



Teaching Guide

Identifying Data					2023/24
Subject (*)	Conservation Biology	Code	610485013		
Study programme	Mestrado Universitario en Bioloxía Mariña				
Descriptors					
Cycle	Period	Year	Type	Credits	
Official Master's Degree	2nd four-month period	First	Optional	3	
Language	Spanish				
Teaching method	Face-to-face				
Prerequisites					
Department	Bioloxía Departamento profesorado máster				
Coordinador	Muiño Boedo, Ramon Jose	E-mail	ramon.muino@udc.es		
Lecturers	Fernández Rodríguez, Nuria	E-mail	n.fernandez1@udc.es		
	Muiño Boedo, Ramon Jose		ramon.muino@udc.es		
Web	https://secretaria.uvigo.gal/docnet-nuevo/guia_docent/?centre=302&ensenyament=V02M098V01&assignatura=V02M098V01204				
General description	<p>To train students in the basics of conservation biology, providing knowledge tools that allow the resolution of practical cases concerning the marine environment.</p> <p>Check the GADU at: http://masterbiologiamarina.uvigo.es/index.php?option=com_content&view=article&id=71&Itemid=468</p>				

Study programme competences

Code	Study programme competences
A2	Coñecemento da diversidade de organismos mariños e as súas estratexias adaptativas
A3	Coñecemento e comprensión das interaccións dos organismos mariños e os ecosistemas mariños e costeiros
A5	Coñecemento dos principios de explotación e sustentabilidade do medio mariño e planificación e supervisión da súa xestión
A8	Coñecemento e manexo da metodoloxía de investigación, das técnicas de mostraxe e instrumentais e de análises de datos aplicados ao medio mariño

Learning outcomes

Learning outcomes		Study programme competences	
		AJ2	
		AJ3	
		AJ3	
		AJ5	
		AJ8	

Contents

Topic	Sub-topic



Planning

Methodologies / tests	Competencies	Ordinary class hours	Student?s personal work hours	Total hours
Supervised projects		0	20	20
Objective test		3	0	3
Guest lecture / keynote speech		20	28	48
Personalized attention		4	0	4

(*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies

Methodologies	Description
Supervised projects	
Objective test	
Guest lecture / keynote speech	

Personalized attention

Methodologies	Description
Supervised projects	

Assessment

Methodologies	Competencies	Description	Qualification
Supervised projects			35
Objective test			65

Assessment comments

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Sources of information

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Basic	<ul style="list-style-type: none"> - Ausden, M (2007). Habitat management for conservation: a handbook of techniques.. Oxford University Press. - Bower, S.M. (2001). Synopsis of Infectious Diseases and Parasites of Commercially Exploited Shellfish.. - Bush, A.O.; Fernández, J.C.; Esch, G. & Seed J.R. (2001). Parasitism. The diversity and ecology of animal parasites.. Cambridge University Press. - Caro, T. (1998). Behavioral Ecology and Conservation Biology.. Oxford University Press, New York. - Charles, A.T (2000). Sustainable fishery systems. Wiley-Blackwell. - Doody, J.P. (2000). Coastal Conservation and Management - An Ecological Perspective. (Conservation Biology Volume 13). Kluwer Academics Publishers. - Grabda, S. (1991). Marine Fish Parasitology. An outline. . Weinhein; Basel (Switzerland): Cambrige, NY. VCH- Verl. Ges_Warszawa: PWN. Polish. Scientif. Publ. - Hall, Stephen J. (2008). The effects of fishing on marine ecosystems and communities.. Academic Press Published. - Kinne, O (1985-1990). Diseases of Marine Animals. Vol. I ? II - III y IV. Biologische Anstalt Helgoland, Hamburg. - (2001). Marine protected areas: tools for sustaining ocean ecosystem Committee on the Evaluation, Design, and Monitoring of Marine Reserves and Protected Areas in the United States, Ocean Studies Board, Co.. The National Academic Press. - Pitcher, T.J; Hart, J.B. & Pauly, D (2001). Reinventing fisheries management.. Kluwer Academics Publishers. - Primack, R.B. & Ros, J. (2002). Introducción a la biología de la conservación. Ariel Ciencia - Roberts, L.S. & Janovy J.S. (2005). Foundations of Parasitology. McGraw-Hill Science. - Rohde, K. (2005). Marine Parasitology. CSIRO PUBLISHING - Sinclair, M. & G. Valdimarsson (2003). Responsible fisheries in the marine ecosystem. CABI Publishing. - Sloomweg, R.; Rajvanshi, A.; Mathur, V.B.; Kolhoff, A. (2009). Biodiversity in environmental assessment: enhancing ecosystem services for huma well-being. Cambridge University Press. - Sodhi, N.S. & Ehrlich, P.R (2010). Conservation Biology for All.. Oxford University Press, Oxford. - Soulé M. E. (1986). Conservation Biology. Sinauer, Sunderland. - Woo, P.T.K. (2006). Fish Diseases and Disorders. Volumen 1. Protozoan and Metazoan infections.. C.A.B. International. Cambridge. U.K.
Complementary	

Recommendations

Subjects that it is recommended to have taken before

Subjects that are recommended to be taken simultaneously

Subjects that continue the syllabus

Other comments

(*The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.