



MASTER IN PHOTONICS
and
MASTER EUROPHOTONICS-POESII

TIMETABLE for ACADEMIC YEAR 2016/2017

STARTING DATE: MSc. in Photonics: **12/09/2016** (registration before September 9th)
MSc. Europhotonics: **10/10/2016** (registration before October 7th)

TEACHING BLOCKS and HOLIDAYS:

Lectures (common for both Masters) are grouped into **4 teaching blocks:**

Block 1: 12/09 - 4/12 2016 (for the MSc. in Photonics)
10/10 - 4/12 2016 (for the MSc. Europhotonics)

Compulsory courses start on 12/09/2016 (10 teaching weeks)

Elective courses start on 10/10/2016 (6 teaching weeks)

free days:

12/10

1/11

Block 2: 5/12/2016- 12/02/2017 (for both Masters).

Christmas holidays: 24/12/2016 - 5/01/2017

free days:

6 and 8/12

Block 3: 13/02 - 9/04/2017 (for both Master).

Easter holidays: 10-17/04/2017

Block 4 (MSc Thesis): 18/04 - 10/09/2017 (for both Master).

Summer holidays may be taken in August (if the MSc work is advanced enough).

free days:

1/05/2017

24/06/2017

GENERAL VIEW

MSc in PHOTONICS & EUROPHOTONICS (2016/2017)

SEPTEMBER 2016						
Mo	Tu	We	Th	Fr	Sa	Su
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	15
26	27	28	29	30		

OCTOBER 2016						
Mo	Tu	We	Th	Fr	Sa	Su
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

NOVEMBER 2016						
Mo	Tu	We	Th	Fr	Sa	Su
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

DECEMBER 2016						
Mo	Tu	We	Th	Fr	Sa	Su
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JANUARY 2017						
Mo	Tu	We	Th	Fr	Sa	Su
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

FEBRUARY 2017						
Mo	Tu	We	Th	Fr	Sa	Su
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

MARCH 2017						
Mo	Tu	We	Th	Fr	Sa	Su
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

APRIL 2017						
Mo	Tu	We	Th	Fr	Sa	Su
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

MAY 2017						
Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

JUNE 2017						
Mo	Tu	We	Th	Fr	Sa	Su
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

JULY 2017						
Mo	Tu	We	Th	Fr	Sa	Su
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

AUGUST 2017						
Mo	Tu	We	Th	Fr	Sa	Su
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SEPTEMBER 2017						
Mo	Tu	We	Th	Fr	Sa	Su
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

TEACHING WEEK
EXAMS WEEK
ACTIVITIES WEEK
MSc THESIS
HOLIDAYS & NON-WORKING DAYS

Compulsory courses: from 12/09 to 20/11 2016 (10 teaching weeks)

First 3 weeks (12/09 – 2/10): compulsory courses

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
11:00-12:00			SEMINARS		
12:00-13:00			AULA - N07P		
13:00-14:00					
14:00-15:00	INTRODUCTION TO PHOTONICS room – A1 Centre Recerca Matematica (CRM) Facultat de Ciències	SEMINARS AND SKILLS room – A1 (CRM) CANCELED!!! (TO BE RESCHADULE)	INTRODUCTION TO PHOTONICS room - A1 (CRM)	INTRODUCTION TO PHOTONICS room - A1 (CRM)	
15:00-16:00					
16:00-17:00	BEAM PROPAGATION AND FOURIER OPTICS room – A1 (CRM)		BEAM PROPAGATION AND FOURIER OPTICS room - A1 (CRM)	BEAM PROPAGATION AND FOURIER OPTICS room - A1 (CRM)	
17:00-18:00					
18:00-19:00					

4th week (3/10 – 9/10): compulsory courses

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
11:00-12:00			SEMINARS		
12:00-13:00			room - A1 (CRM)		
13:00-14:00					
14:00-15:00	INTRODUCTION TO PHOTONICS room - A1 (CRM)	LABORATORY 1st SESSION <i>[at several campus]</i>	INTRODUCTION TO PHOTONICS room - A1 (CRM)		LABORATORY 1st SESSION <i>[at several campus]</i>
15:00-16:00					
16:00-17:00	BEAM PROPAGATION AND FOURIER OPTICS		BEAM PROPAGATION AND FOURIER OPTICS	BEAM PROPAGATION AND FOURIER OPTICS	
17:00-18:00	room - A1 (CRM)		room - A1 (CRM)	room - A1 (CRM)	
18:00-19:00					

