

MÁSTER IN CONDENSED MATTER PHYSICS AND BIOLOGICAL SYSTEMS
GROUP 290

FIRST SEMESTER

LECTURE ROOM: 01.14.AU.500

LABORATORY:

COMPUTER ROOM:

Subjects

SiGMA Code-Name (ACRONIM)/ Coordinator:

32666 Experimental Techniques in Nanophysics and Biophysics (TENB): Pedro J. de Pablo

33118 Physical Foundations (FF): Rafael Delgado

32668 Professional skills (CCP): Roberto Otero

32669 Advanced statistical physics (FEA): Pedro Tarazona

32670 Interactions and low-dimensional systems in condensed matter (IBD): Juan José Palacios Burgos

32671 Theoretical methods in biophysics (MTB): Carmina Monreal y Teresa González Gallego

32672 Experimental and computational methods in biophysics (ME): David Míguez y Eva Richard

32673 Master thesis (TFM): Raúl Guantes and Francesca Maria Marchetti

COLOR CODES:

Lectures	No colour
Laboratory	
Computer Room	
Seminars/Conferences	
Lectures outside the Faculty (another Center, another University).	
Evaluation	

WEEK-1, SEPTEMBER 9th TO 13th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	Master Introduction	MTB (Group 1)*	MTB (Group 1)*	MTB (Group 1)*	
11:00-12:00	MTB (Group 1)*	MTB (Group 1)*	MTB (Group 1)*	MTB (Group 1)*	
12:00-13:00	MTB (Group 1)*				

* In the MTB subject the students are split in two groups: Group 1 (students with grade studies in Biology, Biochemistry etc.) will start the subject two weeks earlier to catch up with the necessary Physics/Maths knowledge. Students belonging to Group 2 (physicists, engineers...) will begin with the rest of the first semester subjects.

WEEK-2, SEPTEMBER 16th TO 20th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	MTB (Group 1)*	MTB (Group 1)*	MTB (Group 1)*	MTB (Group 1)*	
11:00-12:00	MTB (Group 1)*	MTB (Group 1)*	MTB (Group 1)*	MTB (Group 1)*	

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WEEK-3, SEPTEMBER 23rd TO 27th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
9:30-10:30	IBD		IBD	IBD	ME 1& ME 2	
10:30-11:30	FEA	MTB1,2*	FEA	MTB 1,2		
11:30-12:30	FF**		FF	FF	CCP	
12:30-13:30	TENB		TENB	TENB		
13:30-14:30						

* Groups 1 and 2. Classes in **MTB** will be held in classrooms 01.15.AU.401 and 01.13.AU.409 until the end of semester.

** Classes in **FF** will be held in classroom 01.14.AU.500 and 01.13.AU.409 until end of semester.

&Classes of ME1 and ME2 on Fridays should be in **different** computer rooms

WEEK-4, SEPTEMBER 30th TO OCTOBER 4th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
9:30-10:30	IBD		IBD	IBD	ME 1 ME 2	
10:30-11:30	FEA MTB 1,2		FEA MTB 1,2	FEA MTB 1,2		
11:30-12:30	Inauguration of Masters in Sciences	FF	FF	FF	CCP	
12:30-13:30		TENB	TENB	TENB		
13:30-14:30						

WEEK-5, OCTOBER 7th TO 11th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
9:30-10:30	IBD		IBD	IBD	ME 1 ME 2	
10:30-11:30	FEA MTB 1,2		FEA MTB 1,2	FEA MTB 1,2		
11:30-12:30	FF		FF	FF	CCP	
12:30-13:30	TENB		TENB	TENB		
13:30-14:30						

WEEK-6, OCTOBER 14th TO 18th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
9:30-10:30	IBD		IBD	IBD	ME 1 ME 2	
10:30-11:30	FEA MTB 1,2		FEA MTB 1,2	FEA MTB 1,2		
11:30-12:30	FF		FF	FF	CCP	
12:30-13:30	TENB		TENB	TENB		
13:30-14:30						

WEEK-7, OCTOBER 21st TO 25th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
9:30-10:30	IBD		IBD	IBD	ME 1 ME 2	
10:30-11:30	FEA MTB 1,2		FEA MTB 1,2	FEA MTB 1,2		
11:30-12:30	FF		FF	FF	CCP	
12:30-13:30	TENB		TENB	TENB		
13:30-14:30						

