

MASTER IN NEUROSCIENCES: from the bench to bedside

Instituto de Neurociencias. UMH - CSIC

Timetable - Academic year 2024-25

<https://in.umh-csic.es/en/formation/master-in-neuroscience/>

UMH code	COURSE	Prof. In charge
FIRST TERM. October 1 - January 24		
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. J. Pastor jose.pastorp@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 TERM. January 27 - May 16

UMH 2700 3 ECTS	Functional imaging analysis (FIA)	
Note: part of this course will be taught 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 Christmas Meeting. December 19-20
Brain Awareness Week. March 10-14
Student interchange with *Institut Pasteur* (Paris). September -October 2024

FIRST TERM. October 1 - January 24

UMH 1336 Organization of the nervous system (ONS)

UMH 1337 Genetic analysis end embriology (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	Tuesday	Wednesday	Thursday	Friday	
		30/9/2024	1/10/2024	2/10/2024	3/10/2024	4/10/2024	
9:00	9:50				No Lectivo Apertura Curso Bienvenida a Estudiantes		
10:00	10:50	MASTER PRESENTATION					
11:00	11:50						
12:30	14:00						
15:30	17:00	ONS (presentation)		ONS			
17:00	17:30	ONS		ONS			
17:30	19:00	ONS		ONS			

		Monday	Tuesday	Wednesday	Thursday	Friday	
		7/10/2024	8/10/2024	9/10/2024	10/10/2024	11/10/2024	
9:00	9:50				HOLIDAY 9 de Octubre		
10:00	10:50						
11:00	11:50						
				SEMINAR (NT)			
12:00	13:30						
15:30	17:00	ONS		ONS			
17:00	17:30	ONS		ONS			
17:30	19:00	ONS		ONS			

		Monday	Tuesday	Wednesday	Thursday	Friday	
		14/10/2024	15/10/2024	16/10/2024	17/10/2024	18/10/2024	
9:00	9:50				SEMINAR (NT)		
10:00	10:50						
11:00	11:50						
12:00	13:30						
15:30	17:00	ONS		ONS			
17:00	17:30	ONS		ONS			
17:30	19:00	ONS		ONS			

		Monday	Tuesday	Wednesday	Thursday	Friday	
		21/10/2024	22/10/2024	23/10/2024	24/10/2024	25/10/2024	
9:00	9:50						
10:00	10:50	ONS Practicum		ONS Practicum		SEMINAR (NT)	
11:00	11:50						
12:00	13:30						
15:30	17:00				GAE (presentation)		GAE
17:00	17:30						
17:30	19:00				GAE	GAE	

		Monday	Tuesday	Wednesday	Thursday	Friday
		28/10/2024	29/10/2024	30/10/2024	31/10/2024	1/11/2024
9:00	9:50	HOLIDAY Festividad de Todos los Santos				
10:00	10:50					
11:00	11:50					
12:00	13:30					
15:30	17:00					
17:00	17:30					
17:30	19:00	GAE	GAE	GAE	GAE	

		Monday	Tuesday	Wednesday	Thursday	Friday	
		4/11/2024	5/11/2024	6/11/2024	7/11/2024	8/11/2024	
9:00	9:50						
10:00	10:50	FIA	FIA	FIA	FIA	SEMINAR (NT)	
11:00	11:50						
		FIA	FIA	FIA	FIA		
12:00	13:30						
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
		11/11/2024	12/11/2024	13/11/2024	14/11/2024	15/11/2024
9:00	9:50					
10:00	10:50	EXAM ONS	GAE Practicum GAE Practicum			
11:00	11:50					
12:00	13:30					
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
		18/11/2024	19/11/2024	20/11/2024	21/11/2024	22/11/2024
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:00	13:30	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
		25/11/2024	26/11/2024	27/11/2024	28/11/2024	29/11/2024
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:00	13:30	SEMINAR (NT)				
15:30	17:00		CC	CC	STSP (presentation)	STSP
17:00	17:30					
17:30	19:00		CC	CC	STSP	STSP

