

FIRST TRIMESTER (SEPTEMBER 10 TO DECEMBER 7)

Common obligatory courses:

32880 - Gravitation (GRA): Coordinators: Tomás Ortín and Rosa Domínguez Tenreiro

Obligatory courses for the specialty “Elementary Physics and Cosmology”:

32550 - Quantum Field Theory (QFT): Coordinator: José L. F. Barbón

Optional courses orientated to the specialty of “Elementary Particles and Cosmology”:

32559 - Advanced Mathematics (MAV): Coordinators: José del Peso and Fernando Marchesano

Obligatory courses for the specialty “Astrophysics and Physics of the Cosmos”:

32553 - Interstellar medium (MEIN): Coordinator: Eva Villaver

Optional courses orientated to the specialty of “Astrophysics and Physics of the Cosmos”:

32565 - Observational techniques in Astrophysics (TOA): Coordinator: Yago Ascasibar

Lectures in the Department of Theoretical Physics (Aula 01.08.SS.300)	M-8-300
Lectures in the Institute of Theoretical Physics (IFT)	Room “GRIS 2”

WEEK FROM SEPTEMBER 10 to 14

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	QFT	QFT			
11:00-12:00	QFT	QFT	MAV		
12:00-13:00	GRA	GRA	MAV		
13:00-14:00	GRA	MAV	GRA		
15:00-16:00			MEIN	MEIN	
16:00-17:00			MEIN	MEIN	

WEEK FROM SEPTEMBER 17 TO 21

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	QFT	QFT			
11:00-12:00	QFT	QFT	MAV		
12:00-13:00	GRA	GRA	MAV	TOA ¹	TOA
13:00-14:00	GRA	MAV	GRA	TOA	TOA
15:00-16:00			MEIN	MEIN	
16:00-17:00			MEIN	MEIN	

WEEK FROM SEPTEMBER 24 TO 28

¹In addition to the classes listed for TOA, observations at the UAM Observatory and the Centro Astronómico Hispano-Alemán in Calar Alto, Almería are also part of the course. The precise dates depend on several factors, including meteorology, but will be carried out in October-November (one/two evenings) and February-March (one weekend), respectively. The practical sessions will take place at the Observatory (Modulo 15, UAM).

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	QFT	QFT			
11:00-12:00	QFT	QFT	MAV		
12:00-13:00	GRA	GRA	MAV	TOA	TOA
13:00-14:00	GRA	MAV	GRA	TOA	TOA
15:00-16:00			MEIN	MEIN	
16:00-17:00			MEIN	MEIN	

WEEK FROM OCTOBER 1 TO 5

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	QFT	QFT			
11:00-12:00	Inauguration of Masters in Sciences 11:30 – 13:30	QFT	MAV		
12:00-13:00		GRA	MAV	TOA	TOA
13:00-14:00		MAV	GRA	TOA	TOA
15:00-16:00	GRA		MEIN	MEIN	
16:00-17:00	GRA		MEIN	MEIN	

WEEK FROM OCTOBER 8 TO 12

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	QFT	QFT			HOLIDAY
11:00-12:00	QFT	QFT	MAV		
12:00-13:00	GRA	GRA	MAV		
13:00-14:00	GRA	MAV	GRA		
15:00-16:00			MEIN	MEIN	
16:00-17:00			MEIN	MEIN	

WEEK FROM OCTOBER 15 TO 19

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	QFT	QFT			
11:00-12:00	QFT	QFT	MAV		
12:00-13:00	GRA	GRA	MAV	TOA	TOA
13:00-14:00	GRA	MAV	GRA	TOA	TOA
15:00-16:00			MEIN	MEIN	
16:00-17:00			MEIN	MEIN	

WEEK FROM OCTOBER 22 TO 26

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	QFT	QFT			
11:00-12:00	QFT	QFT	MAV		
12:00-13:00	GRA	GRA	MAV	TOA	TOA
13:00-14:00	GRA	MAV	GRA	TOA	TOA
15:00-16:00			MEIN	MEIN	
16:00-17:00			MEIN	MEIN	

WEEK FROM OCTOBER 29 TO NOVEMBER 2

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	QFT	QFT		HOLIDAY	
11:00-12:00	QFT	QFT	MAV		
12:00-13:00	GRA	GRA	MAV		
13:00-14:00	GRA	MAV	GRA		
15:00-16:00			MEIN		
16:00-17:00			MEIN		

