

## Overview RM Specialisation Cognitive Neuroscience (CN)

Research Master Specialisation Cognitive Neuroscience (CN) (4603_T4) Year 1 (2023-2024) Specialisation Coordinator: Giancarlo Valente	
<b>Period 0</b> 28-08-23 - 01-09-23	Introduction week: <b>PSY4958</b> Introduction in Problem-Based Learning (- credits): Wladimir van Mansum
<b>Throughout Year 1</b>	<p><b>Electives</b> (3 credits in total):  <b>PSY4156</b> Elective: Course OR  <b>PSY4157</b> Elective: Review OR  <b>PSY4158</b> Elective: Research (3 credits each): Vincent van de Ven</p> <p><b>Workshop:</b>  <b>PSY4114</b> Research Grant Writing Workshop (2 credits): Sebastian Köhler, Ron Handels</p>
<b>Period 1</b> 04-09-23 - 27-10-23	<p><b>Core Courses:</b>  <b>PSY4251</b> Auditory and Higher Order Language Processing (4 credits): Bernadette Jansma  <b>PSY4252</b> Perception and Attention (4 credits): Peter De Weerd  <b>PSY4162</b> Applied Statistics I (4 credits): Jan Schepers</p>
	<p><b>Skills Training:</b>  <b>PSY4221</b> EEG and ERP (2 credits): Fren Smulders</p>
<b>Period 2</b> 30-10-23 - 22-12-23	<p><b>Core courses:</b>  <b>PSY4253</b> Neuroimaging: Functional MRI (4 credits): Elia Formisano  <b>PSY4254</b> Sensorimotor Processing (4 credits): Joel Reithler  <b>PSY4162</b> Applied Statistics I: Jan Schepers</p>
	<p><b>Skills Training:</b>  <b>PSY4227</b> fMRI (2 credits): Elia Formisano, Federico De Martino</p>
<i>Christmas break</i>	
<b>Period 3</b> 08-01-24 - 02-02-24	<p><b>Core course:</b>  <b>PSY4216</b> Noninvasive Brain Stimulation (NIBS) (4 credits): Alexander Sack</p>
	<p><b>Skills Training:</b>  <b>PSY4108</b> Neuroanatomy (1 credit): Daniel den Hove</p>
	<p><b>Workshop:</b>  <b>PSY4233</b> Methods of Deactivation (1 credit): Teresa Schuhmann</p>
	<p><b>PSY4100</b> Colloquia (total of 1 credit): Rudy Schreiber</p>
<b>Period 4</b> 05-02-24 - 05-04-24	<p><b>Core course:</b>  <b>PSY4215</b> Advanced fMRI (4 credits): Rainer Goebel  <b>PSY4255</b> Brain Connectivity and Connectomics (4 credits): Alard Roebroeck</p>
	<p><b>Workshop:</b>  <b>PSY4231</b> Real-Time fMRI and Neurofeedback (1 credit): Rainer Goebel, Bettina Sorger</p>
	<p><b>Skills Training:</b>  <b>PSY4228</b> Diffusion Weighted Imaging and Fibre Tracking (1 credit): Alard Roebroeck</p>
	<p><b>PSY4100</b> Colloquia: Rudy Schreiber</p>
<b>Period 5</b> 08-04-24 - 07-06-24	<p><b>Core course:</b>  <b>PSY4257</b> Translational Neuroscience: Towards Clinical Applications for Disorders of Consciousness (4 credits): Bettina Sorger  <b>PSY4256</b> Timing Neural Processing with EEG and MEG (4 credits): Fren Smulders</p>
	<p><b>Workshop:</b>  <b>PSY4237</b> Basic Mathematical Methods (2 credits): Giancarlo Valente</p>

