

Module Name	Identification and taxonomy of marine invertebrates	
Module Number	MNF-bioc-267	
Person in Charge	PD Dr. Frank Melzner Phone: +49-(0)431-600-4274, E-mail: <a href="mailto:fmelzner@geomar.de">fmelzner@geomar.de</a> PD Dr. Florian Weinberger Phone: +49-(0)431-600-4516, E-mail: <a href="mailto:fweinberger@geomar.de">fweinberger@geomar.de</a>	
Semester / Duration	2nd semester / one semester	Status Optional
Regular Cycle	annual in summer semester	
Study Programme	Master of Science in Biological Oceanography	
Classes	<b>Class Title (Teaching Form) Lecturers</b>	<b>Contact Time / Group Size</b>
	<u>Marine Phyla and Communities</u> (Lecture) F. Melzner, F. Weinberger	1 hr per week / 20 students
	<u>Identification of marine animal taxa</u> (practical Exercise) F. Melzner, F. Weinberger	3 hr per week / 20 students
	<u>Sample collection and identification at sea</u> One-day Ship Excursions	1 day (groups of 5 students on a four-weekly basis)
Credit Points / Workload	5 ECTS / 150 hours	
Prerequisites	None.	
Completion Module		
Following Module	None.	
Educational Objectives	The objective of this course is to enable students to identify marine animals, to provide thorough knowledge of the local flora and fauna, and to gather practical experience of sample collection at sea.	
Content Of Teaching	This course will provide knowledge of the morphology of marine animals and algae communities from the Baltic Sea and develop the capacity of correct and scientific identification of marine invertebrate and some selected vertebrate taxa. A further important aspect is to gain an understanding of the variety of life histories that are possible and realized in the marine environment.	
Examination	Practical identification exam 100%.	
Literature	None.	
Additional Information	The course will be held bilingually. A major portion of the identification keys is in German since no English translations are available yet.	