WEEK FROM NOVEMBER 5 TO 9

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	QFT	QFT			HOLIDAY
11:00-12:00	QFT	QFT	MAV		
12:00-13:00	GRA	GRA	MAV	TOA	
13:00-14:00	GRA	MAV	GRA	TOA	
15:00-16:00			MEIN	MEIN	
16:00-17:00			MEIN	MEIN	

WEEK FROM NOVEMBER 12 TO 16

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	QFT	QFT			HOLIDAY
11:00-12:00	QFT	QFT	MAV		
12:00-13:00	GRA	GRA	MAV	TOA	
13:00-14:00	GRA	MAV	GRA	TOA	
15:00-16:00			MEIN	MEIN	
16:00-17:00			MEIN	MEIN	

WEEK FROM NOVEMBER 19 TO 23

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	QFT	QFT			
11:00-12:00	QFT	QFT	MAV		
12:00-13:00	GRA	GRA	MAV	TOA	TOA
13:00-14:00	GRA	MAV	GRA	TOA	TOA
15:00-16:00			MEIN	MEIN	
16:00-17:00			MEIN	MEIN	

WEEK FROM NOVEMBER 26 TO 30 - EVALUATION

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
morning	GRA		MAV	MEIN	

WEEK FROM DECEMBER 3 TO 7 - EVALUATION

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
morning	QFT			HOLIDAY	

Deadline for submission of final marks is FEBRUARY 5th, 2019

SECOND TRIMESTER (DECEMBER 10 TO MARCH 22)

Common obligatory courses:

32549 - *Cosmology (COSMO)*: Coordinators: Alexander Knebe and Savvas Nesseris

Obligatory courses for the specialty “Elementary Physics and Cosmology”

32879 - *Standard Model of Particle Physics (SM)*: Coordinators: María José Herrero and Carlos Pena Ruano

SM- Block I: 10 Dec 2017 to 15 Jan 2018 (Maria J. Herrero)

SM-Block II: 16 Jan 2018 to 05 Feb 2018 (Carlos Pena)

SM-Block III: 06 Feb 2018 to 26 Feb 2018 (Maria J. Herrero)

SM-Block IV: 27 Feb 2018 to 06 Mar 2018 (Carlos Pena)

Optional courses orientated to the specialty of “Elementary Particles and Cosmology”

32558 - *Advanced Quantum Field Theory (AQFT)*: Coordinator: Margarita García Pérez

32562- *Quantum Entanglement and Information (QEI)*: Coordinator: German Sierra

Obligatory courses for the specialty “Astrophysics and Physics of the Cosmos”

32554 - *Radiative processes in astrophysics (PRA)*: Coordinator: Ángeles Díaz

32552 - *Stellar Structure and Evolution (EEE)*: Coordinator: Patricia Sánchez-Blázquez

Lectures (Aula 01.08.SS.300)	M-8-300
Lectures in the Institute of Theoretical Physics (IFT)	Room “GRIS 2”
Lectures in the Institute of Theoretical Physics (IFT)	Room “GRIS 1”

WEEK FROM DECEMBER 10 TO 14

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-10:00		AQFT	AQFT		
10:00-11:00		AQFT	AQFT		PRA
11:00-12:00	SM	SM	SM		PRA
12:00-13:00	COSMO	COSMO	SM		EEE
13:00-14:00	COSMO	COSMO			EEE
15:00-16:00		QEI	QEI		
16:00-17:00		QEI	QEI		

WEEK FROM DECEMBER 17 TO 21

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-10:00		AQFT	AQFT		
10:00-11:00		AQFT	AQFT		PRA
11:00-12:00	SM	SM	SM		PRA
12:00-13:00	COSMO	COSMO	SM		EEE
13:00-14:00	COSMO	COSMO			EEE
15:00-16:00		QEI	QEI		
16:00-17:00		QEI	QEI		

WEEKS FROM DECEMBER 24 TO JANUARY 4

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	HOLIDAY				

WEEK FROM JANUARY 7 TO 12

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
9:00-10:00	HOLIDAY	AQFT	AQFT			
10:00-11:00		AQFT	AQFT		PRA	
11:00-12:00		SM	SM		PRA	
12:00-13:00		COSMO	SM	PRA	EEE	
13:00-14:00		COSMO		PRA	EEE	
15:00-16:00			QEI	QEI		
16:00-17:00			QEI	QEI		

WEEK FROM JANUARY 14 TO 18

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-10:00		AQFT	AQFT		
10:00-11:00		AQFT	AQFT		PRA
11:00-12:00	SM	SM	SM		PRA
12:00-13:00	COSMO	COSMO	SM	PRA	EEE
13:00-14:00	COSMO	COSMO		PRA	EEE
15:00-16:00	EEE	QEI	QEI		
16:00-17:00	EEE	QEI	QEI		