	<b>Skills Training:</b> <b>PSY4224</b> Programming in Matlab Basic Course (2 credits): Giancarlo Valente
	<b>PSY4100</b> Colloquia: Rudy Schreiber
	<b>Applied Statistics II (electives):</b> <b>PSY4163</b> Applied Statistics II: Capita Selecta A (2 credits): Jan Schepers OR <b>PSY4164</b> Applied Statistics II: Capita Selecta B (2 credits): Jan Schepers
<b>Period 6</b> <b>10-06-24 -</b> <b>05-07-24</b>	<b>Core course:</b> <b>PSY4257</b> Translational Neuroscience: Towards Clinical Applications for Disorders of Consciousness: Bettina Sorger <b>Applied Statistics II (electives):</b> <b>PSY4163</b> Applied Statistics II: Capita Selecta A (2 credits): Jan Schepers OR <b>PSY4164</b> Applied Statistics II: Capita Selecta B (2 credits): Jan Schepers OR <b>PSY4165</b> Applied Statistics II: Capita Selecta C (2 credits): Jan Schepers
	<b>PSY4100</b> Colloquia: Rudy Schreiber

<b>Research Master Specialisation Cognitive Neuroscience (CN) Year 2 (2023-2024)</b>	
<b>Period 1</b> <b>04-09-23 -</b> <b>27-10-23</b>	<b>Core course:</b> <b>PSY5112</b> Research Grant Writing Course (3 credits): Sebastian Köhler, Ron Handels <b>PSY5213</b> The Brain's Engram: Memorising Experiences and Experiencing Memory (4 credits): Vincent van de Ven
	<b>Workshop:</b> <b>PSY5231</b> Signal Analysis (2 credits): Giancarlo Valente
	<b>Skills Training:</b> <b>PSY5223</b> Programming in Matlab Advanced Course (1 credit): Giancarlo Valente
<b>32 weeks</b> <b>30-10-23 -</b> <b>05-07-24</b>	<b>PSY5107</b> Research Proposal (1 credit), <b>PSY5120</b> Research Internship Graded (10 credits)/ <b>PSY5121</b> Research Internship Ungraded (25 credits) & <b>PSY5103</b> Master's Thesis (14 credits): Gerda Kraag

### Overview RM in Fundamental Neuroscience (FN)

<b>Research Master Specialisation Fundamental Neuroscience (FN) (4603_T1) Year 1 (2023-2024)</b>	
<b>Specialisation Coordinator:</b> Daniel van den Hove	
<b>Period 0</b> <b>28-08-23 -</b> <b>01-09-23</b>	Introduction week: <b>PSY4958</b> Introduction in Problem-Based Learning (- credits): Wladimir van Mansum
<b>Throughout Year 1</b>	<b>Electives (6 credits in total):</b> <b>PSY4161</b> Elective: Laboratory Animal Sciences: Saskia Seelldrayers AND/OR <b>PSY4156</b> Elective: Course AND/OR <b>PSY4157</b> Elective: Review AND/OR <b>PSY4158</b> Elective: Research (3 credits each): Vincent van de Ven <b>OR</b> <b>PSY4159</b> Double Elective: Research (6 credits): Vincent van de Ven OR <b>PSY4160</b> Double Elective: Review (6 credits): Vincent van de Ven <b>Workshop:</b> <b>PSY4114</b> Research Grant Writing Workshop (2 credits): Sebastian Köhler, Ron Handels
<b>Period 1</b> <b>04-09-23 -</b> <b>27-10-23</b>	<b>Core courses: *</b> <b>PSY4311</b> * Introduction to Molecular Biochemical Techniques (5 credits): Gunter Kenis <i>Practical Training:</i> <b>PSY4341</b> Genes and Proteins: Gunter Kenis <b>OR</b> <b>PSY4312</b> * Introduction to Psychology (5 credits): Eef Theunissen

