



POLITÉCNICA



Máster Universitario en Energía Solar Fotovoltaica  
Universidad Politécnica de Madrid

# Academic Plan

# Provisional

First Semester • Course 2017-2018

June 2017





POLITÉCNICA



## MÁSTER UNIVERSITARIO EN ENERGÍA SOLAR FOTOVOLTAICA

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## MÁSTER UNIVERSITARIO EN ENERGÍA SOLAR FOTOVOLTAICA

### CALENDAR COURSE 2017-2018 - FIRST SEMESTER

Week	Month	M	T	W	Th	F	Sa	Su	Comments
	SEPTEMBER					1	2	3	
		4	5	6	7	8	9	10	
		11	12	13	14	15	16	17	14 WELCOME DAY
1		18	19	20	21	22	23	24	18 1st semester begins
2		25	26	27	28	29	30	1	25 School-holiday
3	OCTOBER	2	3	4	5	6	7	8	
4		9	10	11	12	13	14	15	12 Holiday
5		16	17	18	19	20	21	22	
6		23	24	25	26	27	28	29	
7		30	31	1	2	3	4	5	1 Holiday
8	NOVEMBER	6	7	8	9	10	11	12	9 Holiday
9		13	14	15	16	17	18	19	
10		20	21	22	23	24	25	26	
11		27	28	29	30	1	2	3	
12	DECEMBER	4	5	6	7	8	9	10	6, 8 Holidays; 7 UPM-holiday
13		11	12	13	14	15	16	17	
14		18	19	20	21	22	23	24	23 Beginning of Christmas holidays
		25	26	27	28	29	30	31	
	JANUARY	1	2	3	4	5	6	7	
17		8	9	10	11	12	13	14	8-23 Exam period 1 <sup>st</sup> semester
18		15	16	17	18	19	20	21	
19		22	23	24	25	26	27	28	26 Holiday
		29	30	31	1	2	3	4	29 Beginning of 2 <sup>nd</sup> semester enrolment period

Exams
Holydays (including UPM-specific)



## MÁSTER UNIVERSITARIO EN ENERGÍA SOLAR FOTOVOLTAICA

### LIST OF SUBJECTS COURSE 2017-2018 - FIRST SEMESTER

#### Compulsory subjects

Name	Symbol	ECTS
Energy & Society	<b>EyS</b>	5
Fundamentals of Solar Cells	<b>FCS</b>	4
Laboratory of Solar Cell Characterization	<b>LCCS</b>	4
PV System Engineering	<b>ISFV</b>	4

#### Elective subjects

Name	Symbol	ECTS
Physics of Photovoltaic Materials	<b>FMFV</b>	4
Electrical Engineering of PV Systems	<b>IESFV</b>	4
Optical Engineering	<b>IO</b>	4
Laboratory of Solar Cell Technology	<b>LTCS</b>	5
Seminars on Energy Affairs	<b>SEM1</b>	4



## MÁSTER UNIVERSITARIO EN ENERGÍA SOLAR FOTOVOLTAICA

### TIMETABLE

#### COURSE 2017-2018 – FIRST SEMESTER

Classrooms: **Pending**

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
9-10	LTCS	IO	FCS	FMFV	ISFV
10-11					
11-12	ISFV	FMFV	SEM1	IESFV	<i>LCCS desdoble</i>
12-13	FCS	LCCS			
13-14		IESFV			
14-15	IO			LCCS *	
15-16	EyS	LTCS	EyS		
16-17					
17-18					

\* Depending on the final number of students enrolled, several groups will be formed for the subject LCCS, including eventual laboratory sessions on Friday morning, all sessions at IES-205.

### Professors

Symbol	Coordinator and professors
<b>LTCS</b>	Carlos del Cañizo, Ignacio Tobías, David Fuertes
<b>EyS</b>	Ignacio Rey-Stolle
<b>LCCS</b>	Ignacio Rey-Stolle
<b>IO</b>	Juan Carlos Miñano
<b>FMFV</b>	César Tablero
<b>FCS</b>	Antonio Martí
<b>IESFV</b>	Jesús Fraile
<b>ISFV</b>	Miguel Ángel Egido
<b>SEM1</b>	Carlos Algora

### Symbols:

**LTCS:** Laboratory of Solar Cell Technology  
**EyS:** Energy & Society  
**LCCS:** Laboratory of Solar Cell Characterization  
**IO:** Optical Engineering  
**FMFV:** Physics of PV Materials  
**FCS:** Fundamentals of Solar Cells  
**IESFV:** Electrical Engineering of PV Systems  
**ISFV:** PV System Engineering  
**SEM1:** Seminars on Energy Affairs



## MÁSTER UNIVERSITARIO EN ENERGÍA SOLAR FOTOVOLTAICA

### EXAMS

#### COURSE 2017-2018 – FIRST SEMESTER

#### List of subjects

Name	Examination date
Laboratory of Solar Cell Technology	Monday, 8/1/2018
Seminars on Energy Affairs	Tuesday, 9/1/2018
Physics of PV Materials	Wednesday, 10/1/2018
Optical Engineering	Thursday, 11/1/2018
Electrical Engineering of PV Systems	Friday, 12/1/2018
Fundamentals of Solar Cells	Monday, 15/1/2018
Energy & Society	Tuesday, 16/1/2018
Laboratory of Solar Cell Characterization	Wednesday, 17/1/2018
PV System Engineering	Thursday, 18/1/2018

#### Calendar

January 2018				
Monday 8th	Tuesday 9th	Wednesday 10th	Thursday 11th	Friday 12th
Laboratory of Solar Cell Technology	Seminars on Energy Affairs	Physics of PV Materials	Optical Engineering	Electrical Engineering of PV Systems
Lunes 15	Martes 16	Miércoles 17	Jueves 18	
Fundamentals of Solar Cells	Energy & Society	Laboratory of Solar Cell Characterization	PV System Engineering	

All exams will be programmed in morning sessions.