

MASTER IN NEUROSCIENCES: from the bench to bedside

Instituto de Neurociencias. UMH - CSIC

Timetable - Academic year 2023-24<https://in.umh-csic.es/en/formation/master-in-neuroscience/>

UMH code	COURSE	Prof. In charge
FIRST SEMESTER. October 3 - January 26		
UMH 1336 6 ECTS	Organization of the nervous system (ONS)	Dr. D. Echevarría diegoaza@umh.es
UMH 1337 6 ECTS	Genetic analysis and embryology (GAE)	Dr. L. García Alonso lgalonso@umh.es
UMH 1339 6 ECTS	Cell communication (CC)	Dr. S. Sala salvador.sala@umh.es
UMH 4157 6 ECTS	Synaptic transmission and sensory processing (STSP)	Dr. E. Geijo emilio.geijo@umh.es
UMH 2699 3 ECTS	Animal facilities and tools in neuroscience (AFTN)	Dr. E. de Puelles epuelles@umh.es

SECOND SEMESTER. January 29 - May 10

UMH 2700 3 ECTS	Functional imaging analysis (FIA)	Dr. M. Valdeolmillos miguel.valdeolmillos@umh.es
Note: part of this course will be given during the first semester (November 6-9)		
UMH 2695 3 ECTS	Neuropathology (NP)	Dr. J. Manzanares jmanzanares@umh.es
UMH 2697 3 ECTS	New therapies (NTH)	Dr. S. Martínez smartinez@umh.es

ELECTIVE COURSES

UMH 2702 4.5 ECTS	Developmental neurobiology (DB)	Dra. A. Carmena acarmena@umh.es
UMH4158 4.5 ECTS	From ionic channels to information processing: a functional approach (ICIP)	Dra. A. Gomis agomis@umh.es

ALL ACADEMIC YEAR

UMH 1335 4.5 ECTS	Neuroscience today (NT) All IN friday seminars	Dr. R. Reig ramon.reig@umh.es
UMH 2750 15 ECTS	Master research project (MRP) All academic year	Dr. H. Cabedo hugo.cabedo@umh.es

Other scientific activities that are part of the Master

IN Progress Report Workshop. November 2

IN Christmas Meeting. December 20-21

Brain Awareness Week. March 13-17

Student interchange with *Institut Pasteur* (Paris). September -October 2023

FIRST SEMESTER. October 33 - January 26

UMH 1336 Organization of the nervous system (ONS)

UMH 1337 Genetic analysis end embryology (GAE)

UMH 1339 Cell communication (CC)

UMH 4157 Synaptic transmission and sensory processing (STSP)

UMH 1699 Animal facilities and tools in neuroscience (AFTN)

UMH 1335 Neuroscience today (NT)

UMH 2750 Master research project (MRP)

		Monday 2/10/2023	Tuesday 3/10/2023	Wednesday 4/10/2023	Thursday 5/10/2023	Friday 6/10/2023
9:00	9:50					
10:00	10:50		MASTER PRESENTATION			
11:00	11:50					
12:30	14:00					
15:30	17:00			ONS		ONS
17:00	17:30					
17:30	19:00		ONS	ONS		ONS

		Monday 9/10/2023	Tuesday 10/10/2023	Wednesday 11/10/2023	Thursday 12/10/2023	Friday 13/10/2023	
9:00	9:50	HOLIDAY 9 de Octubre			HOLIDAY 12 de Octubre		
10:00	10:50						
11:00	11:50		IN				
			Progress Report Workshop				
12:30	14:00						
15:30	17:00			ONS		ONS	
17:00	17:30						
17:30	19:00		ONS	ONS			

		Monday 16/10/2023	Tuesday 17/10/2023	Wednesday 18/10/2023	Thursday 19/10/2023	Friday 20/10/2023
9:00	9:50					
10:00	10:50					
11:00	11:50		IN			
			Progress Report Workshop			
12:30	14:00					SEMINAR (NT)
15:30	17:00		ONS	ONS	ONS	ONS
17:00	17:30					
17:30	19:00		ONS	ONS	ONS	ONS