	<p><i>Practical Training:</i> <b>PSY4353</b> Measuring Cognitive Functions: Eef Theunissen  <b>PSY4313</b> Neuroanatomy (4 credits): Jörg Mey  <i>Practical Training:</i> <b>PSY4344</b> Mammalian Macro- and Microscopical Neuroanatomy: Jörg Mey  <b>PSY4162</b> Applied Statistics I (4 credits): Jan Schepers</p>
	<p><b>Workshop:</b>  <b>PSY4340</b> Introduction in Genetics (1 credits): Gunter kenis</p>
<p><b>Period 2</b>  <b>30-10-23 -</b>  <b>22-12-23</b></p>	<p><b>Core courses:</b>  <b>PSY4314</b> Neurodegeneration (4 credits): Tim Vanmierlo  <i>Practical Training:</i> <b>PSY4351</b> Immunocytochemical Staining of Human Postmortem Tissue and Evaluation of the Staining using the Multihead Microscope: Tim Vanmierlo  <b>PSY4315</b> Biopsychological Neuroscience (4 credits): Ellis Nelissen  <i>Practical Training:</i> <b>PSY4343</b> Neuropsychological Experiment: Ellis Nelissen  <b>PSY4162</b> Applied Statistics I: Jan Schepers</p>
	<p><b>Workshop:</b>  <b>PSY4834</b> Valorisation (2 credit): Rudy Schreiber</p>
<p><i>Christmas break</i></p>	
<p><b>Period 3</b>  <b>08-01-24 -</b>  <b>02-02-24</b></p>	<p><b>Core courses:</b>  <b>PSY4320</b> Neurological Neuroscience (5 credits): Govert Hoogland  <i>Practical Training:</i> <b>PSY4347</b> Genotyping your NMDA Receptor: Govert Hoogland</p>
	<p><b>Workshop:</b>  <b>PSY4332</b> Surgery for Intractable Movement and Psychiatric Disorders (1 credit): Ali Jahanshahianvar</p>
	<p><b>PSY4100</b> Colloquia (total of 1 credit): Rudy Schreiber</p>
<p><b>Period 4</b>  <b>05-02-24 –</b>  <b>05-04-24</b></p>	<p><b>Core courses:</b>  <b>PSY4360</b> Neuroimmunology and Inflammation (4 credits): Mario Losen, Pilar Martinez-Martinez  <i>Practical Training:</i> <b>PSY4349</b> Neuroinflammation: Mario Losen  <b>PSY4336</b> Neuroplasticity and Pain (5 credits): Bert Joosten  <i>Practical Training:</i> <b>PSY4346</b> Cell Culture: Renzo Riemens</p>
	<p><b>Workshop:</b>  <b>PSY4832</b> Biomedical Brain Imaging (3 credits): Dennis Hernaus</p>
	<p><b>PSY4100</b> Colloquia: Rudy Schreiber</p>
<p><b>Period 5</b>  <b>08-04-24 -</b>  <b>07-06-24</b></p>	<p><b>Core courses:</b>  <b>PSY4323</b> Psychiatric Neuroscience (4 credits): Daniel van den Hove, Gunter Kenis  <i>Practical Training:</i> <b>PSY4352</b> Western Blotting: Daniel van den Hove, Gunter Kenis  <b>PSY4322</b> Electrophysiology: From Single Cell Activity to ‘Cognitive’ Markers (4 credits): Anke Sambeth</p>
	<p><b>PSY4100</b> Colloquia: Rudy Schreiber</p>
	<p><b>Applied Statistics II (electives):</b>  <b>PSY4163</b> Applied Statistics II: Capita Selecta A (2 credits): Jan Schepers OR  <b>PSY4164</b> Applied Statistics II: Capita Selecta B (2 credits): Jan Schepers</p>
	<p><b>Workshop:</b>  <b>PSY4373</b> Introduction to R (1 credit): Ehsan Pishva, Wolfgang Viechtbauer</p>
<p><b>Period 6</b>  <b>10-06-24 -</b>  <b>05-07-24</b></p>	<p><b>Core courses:</b>  <b>Applied Statistics II (electives):</b>  <b>PSY4163</b> Applied Statistics II: Capita Selecta A (2 credits): Jan Schepers OR  <b>PSY4164</b> Applied Statistics II: Capita Selecta B (2 credits): Jan Schepers OR  <b>PSY4165</b> Applied Statistics II: Capita Selecta C (2 credits): Jan Schepers</p>

