

CAS BI 203 COURSE SYLLABUS

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LECTURE / DISCUSSION / EXAMINATION

Required Text: The Cell: A Molecular Approach, GM COOPER 2005
Monday 13.00 – 16.00, Tuesday 15.00 – 17.00, Friday 13.00 -15.00 (optional)
Lecture (2 x 90min, Discussion 1 x60 min)
Location: MTZ, Fiedlerstrasse 42 (map: Bld. 91), Seminarraum 1 (2)
Examination/Grading: Active Attendance / written

Time	Topic	Hours	Lecturer
Session 1	C1: An Overview of Cells and Cell Research	3	Prof. Dieter
Session 2	C2: The Chemistry of Cells	2	
Session 3	C3: Fundamentals of Molecular Biology	2	
Session 4	C4: The Organization of Cellular Genomes	2	
Session 5	C5: Replication	2	
Fri 6			
Mo 9		3	
Fri 13	EXAM SEMINAR 1: C1-C5	2	
Mo 16	C6: RNA Synthesis and Processing	3	
Tue 17	C7: Protein Synthesis, Processing, and Regulation	2	
Mo 23	C8: The Nucleus	3	18
Tue 24	C9: Protein Sorting and Transport	2	
November	C10: Bioenergetics and Metabolism		
Mo 6		3	
Tue 7		2	
Mo 13	EXAM SEMINAR 2 : C6-C10	3	
Tue 14	C11: The Cytoskeleton and Cell Movement	2	22
Mo 20	C12: The Cell Surface	3	
Tue 21	C13: Cell Signalling	2	
Mo 27	C14: Cell Cycle	3	
Tue 28	C15: Cancer	2	
December			
Mo 4		3	
Tue 5		2	
Mo 11	EXAM SEMINAR 3: C11-15	3	
Tue 12	FINAL MEETING	2	56