WEEK FROM JANUARY 21 TO 25

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-10:00		AQFT	AQFT		HOLIDAY
10:00-11:00	QEI	AQFT	AQFT		
11:00-12:00	QEI		SM		
12:00-13:00	COSMO	COSMO	SM		
13:00-14:00	COSMO	COSMO			
15:00-16:00	EEE	SM	QEI		
16:00-17:00	EEE	SM	QEI		

WEEK FROM JANUARY 28 TO FEBRUARY 1

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-10:00		AQFT	AQFT		
10:00-11:00	QEI	AQFT	AQFT		PRA
11:00-12:00	QEI		SM		PRA
12:00-13:00	COSMO	COSMO	SM	PRA	EEE
13:00-14:00	COSMO	COSMO		PRA	EEE
15:00-16:00	EEE	SM	QEI		
16:00-17:00	EEE	SM	QEI		

WEEK FROM FEBRUARY 4 TO 8

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-10:00		AQFT	AQFT		
10:00-11:00	QEI	AQFT	AQFT		PRA
11:00-12:00	QEI		SM		PRA
12:00-13:00	COSMO	COSMO	SM	PRA	EEE
13:00-14:00	COSMO	COSMO		PRA	EEE
15:00-16:00	EEE	SM	QEI		
16:00-17:00	EEE	SM	QEI		

WEEK FROM FEBRUARY 11 TO 15

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-10:00		AQFT	AQFT		
10:00-11:00		AQFT	AQFT		PRA
11:00-12:00	SM	SM	SM		PRA
12:00-13:00	COSMO	COSMO	SM	PRA	EEE
13:00-14:00	COSMO	COSMO		PRA	EEE
15:00-16:00	EEE	QEI	QEI		
16:00-17:00	EEE	QEI	QEI		

WEEK FROM FEBRUARY 18 TO 22

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-10:00		AQFT	AQFT		
10:00-11:00		AQFT	AQFT		PRA
11:00-12:00	SM	SM	SM		PRA
12:00-13:00	COSMO	COSMO	SM	PRA	EEE
13:00-14:00	COSMO	COSMO		PRA	EEE
15:00-16:00	EEE	QEI	QEI		
16:00-17:00	EEE	QEI	QEI		

WEEK FROM FEBRUARY 25 TO MARCH 1

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-10:00		AQFT	AQFT		
10:00-11:00		AQFT	AQFT		PRA
11:00-12:00	SM	SM	SM		PRA
12:00-13:00	COSMO	COSMO	SM	PRA	EEE
13:00-14:00	COSMO	COSMO		PRA	EEE
15:00-16:00	EEE	QEI	QEI		
16:00-17:00	EEE	QEI	QEI		

WEEK FROM MARCH 4 TO 8

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-10:00		AQFT	AQFT		
10:00-11:00	QEI	AQFT	AQFT		PRA
11:00-12:00	QEI		SM		PRA
12:00-13:00	COSMO	COSMO	SM	PRA	EEE
13:00-14:00	COSMO	COSMO		PRA	EEE
15:00-16:00	EEE	SM	QEI		
16:00-17:00	EEE	SM	QEI		

WEEK FROM MARCH 11 TO 15 - EVALUATION

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
morning		COSMO	AQFT	PRA	

WEEK FROM MARCH 18 TO 22 - EVALUATION

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
morning			QEI	EEE	
afternoon	SM				

Deadline for second trimester and final marks submission: June 5, 2019

THIRD TRIMESTER (MARCH 25 TO MAY 31)

Optional courses for both specialties:

32555 - *Astroparticle Physics (ASP)*: Coordinators: David G. Cerdeño and Miguel Sanchez-Conde

32556 - *Advanced Cosmology (COAv)*: Coordinator: Gustavo Yepes

Optional courses orientated to the specialty of "Elementary Particles and Cosmology":

32560 - *Open Problems in the Standard Model (OPSM)*: Coordinator: Enrique Fernández Martínez

32561 - *Experimental Particle Physics (FISExp)*: Coordinators: Jorge de Troconiz, Claudia Glasman, Juan Terrón

Optional courses orientated to the specialty of "Astrophysics and Physics of the Cosmos":

32566 - *Computational Astrophysics (ACO)*: Coordinator: Alexander Knebe

32563 - *Galaxy Formation and Evolution (FEG)*: Coordinator: Rosa Domínguez

Lectures Faculty of Science (Aula 01.08.SS.300) ("FISExp": Aula 01.15.SS.300)	M-8-300 (M-15-300)
Lectures in the Institute of Theoretical Physics (IFT)	Room "GRIS 2"