	<b>Workshop:</b> <b>PSY4371</b> Psychiatric Epidemiology (1 credit): Wolfgang Viechtbauer
	<b>PSY4100</b> Colloquia: Rudy Schreiber

*\*PSY4311: This introduction course is required for students with a psychological background. The parallel course PSY4312 is required for students with a biological background. Thus, students enroll in either PSY4311 or PSY4312. The coordinator evaluates which of the two courses a student is required to take.*

<b>Research Master Specialisation Fundamental Neuroscience (FN) Year 2 (2023-2024)</b>	
<b>Period 1</b> <b>04-09-23 -</b> <b>27-10-23</b>	<b>Core course:</b> <b>PSY5112</b> Research Grant Writing Course (3 credits): Sebastian Köhler, Ron Handels
	<b>Skills Training:</b> <b>PSY4221</b> EEG and ERP (2 credits): Fren Smulders
	<b>Workshop:</b> <b>PSY5332</b> Behavioural Tests and Models (1 credit): Ellis Nelissen <b>PSY5333</b> Advanced Genetics (1 credits): Gunter Kenis
<b>Throughout</b> <b>Year 2</b>	Electives: <b>PSY4161</b> Elective: Laboratory Animal Sciences (elective) (3 credits): Saskia Seelldrayers <b>PSY4156</b> Elective: Course OR <b>PSY4157</b> Elective: Review OR <b>PSY4158</b> Elective: Research (3 credits each): Vincent van de Ven <b>OR</b> <b>PSY4159</b> Double Elective: Research (6 credits): Vincent van de Ven OR <b>PSY4160</b> Double Elective: Review (6 credits): Vincent van de Ven
<b>32 weeks</b> <b>30-10-23 -</b> <b>05-07-24</b>	<b>PSY5107</b> Research Proposal (1 credit), <b>PSY5120</b> Research Internship Graded (10 credits)/ <b>PSY5121</b> Research Internship Ungraded (25 credits) & <b>PSY5103</b> Master's Thesis (14 credits): Gerda Kraag

### Overview RM in Neuropsychology (NP)

<b>Research Master Specialisation Neuropsychology (NP) 4603_T2) Year 1 (2023-2024)</b>	
<b>Specialisation Coordinator:</b> Tjeerd Boonstra	
<b>Period 0</b> <b>28-08-23 -</b> <b>01-09-23</b>	Introduction week: <b>PSY4958</b> Introduction in Problem-Based Learning (- credits): Wladimir van Mansum
<b>Throughout</b> <b>Year 1</b>	<b>Electives</b> (3 credits in total): <b>PSY4156</b> Elective: Course OR <b>PSY4157</b> Elective: Review OR <b>PSY4158</b> Elective: Research (3 credits each): Vincent van de Ven <b>Workshop:</b> <b>PSY4114</b> Research Grant Writing Workshop (2 credits): Sebastian Köhler, Ron Handels
<b>Period 1</b> <b>04-09-23 -</b> <b>27-10-23</b>	<b>Core courses:</b> <b>PSY4407</b> Brain Damage (4 credits): Sonja Kotz <b>PSY4408</b> Behavioural Disorders (4 credits): Michael Schwartz <b>PSY4162</b> Applied Statistics I (4 credits): Jan Schepers
	<b>Skills Training:</b> <b>PSY4434</b> Basic Cognitive Psychological Skills (3 credits): Eliza de Sousa Fernandes Perna
<b>Period 2</b> <b>30-10-23 -</b>	<b>Core courses:</b> <b>PSY4409</b> Arousal and Attention (4 credits): Natasha Mason

