

Reading Assignments zu Vielfalt der Mikroorganismen WS 2004/05

Tabelle als [pdf](#) ausdrückbar

Kapitel in BBOM 10th ed. ⁽¹⁾	Titel	Reading Assignments - BBOM 10th. edition ⁽¹⁾ zu den Modulen und den Übungen = Prüfungsstoff für Mikrobiologie I
1	Microorganisms and Microbiology	1.3 - 1.6
2	An Overview of microbial Life	2.3 - 2.6
3	Macromolecules	
4	Cell Structure and Function	
5	Nutrition and Metabolism	5.1 - 5.4, 5.6, 5.10, 5.11
6	Microbial Growth	6.3 - 6.10, 6.13
7	Microbial molecular Biology	
8	Regulation of Gene Expression	
9	Essentials of Virology	
10	Bacterial Genetics	
11	Microbial Evolution and Systematics	11.1 - 11.7
12	Prokaryotic Diversity: Bacteria	12.1 - 12.6, 12.9, 12.11, 12.16 - 12.22, 12.24
13	Prokaryotic Diversity: Archaea	13.1, 13.4, 13.5 - 13.11
14	Eukaryotic Microorganisms	14.1 - 14.8
15	Microbial Genomics	
16	Bacterial, Plant and Animal Viruses	
17	Metabolic Diversity	
18	Methods in microbial Ecology	
19	Microbial Habitats, Nutrient Cycles and Interactions	
20	Microbial Growth Control	20.1 - 20.9
21	Human Microbe Interactions	
22	Essentials of Immunology	
23	Molecular Immunology	
24	Clinical Microbiology and Immunology	
25	Epidemiology	25.2 - 25.5, 25.9
26	Person-to-Person microbial Diseases	
27	Animal-Transmitted, Arthropod-Transmitted and Soilborne microbial Diseases	
28	Wastewater Treatment, Water Purification and Waterborne microbial Diseases	
29	Food Preservation and Foodborne microbial Diseases	
30	Industrial Microbiology / Biocatalysis	30.2 - 30.9
31	Genetic Engineering and Biotechnology	

⁽¹⁾ Madigan M.T., J.M. Martinko and J. Parker: "Brock - Biology of Microorganisms", Prentice Hall, **10th Ed. 2003**