

# Modul: Mikropaläontologie im Gelände und Labor

Modulnr./-code: MP 21



## 1. Inhalte und Qualifikationsziele

Inhalte	<p>The course is designed to give the participants an introduction to, and an understanding of, the methods that have been developed to apply micropaleontological research projects to the requirements of the applied and industrial micropaleontology. The various techniques employed from collecting sample material to applying the analytical results will be demonstrated in practical exercises and projects.</p> <p>Field work and field exercises are integral part of the course curriculum and constitute a vital component of the Marine Micropaleontology field research module. To determine what physical and biological patterns can reliably indicate processes in the fossil record, students will be trained in field studies on living microorganisms at a marine biological station.</p>
Qualifikationsziele	<p>This course is designed to acquaint students with field studies on living microorganisms at a marine biological station. Participants will explore habitats of modern microorganisms to understand selected geological processes and ecological concepts relevant for industrial applications.</p> <p>As part of this course, students will be exposed to the fundamentals of micropaleontological field research and will conduct a research project on micropaleontological topic, such as marine ecology, micropaleontology, biogeography, biodiversity, invasion biology, animal behavior, or oceanography. The course is either based at a Research Station in the Mediterranean Sea or explores classic micropaleontological field sites in Europe.</p>

## 2. Lehr- und Lernformen

	LV- Art	Thema	Unterrichts- sprache	Gruppen- größe	SWS	Workload [h]
	GÜ	Marine Mikropaläontologie (10 Tage)	dt/en	20	5	150
	PrÜ	Ecological Micropaleontology	dt/en	20	1	30

## 3. Voraussetzungen für die Teilnahme am Modul

verpflichtend nachzuweisen	-
empfohlen	MP 20 Industrielle Mikropaläontologie

## 4. Verwendbarkeit des Moduls

	Studiengang/Teilstudiengang	Pflicht-/ Wahlpflicht	Fachsemester
	M.Sc. Paläontologie	Wahlpflicht	2. Semester
	M.Sc. OEP Biology	Wahlpflicht	2. Semester

## 5. Voraussetzungen für die Vergabe von Leistungspunkten entsprechend dem ECTS

## 6. ECTS-LP

Studienleistung(en)	-	
Prüfungen und Prü- fungssprache	Referat (dt/en) Projektarbeit (dt/en)	3 3

## 7. Häufigkeit

## 8. Arbeitsaufwand

## 9. Dauer

Wintersemester <input type="checkbox"/>	Winter- und Som- mersemester <input type="checkbox"/>	180 h	1 Semester
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## Modulorganisation

Lehrende(r)	Langer
Modulkoordinator(in)	Prof. Dr. Martin Langer
Anbietende Organisati- onseinheit	Institut für Geowissenschaften

## Sonstiges

Literatur	Wird zu Beginn der Veranstaltung vorgestellt.
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