<b>22-12-23</b>	<b>PSY4416</b> Ageing (4 credits): Martin van Boxtel <b>PSY4162</b> Applied Statistics I: Jan Schepers
	<b>Skills Training:</b> <b>PSY4433</b> Neuropsychological Assessments (2 credits): Max Colombi
<i>Christmas break</i>	
<b>Period 3</b> <b>08-01-24 -</b> <b>02-02-24</b>	<b>Core course:</b> <b>PSY4411</b> Biopsychology (4 credits): Pim Heckman
	<b>Skills Training:</b> <b>PSY4108</b> Neuroanatomy (1 credit): Daniel den Hove
	<b>PSY4100</b> Colloquia (total of 1 credit): Rudy Schreiber
<b>Period 4</b> <b>05-02-24 –</b> <b>05-04-24</b>	<b>Core course:</b> <b>PSY4417</b> Stress, the Brain. and Depression (3 credits): Rob Markus <b>PSY4413</b> Executive Control (4 credits): Peter van Ruitenbeek
	<b>Workshop:</b> <b>PSY4435</b> Human Neuroimaging (3 credits): Tjeerd Boonstra, Peter van Ruitenbeek
	<b>PSY4100 Colloquia:</b> Rudy Schreiber
<b>Period 5</b> <b>08-04-24 -</b> <b>07-06-24</b>	<b>Core course:</b> <b>PSY4414</b> Neuropsychiatric Disorders (3 credits): Inez Ramakers, Willemijn Jansen
	<b>Skills Training:</b> <b>PSY4423</b> Neuropsychology in Practice: From Test Results to Report and Advice (2 credits): Caroline van Heugten, Claire Wolfs <b>PSY4424</b> Neuropsychological Rehabilitation (2 credits) : Caroline van Heugten
	<b>PSY4100</b> Colloquia: Rudy Schreiber
	<b>Applied Statistics II (electives):</b> <b>PSY4163</b> Applied Statistics II: Capita Selecta A (2 credits): Jan Schepers OR <b>PSY4164</b> Applied Statistics II: Capita Selecta B (2 credits): Jan Schepers
<b>Period 6</b> <b>10-06-24 -</b> <b>05-07-24</b>	<b>Core course:</b> <b>PSY4415</b> Neuropsychopharmacology (3 credits): Jan Ramaekers <b>Applied Statistics II (electives):</b> <b>PSY4163</b> Applied Statistics II: Capita Selecta A (2 credits): Jan Schepers OR <b>PSY4164</b> Applied Statistics II: Capita Selecta B (2 credits): Jan Schepers OR <b>PSY4165</b> Applied Statistics II: Capita Selecta C (2 credits): Jan Schepers
	<b>Workshop:</b> <b>PSY4335</b> Psychopharmacology (1 credit): Peter van Ruitenbeek <b>PSY4371</b> Psychiatric Epidemiology (1 credit): Wolfgang Viechtbauer
	<b>Skills Training:</b> <b>PSY4424</b> Neuropsychological Rehabilitation: Caroline van Heugten
	<b>PSY4100</b> Colloquia: Rudy Schreiber

<b>Research Master Specialisation Neuropsychology (NP) Year 2 (2023-2024)</b>	
<b>Period 1</b> <b>04-09-23 -</b> <b>27-10-23</b>	<b>Core course:</b> <b>PSY5112</b> Research Grant Writing Course (3 credits): Sebastian Köhler, Ron Handels <b>PSY5411</b> Cognitive Development (3 credits): Esther Keulers <b>PSY5414</b> Brain, Learning and Memory (3 credits): Peter van Ruitenbeek

	<p><b>Workshop:</b>  <b>PSY5431</b> Neuropsychological Assessment in Children (1 credit): Femke Dings</p>
<p><b>32 weeks</b>  <b>30-10-23 -</b>  <b>05-07-24</b></p>	<p><b>PSY5107</b> Research Proposal (1 credit), <b>PSY5120</b> Research Internship Graded (10 credits) (research option)/<b>PSY5121</b> Research Internship Ungraded (25 credits) (research option), <b>PSY5122</b> Research Internship Graded (10 credits) (clinical option)/<b>PSY5123</b> Research Internship Ungraded (9 credits) (clinical option) &amp; <b>PSY5103</b> Master's Thesis (14 credits): Gerda Kraag OR <b>PSY5109</b> Master's Thesis (10 credits): Gerda Kraag</p>
	<p><b>PSY5108</b> Research Proposal Minor's Thesis (1 credit), <b>PSY5104</b> Clinical Internship (15 credits), <b>PSY5111</b> Clinical Activities Report (- credits) &amp; <b>PSY5105</b> Minor's Thesis (4 credits): Gerda Kraag</p>

