

Last updated: 30/08/2009

## Fall Semester

Classes from September 21 to December 22.

### Compulsory credits

		Credits	Class hours	Venue
561206	<b>General Biophysics</b> José Maria Sancho Herrero (coord.)	5	21/09/09-23/11/09 Monday and Wednesday 11:50 - 13:40 plus Tuesday 22/09, 29/09 8:30 - 10:20 and Friday 16/10 8:30-10:20	Classroom V12M, Faculty of Physics
561211	<b>Experimental Techniques in Biophysics</b> Félix Ritort Farran (coord.)	5	22/09/09-18/12/09 Tuesday and Friday 11:50 - 13:40	Classroom V12M, Faculty of Physics

### Elective credits offered by the Master in Biophysics

	Credits	Link (*)	Class hours	Venue
<b>Advanced Topics in Biophysics</b> Ignacio Pagonabarraga Mora (coord.)	5	MB	20/10/09-18/12/09 Tuesday and Friday 8:30-10:20 plus 25/11/09-16/12/09 Monday and Wednesday 11.50-13:40	Classroom V12M, Faculty of Physics

(\*) Check the detailed schedule at the webpage of the Master program that offers the elective course:

MB = Master in Biophysics

## Elective credits offered by other Masters of the University of Barcelona

	Credits	Link (*)	Class hours	Venue
Fundamentals of Molecular and Cell Biology	5	MEB	21/09/09-13/11/09 Monday, Thursday and Friday 15:00-16:50	Classroom V11G, Faculty of Physics. Practices every Friday at Faculty of Physics (classroom to be decided)
Fundamentals of Physiology	5	MEB	21/09/09-13/11/09 every day 18:00-20:00	Classroom V11G, Faculty of Physics. Practices every Friday at Faculty of Biology (classroom to be decided)
Models and Systems of Physiological Control	5	MEB	16/11/2009-04/02/10 Monday, Tuesday, Wednesday and Thursday 17:10-20:00	(classroom to be decided)
Molecular and Cell Bioengineering	5	MEB	Monday and Tuesday 17:10-20:00	Classroom A27P, Faculty of Physics.
Genomics and Proteomics	4	MBM	13/10/09-06/11/09 every day 8:00-10:00	Faculty of Biology (classroom to be decided)
Bioinformatics	2	MBM	04/11/09-25/11/09 every day 10:00-12:00	Faculty of Biology (classroom to be decided)
Nanobiotechnology. Techniques in Biophysics.	2.5	MBM	26/11/09-15/12/09 every day 11:00-12:00 + Practical classes (check hour).	Classroom 18, Faculty of Medicine, Campus Hospital Clinic
Statistics, Monte Carlo Methods and Data Processing	5	MAFPC	Monday, Tuesday, and Wednesday 14:10-15:00	Classroom V12M, Faculty of Physics
Molecular Dynamics and Monte Carlo	5	MFC	Tuesday and Wednesday 08:10 - 10:00	Classroom, UPC - 34058
Condensed Matter Physics	5	MFC	Monday and Thursday 11:10-13:00	Classroom, UPC - 34066
Non-linear Dynamics and Hydrodynamic Instabilities	5	MFC	21/09/09-02/11/09 Monday and Wednesday 16:10-18:00 04/11/09-18/12/09 Monday and Wednesday 15:10-17:00	Classroom , UPC - 34065
Nanobiotechnology	5	MNN	28/09/09-13/01/2010 Monday and Wednesday 15:10-17:00	Seminar room 325, 3rd floor, Faculty of Physics
Scanning Probe Microscopies and Nanomanipulation	2.5	MNN	1/10/09-14/01/2010 Thursday 15:10 - 17:00 Jueves	Seminar room 325, 3rd floor, Faculty of Physics

(\*) Check the detailed schedule at the webpage of the Master program that offers the elective course:

MAFPC = Master in Astrophysics, Particle Physics and Cosmology ([http://www.am.ub.es/master\\_AFPC](http://www.am.ub.es/master_AFPC))

MBM = Master in Biomedicine ([www2.ub.edu/biomed/](http://www2.ub.edu/biomed/))

MEB = Master in Biomedical Engineering (<http://www.ub.edu/masteroficial/enginybiomed/>)

MFC = Master in Computacional and Applied Physics ([dfa.upc.es/masterFCiA/](http://dfa.upc.es/masterFCiA/))

MNN = Master in Nanoscience and Nanotechnology ([www2.ub.edu/nanotec/](http://www2.ub.edu/nanotec/))

## Spring semester

Classes from February 15 to May 27.

### Compulsory credits

		Credits	Class hours	Venue
561214	<b>Molecular Biophysics</b> Matteo Palassini (coord.)	5	15/02/10-27/05/10 Monday and Wednesday 8:30-10:20	Classroom V12M, Faculty of Physics
561215	<b>Cell Biophysics</b> Jaume Casademunt Viader (coord.)	5	15/02/10-27/05/10 Tuesday and Friday 8:30-10:20	Classroom V12M, Faculty of Physics

### Elective credits offered by the Master in Biophysics

	Credits	Link (*)	Class hours	Venue
<b>Self-organization and non-equilibrium systems</b> Jorge Wagensberg Lubinski	2.5	MB	02/03/10-27/05/10 Monday and Wednesday 17:00-19:00	Classroom A27P, Faculty of Physics
<b>Biophysics Seminars</b> Ramón Raigada Sanz (coord.)	2.5	MB	18/02/10-03/04/10 Tuesday and Thursday 15:00-17:00	Classroom A27P, Faculty of Physics

(\*) Check the detailed schedule at the webpage of the Master program that offers the elective course:

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### Elective credits offered by other Masters of the University of Barcelona

	Credits	Link (*)	Class hours	Venue
<b>Electrophysiology and Cell Physiology</b>	2.5	MBM	08/03/2010-17/03/2010 every day 12:30-14:30	Faculty of Medicine, Campus Bellvitge
<b>Basic Techniques in Molecular Biology</b>	2.5	MBM	04/03/2010-12/03/2010 every day 15:30-19:30	Faculty of Medicine, Campus Bellvitge
<b>Advanced Simulation Methods</b>	5	MFC	26/02/09-28/05/2009 Wednesday and Friday 12:10-14:00 (2008/09 schedule)	Classroom V15P, Faculty of Physics
<b>Complex Systems</b>	5	MFC	26/02/09-28/05/2009 Tuesday and Thursday 10:10-12:00 (2008/09 schedule)	UPC
<b>Colloidal Systems</b>	2.5	MNN	25/02/2010-27/05/2010 Thursday 17:10-19:00	Seminar room 325, 3rd floor, Faculty of Physics
<b>Physical and Chemistry of Biosystems</b>	2.5	MNN	22/02/2010-17/05/2010 Monday 15:10-17:00	Seminar room 325, 3rd floor, Faculty of Physics
<b>Principles and Techniques in Instrumental Analysis</b>	5	MEB	to be determined	

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MEB = Master in Biomedical Engineering (<http://www.ub.edu/masteroficial/enginybiomed/>)

MFC = Master in Computacional and Applied Physics ([dfa.upc.es/masterFCiA/](http://dfa.upc.es/masterFCiA/))

MNN = Master in Nanoscience and Nanotechnology ([www2.ub.edu/nanotec/](http://www2.ub.edu/nanotec/))