BLOCK 1 (Campus: Universitat Autònoma de Barcelona)

12/09 to 4/12, 2016

Compulsory courses (orange): from 12/09 to 20/11 2015 (10 teaching weeks)

Elective courses (green): from 10/10 to 20/11 2015 (6 teaching weeks)

Last 6 weeks (10/10 – 20/11): compulsory & elective courses

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
11:00-12:00			SEMINARS room A1(CRM)		
12:00-13:00					
13:00-14:00					
14:00-15:00	INTRODUCTION TO PHOTONICS room A1(CRM)	MEASURING WITH LIGHT room A1(CRM)	INTRODUCTION TO PHOTONICS room A1(CRM)	PHOTONICS MATERIALS AND METAMATERIALS room A1(CRM)	QUANTUM OPTICS room A1(CRM)
15:00-16:00					
16:00-17:00	BEAM PROPAGATION AND FOURIER OPTICS room A1(CRM)	QUANTUM OPTICS room A1(CRM)	BEAM PROPAGATION AND FOURIER OPTICS room A1(CRM)	MEASURING WITH LIGHT room A1(CRM)	BEAM PROPAGATION AND FOURIER OPTICS room A1(CRM)
17:00-18:00					
18:00-19:00	OPTOELECTRONICS & PHOTOVOLTAIC TECHNOLOGY roomA1(CRM)	FROM COOLING & TRAPPING... room A1(CRM)	OPTOELECTRONICS & PHOTOVOLTAIC TECHNOLOGY room A1(CRM)	FROM COOLING & TRAPPING... room A1(CRM)	PHOTONICS MATERIALS AND METAMATERIALS room A1(CRM)
19:00-20:00					

BLOCK 1 (Campus: Universitat Autònoma de Barcelona)

12/09 to 4/12, 2016

EXAMS: 21 to 25/11/2015

	MONDAY(21/11)	TUESDAY(22/11)	WEDNESDAY(23/11)	THURSDAY(24/11)	FRIDAY(25/11)
14:00-15:00	INTRODUCTION TO PHOTONICS Room A1(CRM)	QUANTUM OPTICS Room A1(CRM)	BEAM PROPAGATION AND FOURIER OPTICS Room A1(CRM)	PHOTONICS MATERIALS AND METAMATERIALS Room A1(CRM)	OPTOELECTRONICS & PHOTOVOLTAIC TECHNOLOGY Room A1(CRM)
15:00-16:00					
16:00-17:00					
17:00-18:00		BUILDING OPTOMECH. SYSTEMS Room A1(CRM)	FROM COOLING & TRAPPING TO BE COND. Room A1(CRM)	MEASURING WITH LIGH Room A1(CRM)	
18:00-19:00					
19:00-20:00					

ACTIVITIES WEEK: 28/11 to 2/12/2015

	MONDAY(28/11)	TUESDAY(29/11)	WEDNESDAY(30/11)	THURSDAY(1/12)	FRIDAY(2/12)
14:00-15:00	LABORATORY 2 nd SESSION <i>[at several campus]</i>	QUANTUM OPTICS & FROM COOLING & TRAPPING TO BE COND. & INTROD. PHOTONICS	BEAM PROPAGATION AND FOURIER OPTICS & OPTOELECTRONICS & PHOTOVOLTAIC DEVICES	PHOTONICS MATERIALS AND METAMATERIALS & BUILDING OPTOMECHANICAL SYSTEMS & MEASURING WITH LIGH	LABORATORY 2 nd SESSION <i>[at several campus]</i>
15:00-16:00					
16:00-17:00					
17:00-18:00					
18:00-19:00					
19:00-20:00					

(Time table for activities schaduled in the same day should be coordinated by the corresponding professors)

On 29nd, 30th of November and 1st of December several visitis to different laboratories and research centers of UB, UAB and UPC will be organized. The schadule will be announced by e-mail.

Please save the dates!

