



<b>COURSE: CELL &amp; MOLECULAR BIOLOGY</b>		
<b>DEGREE: Biomedical Engineering</b>	<b>YEAR: 2017-2018</b>	<b>TERM: 2<sup>nd</sup> semester</b>

*La asignatura tiene 29 sesiones que se distribuyen a lo largo de 14 semanas. Los laboratorios pueden situarse en cualquiera de ellas. Semanalmente el alumnos tendrá dos sesiones, excepto en un caso que serán tres.*

WEEKLY PLANNING									
WEEK	SESSION	DESCRIPTION	GROUPS (mark X)		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	Indicate YES/NO If the session needs 2 teachers	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS			DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
1	1	<i>Introduction to cells</i>	X		Class room	NO		1,6	7
1	2	<i>Chemical components of the cell</i>	X		Class Room	NO		1,6	
2	3	<i>Membrane structure</i>	X		Class Room	NO		1,6	7
2	4	<i>Caspase paper discussion</i>		X	Class room	NO		1,6	
3	5	<i>Membrane transport</i>	X		Class room	NO		1,6	7

3	6	<i>Vesicular traffic</i>		X	Class room	NO		1,6	
4	7	<b>1st CELL BIOLOGY TEST )</b>	<b>TEST</b>		Computer Room	YES		1,6	7
4	8	<i>GOLSTEIN &amp; BROWN PAPER DISCUSSION</i>		X	Class room	NO		1,6	
5	9	<i>Cell communication I</i>	X		Class room	NO		1,6	7
5	10	<i>Cell communication II</i>	X		Class room	NO		1,6	
6	11	<b>2ND CELL BIOLOGY TEST</b>	<b>TEST</b>		Computer Room	YES		1,6	7
6	12	<i>Introduction to the cytoskeleton</i>	X		Class Room	NO		1,6	
7	13	<i>Cytoskeleton problems</i>		X	Class Room	NO		1,6	7
7	14	<i>Ttutorial</i>		X	Class room	NO		1,6	
8	15	<i>introduction to molecular biology</i>				NO		1,6	7
8	16	<i>how cells produce and use energy</i>				NO		1,6	
9	17	<i>protein structure</i>				NO		1,6	7
9	18	<i>protein regulation</i>				NO		1,6	
10	19	<i>dna and chromosomes</i>				NO		1,6	7
10	20	<i>dna and chromosomes</i>				NO		1,6	
11	21	<i>dna replication</i>				NO		1,6	7
11	22	<b>3RD CELL BIOLOGY TEST</b>	<b>TEST</b>			YES		1,6	
12	23	<i>rna synthesis and processig</i>				NO		1,6	7
12	24	<i>rna synthesis and processig</i>				NO		1,6	
13	25	<i>protein synthesis</i>				NO		1,6	7
13	26	<i>Protein degradation</i>				NO		1,6	
14	27	<i>gene regulation</i>				NO		1,6	7
14	28	<i>epigenetic control of gene activity</i>				NO		1,6	
15	29	<i>Review and discussions</i>				NO		1,6	3.5
<b>Subtotal 1</b>								<b>48,33</b>	

<b>Total 1</b> ( <i>Hours of class plus student homework hours between weeks 1-14</i> )	
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15		Tutorials, handing in, etc						
16		Assessment						
17								3
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<b>Subtotal 2</b>	<b>3</b>
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<b>Total 2</b> ( <i>Hours of class plus student homework hours between weeks 15-18</i> )	
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<b>TOTAL</b> ( <i>Total 1 + Total 2</i> )	<b>150</b>
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