## Overview RM in Clinical Psychology (CP)

<b>Research Master Specialisation Clinical Psychology (CP) (4603_T3) Year 1 (2023-2024)</b> <b>Specialisation Coordinator: Lotte Lemmens</b>	
<b>Period 0</b> <b>28-08-23 -</b> <b>01-09-23</b>	Introduction week: <b>PSY4958</b> Introduction in Problem-Based Learning (- credits): Wladimir van Mansum
<b>Throughout Year 1</b>	<b>Electives</b> (5 credits in total): <b>PSY4156</b> Elective: Course AND/OR <b>PSY4157</b> Elective: Review AND/OR <b>PSY4158</b> Elective: Research (5 credits in total): Vincent van de Ven <b>Workshop:</b> <b>PSY4114</b> Research Grant Writing Workshop (2 credits): Sebastian Köhler, Ron Handels
<b>Period 1</b> <b>04-09-23 -</b> <b>27-10-23</b>	<b>Core course:</b> <b>PSY4511</b> Anxiety Disorders (4 credits): Sara Scheveneels, Marleen Rijkeboer <b>PSY4512</b> Mood Disorders (total of 4 credits): Frenk Peeters <b>PSY4162</b> Applied Statistics I (4 credits): Jan Schepers
	<b>Skills Training:</b> <b>PSY4531</b> Research Practical Psychometrics (total of 2 credits): Wolfgang Viechtbauer <b>PSY4532</b> Clinical Skills I: Interviewing Skills (2 credits): Sandra Mulkens <b>PSY4534</b> Clinical Assessment Instruments (total of 2 credits): Claire Wolfs
<b>Period 2</b> <b>30-10-23 -</b> <b>22-12-23</b>	<b>Core course:</b> <b>PSY4512</b> Mood Disorders: Frenk Peeters <b>PSY4513</b> Stress and Trauma (4 credits): Dennis Hernaus <b>PSY4162</b> Applied Statistics I: Jan Schepers
	<b>Skills Training:</b> <b>PSY4531</b> Research Practical Psychometrics: Wolfgang Viechtbauer <b>PSY4533</b> Clinical Skills II: Diagnostic Test Procedures (2 credits): Claire Wolfs <b>PSY4534</b> Clinical Assessment Instruments: Claire Wolfs
<i>Christmas break</i>	
<b>Period 3</b> <b>08-01-24 -</b> <b>02-02-24</b>	<b>Core course:</b> <b>PSY4521</b> Bodily Distress Disorders (4 credits): Ann Meulders
	<b>Skills Training:</b> <b>PSY4108</b> Neuroanatomy (1 credit): Daniel den Hove <b>PSY4534</b> Clinical Assessment Instruments: Claire Wolfs
	<b>PSY4100</b> Colloquia (Total of 1 credit): Rudy Schreiber
<b>Period 4</b> <b>05-02-24 –</b> <b>05-04-24</b>	<b>Core course:</b> <b>PSY4514</b> Developmental Psychopathology (4 credits): Peter Muris <b>PSY4519</b> Eating Disorders (4 credits): Lotte Lemmens
	<b>Skills Training:</b> <b>PSY4534</b> Clinical Assessment Instruments: Claire Wolfs
	<b>Workshop:</b> <b>PSY4435</b> Human Neuroimaging (3 credits): Tjeerd Boonstra, Peter van Ruitenbeek
	<b>PSY4100</b> Colloquia: Rudy Schreiber
<b>Period 5</b> <b>08-04-24 -</b> <b>07-06-24</b>	<b>Core course:</b> <b>PSY4516</b> Psychosis (4 credits): Dennis Hernaus
	<b>Workshop:</b> <b>PSY4373</b> Introduction to R (1 credit): Ehsan Pishva, Wolfgang Viechtbauer