BLOCK 2 (Campus Nord: UPC)

5/12/2016 to 12/02/2017

6 TEACHING WEEKS (5/12/2016 to 31/01/2017)

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00					
11:00-12:00			SEMINARS AULA:A4204		
12:00 -13:00					
13:00-14:00					
14:00-15:00	VISUAL BIOPHOT & MULTISPECTRAL IMAGING (*) Room A5101	NONLINEAR OPTICS Room A5 101	VISUAL BIOPHOT & MULTISPECTRAL IMAGING (*) Room A5101	NONLINEAR OPTICS Room A5 101	INTEGRATED PHOTONICS Room A5101
15:00-16:00					
16:00-17:00	BUSINESS & PATENTS IN PHOTONICS (continue in BLOCK 3) Room A5101	LASER SYSTEMS & APPLICATIONS Room A5101	OPT. MICROMAN. WORKSHOP AULA:526 UB-PHYSICS	LASER SYSTEMS & APPLICATIONS Room A5101	BUSINESS & PATENTS IN PHOTONICS (continue in BLOCK 3) Room A5101
17:00-18:00					
18:00-19:00	FIBERS & TELECOM Room A5101	INT. PHOTONICS Room A5101			FIBERS & TELECOM Room A5101
19:00-20:00					

() These pairs of curses overlap in time. They can not be chosen simultaneously.*

BLOCK 2 (Campus Nord: UPC)

5/12/2015 to 12/02/2016

EXAMS: 1-3/02/2017

	MONDAY(30/01)	TUESDAY(31/01)	WEDNESDAY(1/02)	THURSDAY(2/02)	FRIDAY(3/02)		
14:00-15:00	Recovery day for 6 & 8/12	Recovery day for 6 & 8/12	ADV. QUANTUM OPTICS WITH APPLICATIONS Room: A4206	NONLINEAR OPTICS Room A5101	INT. PHOTONICS Room A5101		
15:00-16:00							
16:00-17:00			Recovery day for 6 & 8/12	Recovery day for 6 & 8/12	VISUAL BIOPHOT & MULTISPECTRAL IMAGING Room A5101	LASER SYSTEMS & APPLICATIONS Room A5101	
17:00-18:00							
18:00-19:00							
19:00-20:00					OPT. MICROMAN. WORKSHOP AULA:526 UB-PHYSICS		

ACTIVITIES WEEK: 6 to 12/02/2016

	MONDAY(6/02)	TUESDAY(7/02)	WEDNESDAY(8/02)	THURSDAY(9/02)	FRIDAY(10/02)
14:00-15:00	LABORATORY 3 st SESSION [at several campus]	NONLINEAR OPTICS & LASER SYSTEMS & APPL & BUSINESS & PATTENTS	INTEGRATED PHOT. & FIBERS AND TELECOM	VISUAL BIOPHOT. & ADV. QUANTUM OPTICS	LABORATORY 3 st SESSION [at several campus]
15:00-16:00					
16:00-17:00					
17:00-18:00					
18:00-19:00					
19:00-20:00					

(Time table for activities scheduled in the same day should be coordinated by the corresponding professors)

BLOCK 3 (Campus Nord of UPC)

13/02 to 9/04/2017

6 TEACHING WEEKS (13/02 to 26/03/2017)

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
11:00-12:00			SEMINARS AULA: A4204		
12:00 -13:00					
13:00-14:00					
14:00-15:00	QUANTUM SIMULATORS room A5101	ULTRAFAST & ULTRAINTEENSE LASER LIGHT Room A5101	QUANTUM SIMULATORS room A5101	ULTRAFAST & ULTRAINTEENSE LASER LIGHT Room A5101	EXPERIMENTAL OPTICAL TECHNIQUES IN BIOLOGY AULA: ICFO-laboratory
15:00-16:00	MANAGING LIGHT WITH DEVICES Room A4206		MANAGING LIGHT WITH DEVICES Room A4206		
16:00-17:00	BUSINESS AND PATENTS IN PHOTONICS This course ends on 14/03 Room A5101	QUANTUM INFORMATION THEORY Room A5101	BUSINESS AND PATENTS IN PHOTONICS This course ends on 14/03 Room A5101	QUANTUM INFORMATION THEORY Room A5101	
17:00-18:00		IMAGE PROC. IN BIOPHOTONICS Room A4206		IMAGE PROC. IN BIOPHOTONICS Room A4206	
18:00-19:00	NANOPHOTONICS Room A5101	PHOTONIC SYST. IN TELECOM Room A5101	NANOPHOTONICS Room A5101	PHOTONIC SYST. IN TELECOM Room A5101	
19:00-20:00					