		Monday	Tuesday	Wednesday	Thursday	Friday
		2/12/2024	3/12/2024	4/12/2024	5/12/2024	6/12/2024
9:00	9:50					
10:00	10:50	EXAM GAE				Holiday Día de la Constitución
11:00	11:50					
12:00	13:30					
15:30	17:00	STSP	STSP	STSP	STSP	
17:00	17:30					
17:30	19:00	STSP	STSP	STSP	STSP	

		Monday	Tuesday	Wednesday	Thursday	Friday
		9/12/2024	10/12/2024	11/12/2024	12/12/2024	13/12/2024
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:00	13:30	SEMINAR (NT)				
15:30	17:00	STSP	STSP	AFTN (presentation)	AFTN	AFTN
17:00	17:30					
17:30	19:00	STSP	STSP	AFTN	AFTN	AFTN

		Monday	Tuesday	Wednesday	Thursday	Friday
		16/12/2024	17/12/2024	18/12/2024	19/12/2024	20/12/2024
9:00	9:50				IN	IN
10:00	10:50	EXAM CC				
11:00	11:50					
12:00	13:30					
15:30	17:00					
17:00	17:30					
17:30	19:00					

		Monday	Tuesday	Wednesday	Thursday	Friday

		Monday	Tuesday	Wednesday	Thursday	Friday

		Monday	Tuesday	Wednesday	Thursday	Friday
		6/1/2024	7/1/2025	8/1/2024	9/1/2025	10/1/2024
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:00	13:30					SEMINAR (NT)
15:30	17:00				AFTN (presentation)	AFTN
17:00	17:30					
17:30	19:00				AFTN	AFTN

		Monday	Tuesday	Wednesday	Thursday	Friday
		13/1/2025	14/1/2025	15/1/2025	16/1/2025	17/1/2025
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	AFTN		
17:00	17:30					
17:30	19:00		AFTN	AFTN		

		Monday	Tuesday	Wednesday	Thursday	Friday
--	--	--------	---------	-----------	----------	--------

		20/1/2025	21/1/2025	22/1/2025	23/1/2025	24/1/2025
9:00	9:50					
10:00	10:50	EXAM AFTN				
11:00	11:50					
12:00	13:30					SEMINAR (NT)
15:30	17:00					
15:30	17:00					
17:30	19:00					

SECOND SEMESTER. January 27 - May 16

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
		27/1/2025	28/1/2025	29/1/2025	30/1/2025	31/1/2025
9:00	9:50		No Lectivo Sto. Tomás			Deadline for change elective course
10:00	10:50					
11:00	11:50					
12:00	13:30					SEMINAR (NT)
15:30	17:00			FIA (presentation)	FIA	FIA
17:00	17:30					
17:30	19:00			FIA	FIA	FIA

		Monday	Tuesday	Wednesday	Thursday	Friday
		3/2/2025	4/2/2025	5/2/2025	6/2/2025	7/2/2025
9:00	9:50					
10:00	10:50	EXAM AFTN				
11:00	11:50					
12:00	13:30					SEMINAR (NT)
15:30	17:00		FIA		FIA	NP (presentation)
17:00	17:30					
17:30	19:00		FIA		FIA	NP

		Monday	Tuesday	Wednesday	Thursday	Friday
		10/2/2025	11/2/2025	12/2/2025	13/2/2025	14/2/2025
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:00	13:30					SEMINAR (NT)
15:30	17:00		NP			NP
17:00	17:30					
17:30	19:00		NP			NP

		Monday	Tuesday	Wednesday	Thursday	Friday
		17/2/2025	18/2/2025	19/2/2025	20/2/2025	21/2/2025
9:00	9:50					
10:00	10:50	EXAM				
11:00	11:50	FIA				
12:00	13:30					SEMINAR (NT)
15:30	17:00		NP			NP
17:00	17:30					
17:30	19:00		NP			NP

