

CW	Date	Lectures + tutorials 8:30 - 10:00 (Tue - Fri)	Responsible lecturers	Practical Courses / Lab rotations (Mon - Fri, after 10:30)
	August-September	Preparatory classes	Friedrich/Altendorf/Hehemann/Kartal/Wagner	online video classes and tutorials
39	Sep 26 – 30	Living and Studying in Germany	Glöckner/Bühning	
40	Oct 03 – 07 <i>Oct 3rd holiday</i> <i>Will be announced</i>	Basics in microbial physiology <i>How to keep a lab notebook</i>	Altendorf <i>Dubilier</i>	Basics in microbial physiology
41/1	Oct 10 - 12	Marine Chemistry	Ferdelman et al.	Marine Chemistry
41/2	Oct 13 -14	<i>RETREAT</i>		
42/ 43	Oct 17 - 28	Field Excursion Sylt	Borowski/de Beer/Harder et al.	Field Excursion
44	Nov 01 – 04 <i>Oct 31 holiday</i> <i>November 01, 11 am</i> <i>November 02</i>	Microbial Oceanography <i>MPI Safety lecture</i> <i>Fire fighter instructions</i>	Boetius/Bienhold	Microbial Oceanography
45	Nov 07-11	ProMi I	Harder	ProMi I
46	Nov 14 – 18	ProMi I	Harder/Friedrich	ProMi I
47/1	Nov 21	1. Written Exam ProMi I (Altendorf): 16 Marine Chemistry: 8 Excursion: 30 Microbial Oceanography: 16 <p style="text-align: right;">TOTAL: 70 pts</p>		
47/2	Nov 21 – 25	ProMi I	Friedrich	ProMi I
48	Nov 28- Dec 02	ProMi I	Hehemann	Glycobiology
49	Dec 05- 09	ProMi I	Erdmann	Mar Viruses
50	Dec 12- 16	ProMi I	Wagner	Protein Biochemistry
51/1	Dec 19	2. Written Exam ProMi I (Harder: 24, Friedrich: 24, Hehemann: 16, Erdmann: 16, Wagner: 16) TOTAL: 88 pts		
51/2	Dec 19 – 23	ProMi I	Kartal	Physiology
52 /1	Dec 24 – Jan 06	<i>CHRISTMAS BREAK</i>		
02	Jan 09 -13	Statistics	Buttigieg	Statistics
03	Jan 16– 20	Linux and Bioinformatics Introductory Course	Glöckner/Orellana/Wilkins/De Oliveira/Adam/Teeling/Kostadinov	Introduction to Bioinformatics

04	Jan 23 – 27	NGS & Metageomics	Glöckner/Orellana/Wilkins/De Oliveira/Adam/Teeling/Kostadinov	NGS & Metageomics
05	Jan 30 – Feb 03	Training in Research Data Management	Glöckner/Orellana/Wilkins/De Oliveira/Adam/Teeling/Kostadinov	Research Data Management
06/1	Feb 06	3. Written Exam ProMi I (Kartal): 16 Statistics: 16 Linux Bioinformatics Intro, NGS & Metagenomics, Research Data Management: 48 TOTAL: 80 pts		
06/2	Feb 06 – 10	Molecular Ecology I	Amann/ Meyerdierks/ Knittel	Molecular Ecology
07	Feb 13- Feb 17	Molecular Ecology I	Fuchs/ Meyerdierks/ Knittel	Molecular Ecology
08	Feb 20 – 24	Symbiosis	Dubilier/ Borowski/ Liebeke/De Oliviera	Symbiosis
09	Feb 27 – Mar 03	Symbiosis	Dubilier/ Borowski/ Liebeke/De Oliviera	Symbiosis
10	Mar 06 – 10	Biogeochemistry I	Lavik / Mohr / Ferdelman / Kuypers /Marchant	Biogeochemistry
11	Mar 13 – 17	Biogeochemistry I	Lavik / Mohr / Ferdelman / Kuypers /Marchant	Biogeochemistry
12/1	Mar 20	4. Written Exam MolEcol I: 32 Symbiosis: 32 Biogeo I: 32 TOTAL: 96 pts		
12/2	Mar 20 - 24	Marine Physics	Völker	Lab Rotation I
13	Mar 27 – 31	Marine Physics	Völker	Lab Rotation I
14 15	Apr 03 - 14	<i>EASTER BREAK</i>		
16	Apr 17 – 21 <i>will be announced</i>	Marine Geology <i>How to write a paper</i>	Bach <i>Dubilier</i>	Lab Rotation I
17	Apr 24 – 28	Marine Geology	Bach	Lab Rotation I
18	May 02 – 05 <i>May 01 holiday</i>	Frontiers in Microbiology	Wilkins	Lab Rotation I
19	May 08 – 12	Frontiers in Microbiology	N.N.	Lab Rotation I
20	May 15 - 19	Eukaryotic Microbiology	Kucera / Reich	Lab Rotation II
21	May 22 – 26 <i>will be announced</i>	Eukaryotic Microbiology <i>How to give a talk and make a poster</i>	Kucera / Reich <i>Dubilier</i>	Lab Rotation II
22	May 29 – Jun 02	Biogeochemistry II	Mohr /Marchant/ Lavik / Ferdelman	Lab Rotation II

23	Jun 05 – 09	Biogeochemistry II	Mohr /Marchant/ Lavik / Ferdelman	Lab Rotation II
24/1	Jun 12	5. Written Exam MarPhys (20)/MarGeol (20): 40 Frontiers (Wilkins (10)/NN (10): 20 EukMicro (Reich (10)/Kucera (10): 20 <p style="text-align: right;">TOTAL: 80 pts</p>		
24/2	Jun 12 - 16	ProMi II	Friedrich	Lab Rotation II
25	Jun 19 - 23	ProMi II	Harder	Lab Rotation II
26	Jun 26 – 30	Molecular Ecology II	Ullrich	Lab Rotation III (5 weeks only)
27/1	Jul 03	Mini Symposium (Talk)		
27/2	Jul 04 – 07	Molecular Ecology II	Ullrich	Lab Rotation III
28/2	Jul 10 – 14	Interactions/Lipids	Bühring	Lab Rotation III
29	Jul 17 - 21	Interactions	Altendorf	Lab Rotation III
30	Jul 25 - 28			Lab Rotation III
32/1	Jul 31	6. Written Exam Biogeo II: 20 ProMi II / MolEcol II (Friedrich (10)/Harder (10)/Ullrich (20)): 40 Micr. Interactions (Bühring (10)/Altendorf (10)): 20 <p style="text-align: right;">TOTAL: 80 pts</p>		
	Or / and Will be announced	MiniSymposium / Poster Session		
		Summer Holidays / Oral Exams		

- Lectures: Tuesdays and Thursdays from 8:30 – 10 am
- Tutorials: Wednesdays and Fridays from 8:30 – 10 am
- Thursday Seminar: *Advances in Marine Microbiology*, new lecture hall, 3 pm organized by Amann, Dubilier, Kuypers