() These pairs of curses overlap in time. They can not be chosen simultaneously.*

BLOCK 3 (Campus Nord of UPC)

20/02 to 21/04/2017

EXAMS: 27/03 to 31/03/2017

	MONDAY(27/03)	TUESDAY(28/03)	WEDNESDAY(29/03)	THURSDAY(30/03)	FRIDAY(31/03)
14:00-15:00	BUSINESS AND PATENTS IN PHOTONICS Room A5101	ULTRAFAST & ULTRAIINTENSE LASER LIGHT Room A5101	QUANTUM SIMULATORS	PHOTONICS SYST. IN TELECOM Room A5101	EXPERIMENTAL OPTICAL TECHNIQUES IN BIOLOGY Room A5101
15:00-16:00			MANAGING LIGHT WITH DEVICES Room A4206		
16:00-17:00					
17:00-18:00		IMAGE PROC. IN BIOPHOTONICS Room A5101	NANOPHOTONICS Room A5101	QUAUTUM INF. THEORY Room A5101	
18:00-19:00					
19:00-20:00					

ACTIVITIES WEEK (3/04 to 7/04/2017)

	MONDAY(3/04)	TUESDAY(4/04)	WEDNESDAY(5/04)	THURSDAY(6/04)	FRIDAY(7/04)		
14:00-15:00		MANAGING LIGHT WITH DEVICES & NANOPHOTONICS & QUANTUM SIMULATORS	ULTRAFAST & ULTRAIINT. LASER LIGHT & PHOTONICS SYST. IN TELECOM	QUANTUM INFORMATION & EXPERIMENTAL OPTICAL TECHNIQUES IN BIOLOGY & IMAGE PROC. IN BIOPHOTONICS			
15:00-16:00	LABORATORY 4 st SESSION <i>[at several campus]</i>						LABORATORY 4 st SESSION <i>[at several campus]</i>
16:00-17:00							
17:00-18:00							
18:00-19:00							
19:00-20:00							

(Time table for activities schaduled in the same day should be coordinated by the corresponding professors)

29/04 – 1/04, Barcelona, Spain

Spring school: about Photonics Engineering, Nanophotonics and Biophotonics

Organized by the Europhotonics MSc. and Doctorate Programs (students of the Master in Photonics are also invited).

BLOCK 4

18/04/2017 to July or to September 2017

- Master Thesis Project

BLOCK 4 is devoted mainly to the Master Thesis work

Final oral defense sessions will be organized in **July & September (before 10th September)**

GENERAL ASPECTS

<u>LABORATORY:</u>	• SESSION 1:	October 4 th & 7 th , 2016
	• SESSION 2:	November 28 th & 2 th December, 2016
	• SESSION 3:	February 6 th & 11 th , 2017
	• SESSION 4:	April 3 th & 7 th , 2017
	• Recovery:	April 18 th & 21 th , 2017

SEMINARS:

A slot of **2 hours/week** (on Wednesday from 11 to 13h) are reserved for **seminars** given by internationally well-known invited professors and researchers as well as specialists in different fields of applied photonics coming from companies. These seminars will be announced few weeks in advance and there will be held in Campus Nord, when possible. They are part of the Master program and the assistance is compulsory.

EXAMS AND EVALUATION PRECEDURE:

Professors of each course decide the evaluation procedure, as pointed out in the Course Contents.

The evaluation acts (exams, presentations,...) will be done within the scheduled "Exam week" at the end of each teaching block. Nevertheless, exceptionally, some evaluation act could be performed outside those scheduled times if professor and students agree on that.

OTHER POSSIBLE CIRCUMSTANCES

If, exceptionally, some unexpected circumstance appears, which obliges to cancel some lecture session, or some special activity is planned, it could be performed outside the scheduled, if professor and students agree.