	<b>Skills Training:</b> <b>PSY4534</b> Clinical Assessment Instruments: Claire Wolfs
	<b>PSY4100</b> Colloquia: Rudy Schreiber
	<b>Applied Statistics II (electives):</b> <b>PSY4163</b> Applied Statistics II: Capita Selecta A (2 credits): Jan Schepers OR <b>PSY4164</b> Applied Statistics II: Capita Selecta B (2 credits): Jan Schepers
<b>Period 6</b> <b>10-06-24 -</b> <b>05-07-24</b>	<b>Core course:</b> <b>PSY4520</b> Mental Health and Happiness (total of 3 credits): Marjolein Hanssen <b>Applied Statistics II (electives):</b> <b>PSY4163</b> Applied Statistics II: Capita Selecta A (2 credits): Jan Schepers OR <b>PSY4164</b> Applied Statistics II: Capita Selecta B (2 credits): Jan Schepers OR <b>PSY4165</b> Applied Statistics II: Capita Selecta C (2 credits): Jan Schepers
	<b>Workshop:</b> <b>PSY4335</b> Psychopharmacology (1 credit): Peter van Ruitenbeek <b>PSY4371</b> Psychiatric Epidemiology (1 credit): Wolfgang Viechtbauer
	<b>Skills Training:</b> <b>PSY4534</b> Clinical Assessment Instruments: Claire Wolfs
	<b>PSY4100</b> Colloquia: Rudy Schreiber

<b>Research Master Specialisation Clinical Psychology (CP) Year 2 (2023-2024)</b>	
<b>Period 1</b> <b>04-09-23 -</b> <b>27-10-23</b>	<b>Core course:</b> <b>PSY5112</b> Research Grant Writing Course (3 credits): Sebastian Köhler, Ron Handels <b>PSY5511</b> Personality Disorders (4 credits): Jill Lobbestael
	<b>Skills Training:</b> <b>PSY5533</b> Clinical Skills III: Clinical Interviews for the DSM 5 (SCID-training) (1 credit): Andreas Bär <b>PSY5523</b> Clinical Skills IV: Intervention Techniques (2 credits): Sandra Mulkens
<b>32 weeks</b> <b>30-10-23 -</b> <b>05-07-24</b>	<b>PSY5107</b> Research Proposal (1 credit), <b>PSY5120</b> Research Internship Graded (10 credits) (research option)/ <b>PSY5121</b> Research Internship Ungraded (25 credits) (research option), <b>PSY5122</b> Research Internship Graded (10 credits) (clinical option)/ <b>PSY5123</b> Research Internship Ungraded (9 credits) (clinical option) & <b>PSY5103</b> Master's Thesis (14 credits): Gerda Kraag OR <b>PSY5109</b> Master's Thesis (10 credits): Gerda Kraag
	<b>PSY5108</b> Research Proposal Minor's Thesis (1 credit), <b>PSY5104</b> Clinical Internship (15 credits), <b>PSY5111</b> Clinical Activities Report (- credits) & <b>PSY5105</b> Minor's Thesis (4 credits): Gerda Kraag



