## Pensum BIO103 V-2017.

Textbook: Campbell «Biology» (10th edition)

Торіс	Text book (10th edition)	Lectures	Textbook 9th edition
Cell Organization	Chapter 7	3 double lectures	Chapter 6
		6 hours	
Metabolism	Chapter 6	1 double lecture	Chapter 8
		2 hours	
Mitosos and Cell Cycle	Chapter 12	1 double lecture	Chapter 12
		2 hours	
Meiosis and Life Cycle	Chapter 13	1 double lecture	Capter 13
		2 hours	
Mendel & Gene	Chapter 14	1 double lecture	Chapter 14
	Chapter 17.5 p411-413	2 hours	Chapter 17.5 p 390-
			392
Chromosomal	Chapter 15	1 double lecture	Chapter 15
Inheritance		2 hours	
Genome Evolution	Chapter 20	1 double lecture	Chapter 21
		2 hours	
Genomes and	Chapter sections 19.3	1 double lecture	Chapters 20.3 and
emerging technology	and 19.4	2 hours	20.4
Epigenetics	Chapter 16 p384-385	1 double lecture	Chapter 16 p 366-368
	Chapter 18 p422-423	2 hours	Chapter 18 p 403-404
Plant Development	Chapter 35	1 double lecture	Chapter 35
		2 hours	
Animal Development	Chapter 46	3 double lectures	Chapter 47
		6 hours	
Regeneration		1 single lecture	
		1 hour	
Embryology		1 single lecture	
		1 hour	

Note: Additional reading for some topics will be supplied on "mi side" as PDF documents. No

additional pensum purchases beyond the textbook indicated above are required of the students. Some of the additional reading will be mandatory and some will be optional – this

will be clarified on "mi side" as this additional reading is assigned during the course.