



## Teaching Guide

Identifying Data					2021/22
<b>Subject (*)</b>	Conservation Biology	<b>Code</b>	610485013		
<b>Study programme</b>	Mestrado Universitario en Bioloxía Mariña				
Descriptors					
<b>Cycle</b>	<b>Period</b>	<b>Year</b>	<b>Type</b>	<b>Credits</b>	
Official Master's Degree	2nd four-month period	First	Optional	3	
<b>Language</b>	Spanish				
<b>Teaching method</b>	Face-to-face				
<b>Prerequisites</b>					
<b>Department</b>	Bioloxía Departamento profesorado máster				
<b>Coordinador</b>	Fernández Rodríguez, Nuria	<b>E-mail</b>	n.fernandez1@udc.es		
<b>Lecturers</b>	Domínguez Conde, Jesús Fernández Rodríguez, Nuria García Estévez, José Manuel Muiño Boedo, Ramon Jose	<b>E-mail</b>	n.fernandez1@udc.es ramon.muino@udc.es		
<b>Web</b>	<a href="http://masterbiologiamarina.uvigo.es/">http://masterbiologiamarina.uvigo.es/</a>				
<b>General description</b>	To train students in the basics of conservation biology, providing knowledge tools that allow the resolution of practical cases concerning the marine environment. Check the GADU at: <a href="http://masterbiologiamarina.uvigo.es/index.php?option=com_content&amp;view=article&amp;id=71&amp;Itemid=468">http://masterbiologiamarina.uvigo.es/index.php?option=com_content&amp;view=article&amp;id=71&amp;Itemid=468</a>				
<b>Contingency plan</b>	<ol style="list-style-type: none"> <li>1. Modifications to the contents</li> <li>2. Methodologies <ul style="list-style-type: none"> <li>*Teaching methodologies that are maintained</li> <li>*Teaching methodologies that are modified</li> </ul> </li> <li>3. Mechanisms for personalized attention to students</li> <li>4. Modifications in the evaluation <ul style="list-style-type: none"> <li>*Evaluation observations:</li> </ul> </li> <li>5. Modifications to the bibliography or webgraphy</li> </ol>				

## Study programme competences / results

Code	Study programme competences / results
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 / results
	AJ2



	AJ3		
	AJ3		
	AJ5		
	AJ8		

Contents	
Topic	Sub-topic

Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	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 / Results	Description	Qualification
Supervised projects			35
Objective test			65

Assessment comments

Sources of information



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

### 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.