

# Verleihung des Titels: Master of Science M.Sc. in Geo- and Paleobiology

4. Semester:  
Der/die Studierende  
erarbeitet und vermittelt  
eigenständige  
Forschungsergebnisse

3. Semester:  
Der/die Studierende  
bearbeitet und präsentiert  
eine eigenständige  
Forschungsaufgabe

2. Semester:  
Der/die Studierende  
verbindet Fachwissen mit  
Arbeitsmethoden und  
Analysetechniken

1. Semester:  
Der/die Studierende  
vertieft Fachkenntnisse  
zu den Fächern  
Paläontologie und  
Geobiologie

1. Master-Thesis  
2. Disputation

Thema der Thesisarbeit:  
"Impact of Climate Change on the Formation of Calcitic Bioconstructs"

P10

1. Research Project Design

2. Individual Research Project:  
"Molecular Aspects of Skeleton Formation"

P8

1. Seminar on  
Adv. Topics in  
Geobiology

2. Seminar on  
Adv. Topics in  
Paleobiology P9

1. Concepts of Biomineralization  
2. Advanced Invertebrate  
Geobiology: Non-Bilateria  
3. Collection Management  
and Research  
4. Concepts of Bioconstructions:  
Microfacies of Carbonates

WP16  
WP13  
WP18  
WP17

1. Geostatistics  
2. Phylogenetic  
Analysis of  
Morphological  
and Molecular  
Data P5

1. Geobiology  
Field Practical  
2. Paleobiology  
Field Practical

P6

1. Presentation  
and communic.  
skills  
2. Seminar on  
Current Topics  
in Geo- and  
Paleobiology P7

1. Oceanology  
2. Paleoecology  
3. Geobiological Field Exercises  
4. Advanced Topics in Geosciences

WP 5  
WP 6  
WP 7  
WP10

Evolution of Life  
1. Lecture  
2. Tutorial  
P1

1. Systematics  
and  
Phylogenetics  
2. Mechanisms  
of Evolution P2

Global Cycles  
1. Lecture  
2. Tutorial  
P3

Methods in  
Paleobiology  
1. Lecture  
2. Tutorial  
P4

1. Intr. into Basic  
Concepts in  
Biology  
2. Intr. into  
Advanced  
Concepts in  
Biology WP3  
WP4