		Monday	Tuesday	Wednesday	Thursday	Friday
		23/10/2023	24/10/2023	25/10/2023	26/10/2023	27/10/2023
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:30	14:00	SEMINAR (NT)				
15:30	17:00		ONS	ONS		
17:00	17:30					
17:30	19:00		ONS	ONS		

		Monday	Tuesday	Wednesday	Thursday	Friday
		30/10/2023	31/10/2023	1/11/2023	2/11/2023	3/11/2023
9:00	9:50					
10:00	10:50	ONS	ONS	HOLIDAY Festividad de Todos los Santos		
11:00	11:50	Practicum	Practicum			
12:30	14:00	SEMINAR (NT)				
15:30	17:00				GAE (presentation)	GAE
17:00	17:30					
17:30	19:00				GAE	GAE

		Monday	Tuesday	Wednesday	Thursday	Friday
		6/11/2023	7/11/2023	8/11/2023	9/11/2023	10/11/2023
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:30	14:00	SEMINAR (NT)				
15:30	17:00	FIA	FIA	FIA	FIA	
17:00	17:30					
17:30	19:00	FIA	FIA	FIA	FIA	

Note: the sessions of this week are the block on magnetic resonance imaging of the course "Functional imaging analysis".

		Monday	Tuesday	Wednesday	Thursday	Friday
		13/11/2023	14/11/2023	15/11/2023	16/11/2023	17/11/2023
9:00	9:50					
10:00	10:50	EXAM				
11:00	11:50	ONS				
12:30	14:00	SEMINAR (NT)				
15:30	17:00		GAE	GAE	GAE	GAE
17:00	17:30					
17:30	19:00		GAE	GAE	GAE	GAE

		Monday	Tuesday	Wednesday	Thursday	Friday
		20/11/2023	21/11/2023	22/11/2023	23/11/2023	24/11/2023
9:00	9:50	GAE Practicum GAE Practicum				
10:00	10:50					
11:00	11:50					
12:30	14:00	SEMINAR (NT)				
15:30	17:00	GAE	GAE	CC (presentation)	CC	
17:00	17:30					
17:30	19:00	GAE	GAE	CC	CC	

		Monday	Tuesday	Wednesday	Thursday	Friday
		27/11/2023	28/11/2023	29/11/2023	30/11/2023	1/12/2023
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:30	14:00	SEMINAR (NT)				
15:30	17:00		CC	CC	CC	CC
17:00	17:30					
17:30	19:00		CC	CC	CC	CC

		Monday	Tuesday	Wednesday	Thursday	Friday
		4/12/2023	5/12/2023	6/12/2023	7/10/2023	8/12/2023
9:00	9:50	EXAM GAE				
10:00	10:50					
11:00	11:50					
12:30	14:00	Holiday Día de la Constitución				
15:30	17:00	CC	CC	Holiday Inmaculada Concepción		
17:00	17:30					
17:30	19:00	CC	CC			

		Monday	Tuesday	Wednesday	Thursday	Friday
		11/12/2023	12/12/2023	13/12/2023	14/12/2023	15/12/2023
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:30	14:00	SEMINAR (NT)				
15:30	17:00		STSP (presentation)	STSP	STSP	STSP
17:00	17:30					
17:30	19:00		STSP	STSP	STSP	STSP

		Monday	Tuesday	Wednesday	Thursday	Friday	
		18/10/2023	19/12/2023	20/12/2023	21/12/2023	22/12/2023	
9:00	9:50				IN	IN	
10:00	10:50	EXAM CC					
11:00	11:50						
12:30	14:00			CHRISTMAS MEETING			CHRISTMAS MEETING
15:30	17:00	STSP	STSP				
17:00	17:30						
17:30	19:00	STSP	STSP				

		Monday	Tuesday	Wednesday	Thursday	Friday

		Monday	Tuesday	Wednesday	Thursday	Friday			
		1/1/2024	2/1/2024	3/1/2024	4/1/2024	5/1/2024			
9:00	9:50	HOLIDAY							
10:00	10:50								
11:00	11:50								
12:30	14:00					Christmas	Christmas	Christmas	Christmas
15:30	17:00								
17:00	17:30								
17:30	19:00								

