

Date	Lecture topics	Ch. Nr.	Seminar topics
1st week: September 08 - 12	Proteins, carbohydrates and lipids 1.	3	Ch. 3
	Proteins, carbohydrates and lipids 2.	3	
	Proteins, carbohydrates and lipids 3.	3	
	Proteins, carbohydrates and lipids 4.	3	
2nd week: September 15 - 19	Nucleic acids 1.	4	Chapters 3,4
	Nucleic acids 2.	4	
	Cells: the working units of life 1.Prokaryotes*	5/24*	
	Cells: the working units of life 2.	5	
3rd week: September 22 - 26	Cells: the working units of life 3.	5	Chapters: 5
	Cells: the working units of life 4.	5	
	Cell membranes 1.	6	
	Cell membranes 2.	6	
4th week: September 29 - October 03	Cell membranes 3.	6	Chapters: 6
	Cell membranes 4.	6	
	Summary/Discussion Chs. 3., 4., 5.,6.		
	Summary/Discussion Chs. 3., 4., 5.,6.		
5th week: October 06 - 10	Energy, enzymes and metabolism 1.	8	Chapters: 6,8
	Energy, enzymes and metabolism 2.	8	
	Energy, enzymes and metabolism 3.	8	
	Energy, enzymes and metabolism 4.	8	
SCT1			
6th week: October 13 - 18 Oct. 18. Saturday, workday	PATHways that harvest chemical energy 1.	9	Chapters: 8,9
	PATHways that harvest chemical energy 2.	9	
	PATHways that harvest chemical energy 3.	9	
	Summary/Discussion Chs. 8., 9.		
7th week: October 20 - 24 Oct. 23. Thursday, National Holiday Okt. 24. Friday, Holiday	Summary/Discussion Chs. 8., 9.		Chapters: 9
	Cell cycle and cell division 1.	11	
	National holiday		
	National holiday		
8th week: October 27 - October 31	Cell cycle and cell division 2.	11	Chapters: 11
	Cell cycle and cell division 3.	11	
	Cell cycle and cell division 4.	11	
	Inheritance, genes and chromosomes 1.	12	
SCT2			
9th week: November 03 - 07	Inheritance, genes and chromosomes 2.	12	Chapters: 12
	Inheritance, genes and chromosomes 3.	12	
	Inheritance, genes and chromosomes 4.	12	
	Inheritance, genes and chromosomes 5.	12	
10th week: November 10 - 14	Population Genetics	19	Chapters: 12/19
	DNA and its role in heredity 1.	13	
	DNA and its role in heredity 2.	13	
	DNA and its role in heredity 3.	13	
11th week: November 17 - 21	Summary/Discussion Chs. 11., 12., 13.		Chapters: 13,14
	Summary/Discussion Chs. 11., 12., 13.		
	From DNA to protein: gene expression 1.	14	
	From DNA to protein: gene expression 2.	14	
SCT3			
12th week: November 24 - 28	From DNA to protein: gene expression 3.	14	Chapters: 14
	From DNA to protein: gene expression 4.	14	
	Gene mutation and molecular medicine 1.	15	
	Gene mutation and molecular medicine 2.	15	
13th week: December 01 - 05	Gene mutation and molecular medicine 3.	15	Chapters: 15
	Regulation of gene expression 1.	16	
	Regulation of gene expression 2.	16	
	Regulation of gene expression 3.	16	
14th week: December 08 - 12	Cellular signaling and communication 1.	7	Chapters: 16,7
	Cellular signaling and communication 2.	7	
	Summary/Discussion Chs. 14., 15. 16		
	Summary/Discussion Chs. 14., 15. 16		
SCT4			