



COURSE: Anatomy and Physiology II		
DEGREE: Biomedical Engineering	YEAR: 2017/2018	TERM: 2nd

WEEKLY PLANNING									
WEEK	SESSION	DESCRIPTION		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	Indicate YES/NO If the session needs 2 teachers	WEEKLY PROGRAMMING FOR STUDENT			
						DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)	
1	1 24JAN	Special senses: Vision					1,6		
1	2 25JAN	Special senses: Vision (2)				Examples, discussion and problems	1,6		
2	3 31JAN	Special senses: Vision (3)					1,6		
2	4 1FEB	Special senses: Vision (4)				Examples, discussion and problems	1,6		
3	5 7FEB	Special senses: Audition					1,6		
3	6 8FEB	Special senses: Audition (2)				Examples, discussion and problems	1,6		
4	26 Feb 1st HOSPITAL VISIT						Hospital G. U. Gregorio Marañón		

4	7 14FEB	Special senses: Olfaction and taste / SEMINAR I				Examples, discussion and problems	1,6	
4	8 15FEB	Cardiovascular system: Anatomy of heart and blood vessels.			A		1,6	
5	9 21FEB	EXAM SENSES The heart (1)					1,6	
5	10 22FEB	Cardiovascular system: The heart (2)				Examples, discussion and problems	1,6	
6	11 28 FEB	Cardiovascular system: The heart (3)					1,6	
6	12 1MAR	Cardiovascular system: The circulation					1,6	
7	13 7MAR	Cardiovascular system: The circulation (2)					1,6	
7	14 8MAR	SEMINAR II				Examples, discussion and problems	1,6	
8	19 Mar 2nd HOSPITAL VISIT					Hospital G. U. Gregorio Marañón		
8	15 14MAR	Digestive system (1)			A		1,6	
8	16 15MAR	EXAM Cardio / Digestive system (2)			A	Examples, discussion and problems	1,6	
9	17 21MAR	Endocrine system (1)			A		1,6	
9	18 22MAR	CANCELLED					1,6	
10	19 4APR	Endocrine system (2)			A	Examples, discussion and problems		
10	20 5APR	Review of nutrition and metabolism					1,6	
11	23 Apr 3rd HOSPITAL VISIT					Hospital G. U. Gregorio Marañón		
11	21 11APR	Reproductive system, development and inheritance			A		1,6	
11	22 12APR	Reproductive system, development and inheritance (2)			A	Examples, discussion and problems	1,6	
12	23 18APR	Urinary System anatomy. Review of filtration					1,6	
12	25 19APR	EXAM Endocrine + Digestive + Reproductive / The Kidney				Examples, discussion and problems	1,6	
13	25 25APR	The kidney(2)						

13	26 26APR	Fluids and acid-base equilibrium					1,6	
14	27 03MAY	SEMINAR III				Examples, discussion and problems	1,6	
14	7 May 4th HOSPITAL VISIT					Hospital G. U. Gregorio Marañón		
14	27 09MAY	CANCELLED					1,6	
14	28 10MAY	EXAM Urinary				Examples, discussion and problems	1,6	
Subtotal 1							41,66	
Total 1 (Hours of class plus student homework hours between weeks 1-14)								

15	29 10MAY	Tutorials, handing in, etc.						
15		Assessment					3	
16								
16								
Subtotal 2							3	
Total 2 (Hours of class plus student homework hours between weeks 15-18)								

TOTAL A (Total 1 + Total 2)							150	
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LABORATORIES CLASSES PROGRAMMING (*)							
WEEK	SESSION	DESCRIPTION	LABORATORY	WEEKLY PROGRAMMING FOR STUDENT			
				DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)	
	1	Eye dissection	UC3M Labs		1,6		
	2	Heart-lung dissection	UC3M Labs		1,6		
	3	Cardiovascular clinical scenarios (on mannekin)	UC3M Labs		1,6		
	4	Physiological simulations	Homework		1,6		

	5	Visits to the Hospital clinics	Hospital Gregorio Marañón		1,6	
				Subtotal 3	16	
Total 3 (<i>Hours of class plus student homework hours of ten sessions laboratories</i>)						
TOTAL B (<i>Total 3</i>)						
TOTAL (<i>Total A + Total B. Maximum 180 hours</i>)						

() In EPS are given an additional 16 hours of laboratory practices along ten sessions.*