		Monday	Tuesday	Wednesday	Thursday	Friday
		8/1/2024	9/1/2024	10/1/2024	11/1/2024	12/1/2024
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:30	14:00					
15:30	17:00	STSP		STSP	AFTN (presentation)	AFTN
17:00	17:30	STSP		STSP	AFTN	AFTN
17:30	19:00	STSP		STSP	AFTN	AFTN

		Monday	Tuesday	Wednesday	Thursday	Friday
		15/1/2024	16/1/2024	17/1/2024	18/1/2024	19/1/2024
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:30	14:00					
15:30	17:00	AFTN		AFTN	AFTN	AFTN
17:00	17:30	AFTN		AFTN	AFTN	AFTN
17:30	19:00	AFTN		AFTN	AFTN	AFTN

		Monday	Tuesday	Wednesday	Thursday	Friday
		22/1/2024	23/1/2024	24/1/2024	25/12024	26/1/2024
9:00	9:50					
10:00	10:50	EXAM STSP				
11:00	11:50					
12:30	14:00					SEMINAR (NT)
15:30	17:00	AFTN	Optional course: accreditation for the use of laboratory animals in research. Practical sessions + exam (including Saturday 22, morning)			
15:30	17:00					
17:30	19:00	AFTN				

SECOND SEMESTER. January 29 - May 10

- UMH 2700 Functional imaging analysis (FIA)**
- UMH 2695 Neuropathology (NP)**
- UMH 2697 New therapies (NTH)**
- UMH 1335 Neuroscience today (NT)**
- UMH 2750 Master research project (MRP)**

ELECTIVE COURSES

- UMH 2702 Developmental neurobiology (DB)**
- UMH4158 From ionic channels to information processing (ICIP)**

		Monday	Tuesday	Wednesday	Thursday	Friday
		29/1/2024	30/1/2024	31/1/2024	1/2/2024	2/2/2024
9:00	9:50					Deadline for change elective course
10:00	10:50					
11:00	11:50					
12:30	14:00					SEMINAR (NT)
15:30	17:00		FIA (presentation)	FIA	FIA	FIA
17:00	17:30					
17:30	19:00		FIA	FIA	FIA	FIA

		Monday	Tuesday	Wednesday	Thursday	Friday
		5/2/2024	6/2/2024	7/2/2024	8/2/2024	9/2/2024
9:00	9:50					
10:00	10:50	EXAM AFTN				
11:00	11:50					
12:30	14:00					SEMINAR (NT)
15:30	17:00		FIA			NP (presentation)
17:00	17:30					
17:30	19:00		FIA			NP

		Monday	Tuesday	Wednesday	Thursday	Friday
		12/2/2024	13/2/2024	14/2/2024	15/2/2024	16/2/2024
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:30	14:00					SEMINAR (NT)
15:30	17:00		NP			NP
17:00	17:30					
17:30	19:00		NP			NP

		Monday	Tuesday	Wednesday	Thursday	Friday
		19/2/2024	20/2/2024	21/2/2024	22/2/2024	23/2/2024
9:00	9:50					
10:00	10:50	EXAM				
11:00	11:50	FIA				
12:30	14:00					SEMINAR (NT)
15:30	17:00		NP			NP
17:00	17:30					
17:30	19:00		NP			NP

		Monday	Tuesday	Wednesday	Thursday	Friday
		26/2/2024	27/2/2024	28/2/2024	29/2/2024	1/3/2024
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:30	14:00					SEMINAR (NT)
15:30	17:00		NTH (presentation)		NTH	NTH
17:00	17:30					
17:30	19:00		NTH		NTH	NTH

		Monday	Tuesday	Wednesday	Thursday	Friday
		4/3/2024	5/3/2024	6/3/2024	7/3/2024	8/3/2024
9:00	9:50					
10:00	10:50	EXAM				
11:00	11:50	NP				
12:30	14:00					
15:30	17:00					
17:00	17:30					
17:30	19:00					

		Monday	Tuesday	Wednesday	Thursday	Friday
		11/3/2024	12/3/2024	13/3/2024	14/3/2024	15/3/2024
9:00	9:50	Brain Awareness Week 2024 March 11-15				
10:00	10:50					
11:00	11:50					
12:30	14:00					
15:30	17:00					
17:00	17:30					
17:30	19:00					