## Overview of RM in Drug Development and Neurohealth (DN)

<b>Research Master Specialisation Drug Development and Neurohealth (DN) (4603_T6) Year 1 (2023-2024)</b> <b>Specialisation Coordinator: Rudy Schreiber</b>	
<b>Period 0</b> <b>28-08-23 - 01-09-23</b>	Introduction week: <b>PSY4958</b> Introduction in Problem-Based Learning (- credits): Wladimir van Mansum
<b>Throughout Year 1</b>	<b>Electives (6 credits in total):</b> <b>PSY4161</b> Elective: Laboratory Animal Sciences: Saskia Seeldrayers AND/OR <b>PSY4156</b> Elective: Course AND/OR <b>PSY4157</b> Elective: Review AND/OR <b>PSY4158</b> Elective: Research (3 credits each): Vincent van de Ven OR <b>PSY4159</b> Double Elective: Research (6 credits): Vincent van de Ven OR <b>PSY4160</b> Double Elective: Review (6 credits): Vincent van de Ven <b>Workshop:</b> <b>PSY4114</b> Research Grant Writing Workshop (2 credits): Sebastian Köhler, Ron Handels
<b>Period 1</b> <b>04-09-23 - 27-10-23</b>	<b>Core Courses: *</b> <b>PSY4311*</b> Introduction to Molecular Biochemical Techniques (5 credits): Gunter Kenis <i>Practical Training: PSY4341</i> Genes and Proteins: Gunter Kenis OR <b>PSY4312 *</b> Introduction to Psychology (5 credits): Eef Theunissen <i>Practical Training: PSY4353</i> Measuring Cognitive Functions: Eef Theunissen <b>PSY4818</b> Medical Needs & Failures, Target Discovery (3 credits): Rudy Schreiber <b>PSY4162</b> Applied Statistics I (4 credits): Jan Schepers <b>Workshop:</b> <b>PSY4340</b> Introduction in Genetics (1 credits): Gunter kenis
<b>Period 2</b> <b>30-10-23 - 22-12-23</b>	<b>Core courses:</b> <b>PSY4842</b> Drug Discovery (4 credits): Arjan Blokland, Harald Schmidt <b>PSY4814</b> Drug Metabolism and Safety (5 credits): Jacco Briedé <b>PSY4162</b> Applied Statistics I: Jan Schepers <b>Workshop:</b> <b>PSY4834</b> Valorisation (2 credit): Rudy Schreiber
<i>Christmas break</i>	
<b>Period 3</b> <b>08-01-24 - 02-02-24</b>	<b>Core course:</b> <b>PSY4819</b> Big Data in Drug Discovery & Development (3 credits): Danyel Jennen <i>Practical Training: PSY4822</i> Computer Supported Training in Big Data in Drug Discovery & Development: Danyel Jennen <b>Skills Training:</b> <b>PSY4108</b> Neuroanatomy (1 credit): Daniel den Hove <b>Workshop:</b> <b>PSY4833</b> Drug Discovery & Development Project Management (1 credit): Rudy Schreiber <b>PSY4100</b> Colloquia (total of 1 credit): Rudy Schreiber

<b>Period 4</b> <b>05-02-24 –</b> <b>05-04-24</b>	<b>Core course:</b> <b>PSY4820</b> Clinical Development (4 credits): Rudy Schreiber, Pim Heckman <b>PSY4816</b> Pharmacoepidemiology, Drug Safety & Pharmaceutical Policy (4 credits): Annemariëk Driessen <b>Applied Statistics II (electives):</b> <b>PSY4163</b> Applied Statistics II: Capita Selecta A (2 credits): Jan Schepers OR <b>PSY4164</b> Applied Statistics II: Capita Selecta B (2 credits): Jan Schepers OR <b>PSY4165</b> Applied Statistics II: Capita Selecta C (2 credits): Jan Schepers
	<b>Workshop:</b> <b>PSY4832</b> Biomedical Brain Imaging (3 credits): Dennis Hernaus
	<b>PSY4100</b> Colloquia: Rudy Schreiber
<b>Period 5</b> <b>08-04-24 -</b> <b>07-06-24</b>	<b>Core course:</b> <b>PSY4841</b> Psychiatric Neuroscience: Psychopharmacology (4 credits): Daniel van den Hove, Gunter Kenis <i>Practical training:</i> <b>PSY4823</b> Western Blotting: A Pharmacological Perspective: Daniel van den Hove, Gunter Kenis <b>PSY4322</b> Electrophysiology: From Single Cell Activity to ‘Cognitive’ Markers (4 credits): Anke Sambeth
	<b>PSY4100</b> Colloquia: Rudy Schreiber
	<b>Workshop:</b> <b>PSY4373</b> Introduction to R (1 credit): Ehsan Pishva, Wolfgang Viechtbauer
<b>Period 6</b> <b>10-06-24 -</b> <b>05-07-24</b>	<b>Core course:</b> <b>PSY4415</b> