

Master Programme
Research Master Behavioral and Cognitive Neurosciences

track	course		ECTS	period	full or parttime	max students	open for external students
B animal and human behaviour	Track course:	timing of behaviour	5	year 1, sept-oct (5 weeks)	full time	30	yes
		function and evolution of behaviour	5	year 1, sept-oct (5 weeks)	full time	30	yes
		the neuroendocrine basis of behaviour	5	year 1, nov-dec (5 weeks)	full time	30	yes
		individuality of behaviour, genes and ontogeny	5	year 1, jan-feb (5 weeks)	full time	30	yes
C computational modelling of cognition	Track course:	cognitive modeling	5	year 1, sept-nov	parttime	30	yes
		language learning	5	year 1, nov-feb	parttime	30	yes
		cognitive neuropsychiatry	5	year 1, nov-feb	parttime	30	yes
		functional neuroscience	5	year 1, jan (5 weeks)	full time	30	yes
		models of cognition	5	year 1 sep-feb	parttime	30	yes
N molecular and clinical neuroscience	Track course:	functional neuroscience	5	year 1, sep-ok (5 weeks)	full time	20	yes
		pathology of the nervous system	5	year 1, oct-nov (5 weeks)	full time	30	yes
		genes, brain and brain function	5	year 1, nov-dec (5 weeks)	full time	30	yes
		stem cell and glia biology	5	year 1, jan-feb (5 weeks)	full time	30	yes
BCN (for all 3 tracks)	Capita selecta:	evolutionary psychology	5	optional	full time	30	yes
		sound recognition	5	optional	full time	30	yes
		philosophy of neuroscience	5	year 2	parttime	30	yes
		EEG course	5	optional	full time	20	yes
		user models	5	year 2	full time	30	yes
		scientific visualisation	5	year 2	full time	30	yes
		handwriting recognition	5	year 2	full time	30	yes
		multi-agent systems	5	year 2	full time	30	yes
		CNS development and disease	5	optional (sept, 5 weeks)	full time	30	yes
		neuropharmacology	5	optional (sept, 5 weeks)	full time	30	yes
		neurobiology of anxiety and empathy	5	optional (oct, 5 weeks)	full time	30	yes
	human neuroanatomy	5	optional (nov, 5 weeks)	full time	20	yes	

UU
Utrecht

www.neuroscience-cognition.org

**Master programme
Neuroscience and Cognition**

track	course	ECTS	period	full or parttime	max students	open for external students
BN	Ethology and Welfare	6	sept-oct	full time	20	yes
behavioral neuroscience	Sexual Behaviour	4,5	oct-nov (only 2009)	full time	20	yes
	Biophysics of Perception and Action	7,5	april	full time	20	yes
	Measuring Behaviour	1,5	november	full time	20	yes
	Neurocognition of emotion	7,5	january	parttime	20	yes
	Introduction: Brain and Behaviour	6	sept	full time	20	no
	Evolutionary Perspectives on Human Behaviour	4,5	oct-nov	full time	20	yes
ECN	Fundamentals of Neuroscience	15	sept-nov	full time	40	no
experimental and clinical neuroscience	Essentials of Neuroscience	3	jan-feb	full time	60	yes
CN	Biophysics of Perception and Action	7,5	april	full time	20	yes
cognitive neuroscience	Fundamentals of Neuroscience	15	sept-nov	full time	40	no
	Cognitive neuroscience of emotion	7,5	january	parttime	20	yes
	Neurocognition of Language	7,5	sept-june	parttime	20	yes
	Neurocognition of memory and attention	7,5	feb-april	parttime	20	yes
	Language, Speech, brain	5 or 7	third semester	parttime	20	yes

UvA
Amsterdam

www.casca.nl
www.studeren.uva.nl/ma-cogn

Research Master Programme Brain and Cognitive Sciences

track	course	ECTS	period	full or parttime	max students	open for external students
Neuroscience	Advanced Neuroscience	10	sep-okt		20	yes, if entry requirements are met, selection via CSCA
Cognitive Neuroscience	Advanced Cognitive Neuroscience	4	sep-okt		20	yes, if entry requirements are met, selection via CSCA
	Neurophysiology	6	sep-okt		20	yes, if entry requirements are met, selection via CSCA
	Advanced Cognitive Neurobiology and Programming	6	nov-dec		20	yes, if entry requirements are met, selection via CSCA
Cognitive Science	Mind Matters	6	sep-okt		20	yes, if entry requirements are met, selection via CSCA
	Cognition and Communication	4	sep-okt		20	yes, if entry requirements are met, selection via CSCA
	Hot Topics in Linguistics and Cognition	6	nov-dec		20	yes, if entry requirements are met, selection via CSCA
	Psychoneurolinguistics	6	feb-mar		20	yes, if entry requirements are met, selection via CSCA
	Cognitive Models of Language and Beyond	6	feb-mar		20	yes, if entry requirements are met, selection via CSCA
Core Curriculum	Current Issues in Brain and Cognitive Sciences	8	sept-may		60	no
	Summer School CSCA	4	jun		60	yes, selection via CSCA
In Collaboration with Logic	Music Cognition	6	apr-jun		20	yes, if entry requirements are met, selection via CSCA
	Rationality, Cognition & Reasoning	10	sep-dec			yes, selection via Faculty of Humanities
In Collaboration with Research Master Psychology	Neuroimaging 1	6	sep-okt		24	yes, selection via Psychology Department
	Advanced Topics in Language and Memory	6	nov-dec		20	yes, selection via Psychology Department
	Brain Development, Plasticity and Repair	6	nov-dec		24	yes, selection via Psychology Department

Erasmus MC
Rotterdam

www.neuro.nl

Master Programme
Neuroscience

track	course	ECTS	period	full or parttime	max students	open for external students
	Workshops related to neuroscience	1 or 2	sept-jul	parttime		yes

Master Programme
Neurosciences

track	course	ECTS	period	full or parttime	max students	open for external students
compulsory	Principles of Neuroscience	6	sept	full time	50	selective
	Behavior and Cognition	5	oct/nov	full time	50	selective
	Quantitative Methods in Neuroscience and Genetics	5	oct/nov	full time	50	selective
	Behavioral Genetics	5	nov/dec/jan	full time	50	selective
	Neurogenomics	5	nov/dec/jan	full time	50	selective
	Ethics in life sciences	3	jan/febr	full time		yes

optional	Advanced Neurogenomics	6	sept	full time	20	selective
	Neurobiology of Animal Behavior	6	sept	full time	20	selective
	Functional Brain Imaging	6	oct	full time	20	selective
	Live Cell Imaging	6	oct	full time	10	selective
	In vivo Neurophysiology	6	nov	full time	10	selective
	Developmental Neurobiology of the Vertebrate Brain	6	nov	full time	20	selective
	Experimental and Clinical Neuroendocrinology	6	nov	full time	20	selective
	Statistical Genetics for Gene Finding	5	nov	full time	20	selective
	Social Psychology	5	oct	full time	10	selective
	Neuro- and Psychopharmacology	6	dec	full time	20	selective
	Quantitative Genetics	6	dec	full time		selective
	Emotional and Cognitive Neuroscience	4	jan/febr	full time	15	selective
	Psychophysiology	5	jan/febr/mar	parttime	12	selective
	Experimental Neurophysiology	6	jan/febr/mar	parttime	6	selective
	Neuroinformatics	6	mar/apr/may/jun	parttime	15	selective
	Bioinformatics	6	mar/apr/may	parttime		selective
	System Neuroscience	6	mar/apr/may	parttime		selective
	Gene Hunting	6	sept	full time	20	selective
	Methods in Behavioral Neurosciences	6	oct	full time	20	selective
	Cognition and Attention	5	dec	full time	20	selective

RUN

Nijmegen

www.ru.nl/master/cns

Master Programme

Research Master Cognitive Neuroscience

track	course	ECTS	period	full or parttime	max students	open for external students
General courses: compulsory courses	Brain and Behaviour	3	sept	full time	40	no
	Basic Mathematics	3	sept/oct/nov	parttime		selective 1*
	Quantitative methods in Cognitive Neuroscience	3	nov/dec/jan	parttime	40	selective 1*
	Neuroimaging I	6	sept/oct/nov/dec/jan	parttime	40	selective 1*
	Trends in Cognitive Neuroscience	6	whole year	parttime	40	selective 1*
	Neurophilosophy	6	april/may/june/july	parttime	40	selective 1*

General courses: optional courses	fMRI seminar	6	whole year	parttime	40	selective 1*
	Electrophysiology seminar	6	whole year	parttime	40	selective 1*

Track: Neurocognition						
Compulsory track courses						
	General Neurocognition	6	whole year	parttime	40	selective 1*
	Neuroimaging II - haemodynamic methods	6	feb- june	parttime	40	selective 1*
	Neuroimaging II- electrophysiological methods	6	feb- june	parttime	40	selective 1*
	Neurobiology	6	oct-nov	full time	40	no
	Molecular and cellular neurobiology	6	apr- june	parttime	40	no
Optional track courses	Neuropharmacology and animal models in psychiatry and neurology	6	apr-june	parttime	40	selective 1*
	Neurobiology of psychiatric diseases	6	sept-jan	parttime	40	selective 1*
	Cognitive Neuroscience of Memory	6	feb/july	parttime	40	selective 1*

Track: Action, Perception & Consciousness						
Compulsory track courses	Action I - Motor Control	6	sept-jan	parttime	40	selective 1*
	Perception -Action I - Sensomotor Integration	6	sept-jan	parttime	40	selective 1*
	Perception - Action II - Cognitive neuropsychology of perception and action	6	feb- june	parttime	40	selective 1*
	Perception I - Visual Perception	6	sept-jan	parttime	40	selective 1*
	Perception II - Auditory Perception	6	sept-jan	parttime	40	selective 1*
	Neuroimaging II - haemodynamic methods	6	feb- june	parttime	40	selective 1*
	or Neuroimaging II - electrophysiological methods	6	feb- june	parttime	40	selective 1*
	Computational Neuroscience	6	sept-jan	parttime	40	selective 1*
Optional track courses	Social Neurocognition	6	feb/june	parttime	40	selective 1*
	Developmental Cognitive Neuroscience	6	feb- june	parttime	40	selective 1*

Track: Psycholinguistics						
Compulsory track courses	The mental lexicon	6	sept-jan	parttime	40	selective 1*
	Language and the brain	6	feb- june	parttime	40	selective 1*
	Language acquisition	6	feb-april	parttime	40	selective 1*
	Phonetics and phonology	6	sept-jan	parttime	40	selective 1*
	Morphology and syntax	6	sept-jan	parttime	40	selective 1*
	Semantics and the brain in a cross-linguistic perspective	6	feb- april	parttime	40	selective 1*
	Cognitive aspects of multilingualism	6	feb- april	parttime	40	selective 1*

1* The number of courses within the RU MSc CNS program as external student is maximised. Contact programme coordinator for more information (a.koning@donders.ru.nl)

UM

Maastricht

www.researchmaster.eu

Master Programme

Research Master Cognitive Neuroscience

track	course	ECTS	period	full or parttime	max students	open for external students
	Advanced Statistics I	2	sept-dec	fulltime	20	yes 1*
	Advanced Statistics II	3	jan-apr	fulltime	20	yes 1*

Core Courses	Neural Correlates of Selection in Language Processing	4	sept-oct	fulltime	20	yes 1*
	Perception & Attention	4	sept-oct	fulltime	20	yes 1*
	Neuroimaging	4	oct-dec	fulltime	20	yes 1*
	Sensory & Motor Systems	4	oct-dec	fulltime	20	yes 1*
	Advanced fMRI	3	jan	fulltime	20	yes 1*
	Magnetic Brain Stimulation	3	feb-mar	fulltime	20	yes 1*
	EEG & MEG	3	mar-apr	fulltime	20	yes 1*
	The Auditory System	3	apr-may	fulltime	20	yes 1*
	Neural Correlates of Consciousness	3	may-june	fulltime	20	yes 1*
	Neurocognition of Literacy and Numeracy	3	sept	fulltime	20	yes 1*
	Modeling	3	oct	fulltime	20	yes 1*

Fundamental Neuroscience	Advanced Biochemical Techniques	5	sept-oct	fulltime	20	yes 1*
	Advanced Brain Anatomy and Histochemical Techniques	4	oct-dec	fulltime	20	yes 1*
	Neurodegeneration and Brain Damage	4	oct-dec	fulltime	20	yes 1*
	Biopsychological Neuroscience	4	jan	fulltime	20	yes 1*
	Neurological Disorders	4	feb-mar	fulltime	20	yes 1*
	Neuroimmunology and Inflammation	4	mar-apr	fulltime	20	yes 1*
	Gene x Environment Interactions	4	apr-may	fulltime	20	yes 1*
	Stress, Emotions and Affective Disorders	4	may-jun	fulltime	20	yes 1*
	Electrophysiology	3	sept-oct	fulltime	20	yes 1*
	In Vitro and in Vivo Neuroscience: Models and Tests	4	oct	fulltime	20	yes 1*

Psychopathology	Anxiety Disorders	3	sept-oct	fulltime	20	yes 1*
	Mood Disorders	3	sept-nov	fulltime	20	yes 1*
	Stress and Trauma	3	nov-dec	fulltime	20	yes 1*
	Developmental Psychopathology	3	jan	fulltime	20	yes 1*
	Somatoform Disorders	3	feb-mar	fulltime	20	yes 1*
	Psychosis	3	mar-apr	fulltime	20	yes 1*
	Eating Disorders & Addiction	4	apr-june	fulltime	20	yes 1*
	Psychopathology and the Law	2	apr-june	fulltime	20	yes 1*
	Personality Disorders	3	sept-oct	fulltime	20	yes 1*
	Mental Health and Happiness	3	oct	fulltime	20	yes 1*
	Sexual Disorders	1	apr-june	fulltime	20	yes 1*

Skills Trainings	ERP	2	sept-oct	fulltime	20	yes 1*
	fMRI	2	nov-dec	fulltime	20	yes 1*
	Neuroanatomy	1	jan-feb	fulltime	20	yes 1*
	Matlab	1	feb-mar	fulltime	20	yes 1*
	Presentation	1	mar-apr	fulltime	20	yes 1*
	C++ I	1	apr-may	fulltime	20	yes 1*
	C++ II	1	may-june	fulltime	20	yes 1*
	Diffusion Weighted Imaging and Fiber Tracking	1	sept	fulltime	20	yes 1*
	Data Management	1	oct	fulltime	20	yes 1*
	Neuropsychological Assessments	2	sept-oct	fulltime	20	yes 1*
	Basic Cognitive Psychological Skills	2	oct-dec	fulltime	20	yes 1*
	E-Prime	1	feb-mar	fulltime	20	yes 1*
	Psychophysiological Skills	1	mar-apr	fulltime	20	yes 1*
	Neuropsychology in Practice	2	apr-may	fulltime	20	yes 1*
	Neuropsychological Rehabilitation	1	sept-oct	fulltime	20	yes 1*
	Research Practicum Psychometrics	2	nov-dec	fulltime	20	yes 1*
	Clinical Skills I: Interviewing Skills	2	sept-oct	fulltime	20	yes 1*
	Clinical Skills II: Diagnostic Test Procedures	2	sept-nov	fulltime	20	yes 1*
	Clinical Skills III: Clinical Interview for the DSM IV	1	sept-oct	fulltime	20	yes 1*
	Clinical Skills IV: Intervention Techniques	1	oct	fulltime	20	yes 1*
	Clinical Assessment Instruments	2	feb-mar	fulltime	20	yes 1*

Workshops	Real-time fMRI and Neurofeedback	1	jan	fulltime	20	yes 1*
	Methods of Deactivation	1	feb-mar	fulltime	20	yes 1*
	Multi-methodological Approaches	1	mar-apr	fulltime	20	yes 1*
	Signal Analysis I	2	apr-may	fulltime	20	yes 1*
	Signal Analysis II	2	may-june	fulltime	20	yes 1*
	Protocol Writing	2	sept-oct	fulltime	20	yes 1*
	Molecular Genetics	1	jan	fulltime	20	yes 1*
	Surgery for Intractable Movement & Psychiatric Disorders	1	feb-mar	fulltime	20	yes 1*
	Research Ethics	1	mar-apr	fulltime	20	yes 1*
	Epidemiology	1	apr-may	fulltime	20	yes 1*
	Imaging	2	may-june	fulltime	20	yes 1*
	Psychopharmacology	1	may-june	fulltime	20	yes 1*
	Research Theory and Designs	1	jan	fulltime	20	yes 1*
	Neuropsychological Assessment in Children	1	feb-mar	fulltime	20	yes 1*
	Ecological Psychiatry	1	apr-june	fulltime	20	yes 1*
	Cognitive Methods in Psychopathology Research	1	feb-mar	fulltime	20	yes 1*

1* after a brief check of the student's background knowledge and provided there is enough capacity

UL

Leiden

<http://www.mellyoitzl.org/cogneuro2009/>

Master Programme

No specific Master program at this time

track	course	ECTS	period	full or parttime	max students	open for external students
	Course in Cognitive Neuroscience	4	april	fulltime	15	
	Frontiers of Science (FOS) course: Depression and other stress-related diseases	6	sept-oct	fulltime		