		Monday	Tuesday	Wednesday	Thursday	Friday
		18/3/2024	19/3/2024	20/3/2024	21/3/2024	22/3/2024
9:00	9:50		San José	EXAM NTH		
10:00	10:50					
11:00	11:50					
12:30	14:00					
15:30	17:00					
17:00	17:30					
17:30	19:00					

		Monday	Tuesday	Wednesday	Thursday	Friday
		25/3/2024	26/3/2024	27/3/2024	28/3/2024	29/3/2024
9:00	9:50				EASTER	EASTER
10:00	10:50					
11:00	11:50					
12:30	14:00					
15:30	17:00					
17:00	17:30					
17:30	19:00					

		Monday	Tuesday	Wednesday	Thursday	Friday
		1/4/2024	2/4/2024	3/4/2024	4/4/2024	5/4/2024
9:00	9:50	EASTER				
10:00	10:50					
11:00	11:50					
12:30	14:00					
15:30	17:00					
17:00	17:30					
17:30	19:00					

Note that the dates of the elective courses are overlapped during the weeks from April 8 to April 26

Elective course: Developmental Neurobiology (DB)

		Monday	Tuesday	Wednesday	Thursday	Friday
		8/4/2024	9/4/2024	10/4/2024	11/4/2024	12/4/2024
9:00	9:50				HOLIDAY Santa Faz	
10:00	10:50					
11:00	11:50					
12:30	14:00					
15:30	17:00	DB (presentation)	DB	DB		
17:00	17:30					
17:30	19:00	DB	DB	DB		

		Monday	Tuesday	Wednesday	Thursday	Friday
		15/4/2024	16/4/2024	17/4/2024	18/4/2024	19/4/2024
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:30	14:00					SEMINAR (NT)
15:30	17:00		DB	DB	DB	DB
17:00	17:30					
17:30	19:00		DB	DB	DB	DB

Elective course: From ion channels to information processing (ICIP).

		Monday	Tuesday	Wednesday	Thursday	Friday
		8/4/2024	9/4/2024	10/4/2024	11/4/2024	12/4/2024
9:00	9:50				HOLIDAY Santa Faz	
10:00	10:50	ICIP (presentation)				
11:00	11:50	ICIP				
12:30	14:00					
15:30	17:00	ICIP	ICIP	ICIP		
17:00	17:30					
17:30	19:00	ICIP		ICIP		

		Monday	Tuesday	Wednesday	Thursday	Friday
		15/4/2024	16/4/2024	17/4/2024	18/4/2024	19/4/2024
9:00	9:50					
10:00	10:50			ICIP		
11:00	11:50			ICIP		
12:30	14:00					SEMINAR (NT)
15:30	17:00	ICIP	ICIP	ICIP	ICIP	ICIP
17:00	17:30					
17:30	19:00	ICIP	ICIP		ICIP	ICIP

		Monday	Tuesday	Wednesday	Thursday	Friday
		22/4/2024	23/4/2024	24/4/2024	25/4/2024	26/4/2024
9:00	9:50					
10:00	10:50					
11:00	11:50					
		ICIP				
		Practicum				
12:30	14:00					SEMINAR (NT)
15:30	17:00			ICIP		
17:30	19:00			Practicum		

		Monday	Tuesday	Wednesday	Thursday	Friday
		29/4/2024	30/4/2024	1/5/2024	2/5/2024	3/5/2024
9:00	9:50					
10:00	10:50					
11:00	11:50					
		1 de mayo				
12:30	14:00					
15:30	17:00					
17:30	19:00					SEMINAR (NT)

		Monday	Tuesday	Wednesday	Thursday	Friday
		6/5/2024	7/5/2024	8/5/2024	9/5/2024	10/5/2024
9:00	9:50					
10:00	10:50					
11:00	11:50					
		EXAM				
		ELECTIVE COURSES				
12:30	14:00					SEMINAR (NT)
15:30	17:00					
17:30	19:00					

		Monday	Tuesday	Wednesday	Thursday	Friday
		11/8/2024	12/5/2024	16/5/2024	14/5/2024	15/5/2024
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:30	14:00					
15:30	17:00					
17:30	19:00					

Dates to be determined:

"Neuroscience today" exam (in June)

Master Research Project presentation (in early July / early September)