		Monday	Tuesday	Wednesday	Thursday	Friday
		24/2/2025	25/2/2025	26/2/2025	27/2/2025	28/2/2025
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:00	13:30					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
		3/3/2025	4/3/2025	5/3/2025	6/3/2025	7/3/2025
9:00	9:50					
10:00	10:50	EXAM				
11:00	11:50	NP				
12:00	13:30					SEMINAR (NT)
15:30	17:00					
17:00	17:30					
17:30	19:00					

		Monday	Tuesday	Wednesday	Thursday	Friday
--	--	--------	---------	-----------	----------	--------

		10/3/2025	11/3/2025	12/3/2025	13/3/2025	14/3/2025
9:00	9:50	Brain Awareness Week 2024 March 11-15				
10:00	10:50					
11:00	11:50					
12:00	13:30					
15:30	17:00					
17:00	17:30					
17:30	19:00					

		Monday	Tuesday	Wednesday	Thursday	Friday				
		17/3/2025	18/3/2025	19/3/2025	20/3/2025	21/3/2025				
9:00	9:50	San José								
10:00	10:50						EXAM NTH			
11:00	11:50									
										SEMINAR (NT)
12:00	13:30									
15:30	17:00							DB (presentation)		DB
17:00	17:30									
17:30	19:00							DB		DB

		Monday	Tuesday	Wednesday	Thursday	Friday				
		24/3/2025	25/3/2025	26/3/2025	27/3/2025	28/3/2025				
9:00	9:50	No lectivo Fiesta Primavera								
10:00	10:50									
11:00	11:50									
										SEMINAR (NT)
12:00	13:30									
15:30	17:00						DB	DB	DB	DB
17:00	17:30									
17:30	19:00						DB	DB	DB	DB

		Monday	Tuesday	Wednesday	Thursday	Friday				
		31/3/2025	1/4/2025	2/4/2025	3/4/2025	4/4/2025				
9:00	9:50	ICIP (presentation) ICIP								
10:00	10:50									
11:00	11:50									
										SEMINAR (NT)
12:00	13:30									
15:30	17:00							ICIP	ICIP	ICIP
17:00	17:30									
17:30	19:00							ICIP	ICIP	ICIP

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

Elective course: Developmental Neurobiology (DB)

		Monday	Tuesday	Wednesday	Thursday	Friday
		7/4/2025	8/4/2025	9/4/2025	10/4/2025	11/4/2024
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:00	13:30					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
		14/4/2025	15/4/2025	16/4/2025	17/4/2025	18/4/2025
9:00	9:50					
10:00	10:50	ICIP	ICIP	ICIP		
11:00	11:50					
		Practicum	Practicum	Practicum		
12:00	13:30				EASTER	EASTER
15:30	17:00		ICIP	ICIP		
17:00	17:30					
17:30	19:00		Practicum	Practicum		

		Monday	Tuesday	Wednesday	Thursday	Friday
		21/4/2025	22/4/2025	23/4/2025	24/4/2025	25/4/2025
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:00	13:30					
15:30	17:00					
17:00	17:30					
17:30	19:00					

		Monday	Tuesday	Wednesday	Thursday	Friday
		28/4/2025	29/4/2025	30/4/2025	1/5/2025	2/5/2025
9:00	9:50					
10:00	10:50					
11:00	11:50					
12:00	13:30				1 de mayo	
15:30	17:00					

17:30	19:00
-------	-------



		Monday	Tuesday	Wednesday	Thursday	Friday	
		5/5/2025	6/5/2025	7/5/2025	8/5/2025	9/5/2025	
9:00	9:50						
10:00	10:50	EXAM					
11:00	11:50						ELECTIVE COURSES
12:00	13:30						SEMINAR (NT)
15:30	17:00						
17:30	19:00						

		Monday	Tuesday	Wednesday	Thursday	Friday	
		12/5/2025	13/5/2025	14/5/2025	15/5/2025	16/5/2025	
9:00	9:50						
10:00	10:50						
11:00	11:50						
12:00	13:30						SEMINAR (NT)
15:30	17:00						
17:30	19:00						

Dates to be determined:
 "Neuroscience today" exam (in June 2025)
 Master Research Project presentation (in early July / early September 2025)