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WEEK-8, OCTOBER 28th TO NOVEMBER 1st

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:30-10:30	IBD	IBD	IBD	IBD	HOLIDAY TODOS LOS SANTOS
10:30-11:30	FEA MTB 1,2	FEA MTB 1,2	FEA MTB 1,2	FEA MTB 1,2	
11:30-12:30	FF	FF	FF	FF	
12:30-13:30	TENB	TENB	TENB	TENB	
13:30-14:30					

WEEK-9, NOVEMBER 4th TO 8th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
9:30-10:30	IBD	IBD	IBD	IBD MTB 2	ME 1	ME 2
10:30-11:30	FEA MTB 1,2	FEA MTB 1,2	FEA MTB 1,2	FEA MTB 1,2		
11:30-12:30	FF	FF	FF	FF	CCP	
12:30-13:30	TENB	TENB	TENB	TENB		
13:30-14:30						

WEEK-10, NOVEMBER 11th TO 15th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:30-10:30	IBD	IBD	IBD	IBD	HOLIDAY SAN ALBERTO MAGNO
10:30-11:30	FEA MTB 1,2	FEA MTB 1,2	FEA MTB 1,2	FEA MTB 1,2	
11:30-12:30	FF	FF	FF	FF	
12:30-13:30	TENB	TENB	TENB	TENB	

WEEK-11, NOVEMBER 18th TO 22nd

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
9:30-10:30	IBD	IBD	IBD MTB 2	IBD	ME 1	ME 2
10:30-11:30	FEA MTB 1,2	FEA MTB 1,2	FEA MTB 1,2	FEA MTB 1,2		
11:30-12:30	FF	FF	FF	FF	CCP	
12:30-14:30						
15:30-18:30	TENB*	TENB	TENB	TENB		

* Practical sessions in **TENB** are splitted into subgroups depending on the chosen labs.

WEEK-12, NOVEMBER 25th TO 29th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
9:30-10:30	IBD	IBD	IBD	IBD	ME 1	ME 2
10:30-11:30	FEA MTB 2*	FEA MTB 2	FEA MTB 2	FEA MTB 2		
11:30-12:30	FF	FF	FF	FF	CCP	
12:30-14:30	ME 1*					
15:30-18:30	TENB	TENB	TENB	TENB		

*Until Christmas holidays, MTB only for Group 2.

*Only for Group 1 (Biologists).

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WEEK-13, DECEMBER 2nd TO 6th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:30-10:30	IBD	IBD MTB 2	IBD	IBD	HOLIDAY DIA DE LA CONSTITUCIÓN
10:30-11:30	FEA MTB 2	FEA MTB 2	FEA MTB 2	FEA MTB 2	
11:30-12:30	FF	FF	FF	FF	
12:30-14:30	ME 1				
15:30-18:30	TENB	TENB	TENB	TENB	

WEEK-14, DECEMBER 9th TO 13th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:30-10:30	HOLIDAY TRASLADO DE LA INMACULADA	IBD	IBD	IBD	MTB 2
10:30-11:30		FEA MTB 2	FEA MTB 2	FEA MTB 2	
11:30-12:30		FF	FF	FF	
12:30-14:30		ME 1			CCP

&Only for group 2 (computation).

WEEK-15, DECEMBER 16th TO 20th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:30-10:30					
10:30-11:30					
11:30-12:30					
12:30-14:30	CCP	ME 1			
14:00-17:00					

WEEK-16, JANUARY 6th TO 10th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:30-13:30	HOLIDAY	HOLIDAY	ME 1,2*	ME 1,2	ME 1,2
14:30-18:00			TENB	TENB	

*Groups 1 and 2.

WEEK-17, JANUARY 13th TO 17th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:30-13:30	ME 1,2	ME 2*	ME 2	ME 2	ME 2

*Only for Group 2.

