medical Sciences	School of Applied Sciences, University of South Wales, UK	2020	Main – Supervisor	

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BSc	Emily Bellamee Todd	Complete mitochondrial genome of the Uta Spiny-tailed Iguana (<i>Ctenosaura bakeri</i>): structure, gene content and phylogenetic positioning	BSc in International Wildlife Biology	School of Applied Sciences, University of South Wales, UK	2019 2020	Main – Su-	per-vi-sor
BSc	Callum Shaw	Treasures in a Mermaid’s Purse: Using egg capsules as a non-invasive approach to assessing genetic diversity in oviparous Chondrichthyes	BSc in International Wildlife Biology	School of Applied Sciences, University of South Wales, UK	2019 2020	Main – Su-	per-vi-sor
BSc	Jia Wei Lee	Culicidae diversity and abundance along a disturbance gradient	BSc in International Wildlife Biology	School of Applied Sciences, University of South Wales, UK	2019 2020	Main – Su-	per-vi-sor
BSc	Danielle Oliver	A review of the conservation status of hedgehogs in the United Kingdom	BSc in International Wildlife Biology	School of Applied Sciences, University of South Wales, UK	2019 2020	Main – Su-	per-vi-sor
BSc	Thomas Reed	A review on the methods used to evaluate dietary composition in spiders	BSc in Natural History	School of Applied Sciences, University of South Wales, UK	2018 2019	Main – Su-	per-vi-sor
BSc	Kairan Leonard	The utility of environmental DNA for soil biodiversity monitoring	BSc in International Wildlife Biology	School of Applied Sciences, University of South Wales, UK	2018 2019	Main – Su-	per-vi-sor

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BSc	Hayley Trestail	Investigation into the extent of genetic variability and diversity of Aporectodea caliginosa in the Azorean Island of São Miguel	BSc in Biology	Cardiff University, School of Biosciences, UK	2013-2014	Main – Supervisor	
BSc	Charlotte Webber	Assessment of soil and tissue metal levels in earthworms from Flat Holm	BSc in Biology	Cardiff University, School of Biosciences, UK	2013-2014	Main – Supervisor	
BSc	Anghara Welham	Assessment of genetic variability and diversity of Lumbricus rubellus from Flat Holm	BSc in Biology	Cardiff University, School of Biosciences, UK	2013-2014	Main – Supervisor	
BSc	Hugo Arruda	Mitochondrial activity in Pontoscolex corethrurus exposed to natural and anthropogenic stress	BSc in Biology	University of the Azores, Portugal	2012-2013	Main – Supervisor	