WEEK FROM MARCH 25 TO 29

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	ASP	ASP	CoAV	CoAV	FEG
11:00-12:00	ASP	ASP	CoAV	CoAV	FEG
12:00-13:00	OPSM	OPSM	OPSM	ACO	ACO
13:00-14:00				ACO	ACO
15:00-16:00	FISExp	FISExp	FISExp	FEG	
16:00-17:00	FISExp	FISExp	FISExp	FEG	

WEEK FROM APRIL 1 TO 5

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	ASP	ASP	CoAV	CoAV	FEG
11:00-12:00	ASP	ASP	CoAV	CoAV	FEG
12:00-13:00	OPSM	OPSM	OPSM	ACO	ACO
13:00-14:00				ACO	ACO
15:00-16:00		FISExp	FISExp	FEG	
16:00-17:00		FISExp	FISExp	FEG	

WEEK FROM APRIL 8 TO 12

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	ASP	ASP	CoAV	CoAV	FEG
11:00-12:00	ASP	ASP	CoAV	CoAV	FEG
12:00-13:00	OPSM	OPSM	OPSM	ACO	ACO
13:00-14:00				ACO	ACO
15:00-16:00		FISExp	FISExp	FEG	
16:00-17:00		FISExp	FISExp	FEG	

WEEK FROM APRIL 15 TO 19

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	HOLIDAY				

WEEK FROM APRIL 22 TO 26

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
10:00-11:00	HOLIDAY	ASP	CoAV	CoAV	FEG	
11:00-12:00		ASP	CoAV	CoAV	FEG	
12:00-13:00		OPSM	OPSM	ACO	ACO	
13:00-14:00				ACO	ACO	
15:00-16:00			FISExp	FISExp	FEG	
16:00-17:00			FISExp	FISExp	FEG	

WEEK FROM APRIL 29 TO MAY 3

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	ASP	ASP	HOLIDAY	HOLIDAY	FEG
11:00-12:00	ASP	ASP			FEG
12:00-13:00	OPSM	OPSM			ACO
13:00-14:00					ACO
15:00-16:00					
16:00-17:00					

FISExp: personal work

WEEK FROM MAY 6 TO 10

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	ASP	ASP	CoAV	CoAV	FEG
11:00-12:00	ASP	ASP	CoAV	CoAV	FEG
12:00-13:00	OPSM	OPSM	OPSM	ACO	ACO
13:00-14:00				ACO	ACO
15:00-16:00				FEG	
16:00-17:00				FEG	

FISExp: personal work

WEEK FROM MAY 13 TO 17

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	ASP	ASP	HOLIDAY	CoAV	FEG
11:00-12:00	ASP	ASP		CoAV	FEG
12:00-13:00	OPSM	OPSM		ACO	ACO
13:00-14:00				ACO	ACO
15:00-16:00				FEG	
16:00-17:00				FEG	

FISExp: personal work

WEEK FROM MAY 20 TO 24

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00-11:00	ASP	ASP	CoAV	CoAV	FEG
11:00-12:00	ASP	ASP	CoAV	CoAV	FEG
12:00-13:00	OPSM	OPSM	OPSM	ACO	ACO
13:00-14:00				ACO	ACO
15:00-16:00				FEG	
16:00-17:00				FEG	

FISExp: personal work

WEEK FROM MAY 27 TO 31 - EVALUATION

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
morning	OPSM	COAv	ASP	ACO	FEG
afternoon			FISExp		

Deadline for second semester and final marks submission: june 5, 2019
MASTER PROJECT

Ordinary call: (before JULY 12, 2019)

Deadline for final marks submission: JULY 16, 2019

FINAL EVALUATION (SECOND CALL)

WEEK FROM JUNE 10 TO 15

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
MORNING	GRA	QFT	MAV	MEIN	TOA
AFTERNOON					

WEEK FROM JUNE 17 TO 22

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
MORNING	SM	COSMO	AQFT	PRA	EEE
AFTERNOON					

WEEK FROM JUNE 24 TO 29

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
MORNING	ASP	COAv	OPSM	FEG	ACO
AFTERNOON					

WEEK FROM JULY 2 TO 6

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
MORNING	QEI	FISExp			
AFTERNOON					

Deadline for final marks submission JULY 5, 2019

MASTER PROJECT

Second call: (before SEPTEMBER 25, 2019)

Deadline for final marks submission: SEPTEMBER 27, 2019