WEEK-18, JANUARY 20th TO 24th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:30-13:30	Exams subjects first semester		MTB 2	HOLIDAY	HOLIDAY

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Deadline for first semester and final marks submission: February 5th, 2020

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SECOND SEMESTER

LECTURE ROOM:

LABORATORY:

COMPUTER ROOM:

Subjects

SIGMA Code-Name (ACRONIM)/ Coordinator

32674 Low temperature physics (FBT): Isabel Guillamón

32675 Nanophotonics and quantum optics (FOT): Antonio Fernández-Domínguez, Johannes Feist

32676 Quantum field theory in condensed matter physics (TCC): Jaime Merino

32677 Surface nanoscience (SUP): Roberto Otero

32678 Computational methods in condensed matter physics and biomolecules (Mcom): Rafael Delgado

32679 Tunneling and atomic force microscopy (SPM): José María Gómez, Rubén Pérez

32680 Imaging analysis (AnIma): Sergio Marco

33119 Bioinformatics (BioInfo): Ugo Bastolla

32684 Systems Biology (BioSis): Raúl Guantes

32683 Neuroscience (NE): Pablo Varona

32673 Master Thesis /TFM): Raúl Guantes, Francesca Marchetti

WEEK-1, JANUARY 27th TO 31st

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:30-10:30	HOLIDAY UAM SANTO TOMÁS	SPM	SPM	BioInfo*	SPM
10:30-11:30		SUP	SUP		SUP
11:30-12:30		FBT	FBT	BioSis*	FBT
12:30-13:30		Bioinfo(Intro)			
14:30-15:30		TCC	TCC		TCC
15:30-17:30		FOT	MCom		FOT
18:00-19:00		NE&			NE
19:00-20:00					NE

***Para las horas de teoría de las asignaturas BioInfo y BioSis necesitamos un aula adicional al aula habitual de clase por coincidencia de horarios con las asignaturas de la especialidad de Nanofísica. La capacidad del Aula deberá de ser entre 20-30 personas (al menos para la asignatura de BioSis) con pizarra y proyector.**

&NE will be imparted in the Polytechnique School of Informatics Building.

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WEEK-2, FEBRUARY 3rd TO 7th

HOUR	MONDAY		TUESDAY	WEDNESDAY		THURSDAY	FRIDAY
9:30-10:30	SPM	BioInfo	SPM	SPM	BioInfo	SPM	
10:30-11:30	SUP		SUP	SUP		SUP	
11:30-12:30	FBT	BioSis	FBT	FBT	BioSis	FBT	
12:30-13:30							
14:30-15:30	TCC		TCC	TCC		TCC	
15:30-17:30	MCom		FOT	MCom		FOT	
18:00-19:00			NE			NE	
19:00-20:00						NE	

WEEK-3, FEBRUARY 10th TO 14th

HOUR	MONDAY		TUESDAY	WEDNESDAY		THURSDAY	FRIDAY
9:30-10:30	SPM	BioInfo	SPM	SPM	BioInfo	SPM	
10:30-11:30	SUP		SUP	SUP		SUP	
11:30-12:30	FBT	BioSis	FBT	FBT	BioSis	FBT	
12:30-13:30							
14:30-15:30	TCC		TCC	TCC		TCC	
15:30-17:30	MCom		FOT	MCom		FOT	
18:00-19:00			NE			NE	
19:00-20:00						NE	

WEEK-4, FEBRUARY 17th TO 21st

HOUR	MONDAY		TUESDAY	WEDNESDAY		THURSDAY	FRIDAY
9:30-10:30	SPM	BioInfo	SPM	SPM	BioInfo	SPM	
10:30-11:30	SUP		SUP	SUP		SUP	
11:30-12:30	FBT	BioSis	FBT	FBT	BioSis	FBT	
12:30-13:30							
14:30-15:30	TCC		TCC	TCC		TCC	
15:30-17:30	MCom		FOT	MCom		FOT	
18:00-19:00			NE			NE	
19:00-20:00						NE	

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WEEK-5, FEBRUARY 24th TO 28th

HOUR	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY
09:30-10:30	SPM	Anlma	SPM	Anlma	SPM	Anlma	SPM	Anlma	Anlma
10:30-11:30	SUP		SUP		SUP		SUP		
11:30-12:30	FBT		FBT		FBT		FBT		
12:30-13:30									
14:30-15:30	TCC	Anlma	TCC	Anlma	TCC	Anlma	TCC	Anlma	Anlma
15:30-16:30	MCom		FOT		MCom		FOT		
16:30-17:30									
18:00-19:00			NE				NE		
19:00-20:00							NE		

WEEK-6, MARCH 2nd TO 6th

HOURS	MONDAY			TUESDAY		WEDNESDAY			THURSDAY		FRIDAY	
9:30-11:30	SPM a	SUP a	BioInfo	SPM a	SUP a	SPM a	SUP a	BioInfo	SPM a	SUP a	SPM a	SUP a
11:30-13:30		BioSis										
14:30-15:30	TCC			TCC		TCC			TCC			
15:30-17:30	MCom			FOT		MCom			FOT			
18:00-19:00				NE					NE			
19:00-20:00									NE			

Especificar labs para SUP y SPM

WEEK-7, MARCH 9th TO 13th

HOURS	MONDAY			TUESDAY		WEDNESDAY			THURSDAY		FRIDAY	
9:30-11:30	SPM b	SUP b	BioInfo	SPM b	SUP b	SPM b	SUP b	BioInfo	SPM b	SUP b	SPM b	SUP b
11:30-13:30		BioSis										
14:30-15:30	TCC			TCC		TCC			TCC			
15:30-17:30	MCom			FOT		MCom			FOT			
18:00-19:00				NE					NE			
19:00-20:00									NE			

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WEEK-8, MARCH 16th TO 20th

HOURS	MONDAY			TUESDAY		WEDNESDAY			THURSDAY		FRIDAY	
9:30-11:30	SPM _c	FBT _a	BioInfo	SPM _c	FBT _a	SPM _c	FBT _a	BioInfo	SPM _c	FBT _a	SPM _c	FBT _a
11:30-13:30	SPM _c	FBT _a	BioSis	SPM _c	FBT _a	SPM _c	FBT _a	BioSis	SPM _c	FBT _a	SPM _c	FBT _a
14:30-15:30	TCC			TCC		TCC			TCC			
15:30-17:30	MCom			FOT		MCom			FOT			
18:00-19:00				NE					NE			
19:00-20:00									NE			

WEEK-9, MARCH 23th TO 27th

HOURS	MONDAY			TUESDAY		WEDNESDAY			THURSDAY		FRIDAY	
9:30-11:30	FBT _b		BioInfo	FBT _b		FBT _b		BioInfo	FBT _b		FBT _b	
11:30-13:30	FBT _b		BioSis	FBT _b		FBT _b		BioSis	FBT _b		FBT _b	
14:30-15:30	TCC			TCC		TCC			TCC			
15:30-17:30	MCom			FOT		MCom			FOT			
18:00-19:00				NE					NE			
19:00-20:00									NE			

WEEK-10 MARCH 30th TO APRIL 3rd

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:30-11:30	BioInfo		BioInfo	BioInfo	
11:30-13:30	BioSis		BioSis		
14:30-15:30	TCC	TCC	TCC	TCC	
15:30-17:30	MCom	FOT	MCom	FOT	
18:00-19:00		NE		NE	
19:00-20:00				NE	

APRIL 6th TO 10th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	HOLIDAY				

WEEK-11, APRIL 13th TO 17th

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HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	HOLIDAY				

WEEK-12, APRIL 20th TO 24th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-13:00	Exams second semester				

WEEK-13, APRIL 27th TO MAY 1st

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
					HOLIDAY WORKERS DAY

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WEEK MAY 18th TO 22th

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
MORNING	Exams second-call for first semester subjects				
AFTERNOON					

Deadline for second semester and final marks submission: June 3rd, 2020

WEEK 15th TO 19th JUNE

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
MORNING	Exams second-call for second semester subjects				
AFTERNOON					

Deadline for final marks submission: July 7th, 2020

MASTER THESIS

First call: (until July 9th, 2020)

WEEK FROM 22 TO 26 JUNE

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
MORNING				TFM	TFM
AFTERNOON					

Deadline for final marks submission: (Master Thesis), until July 14th, 2020

Second call: (until September 21st, 2020)

WEEK FROM SEPTEMBER 14 TO 18

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
MORNING				TFM	TFM
AFTERNOON					

Deadline for final marks submission (Master Thesis), until September 23rd, 2020

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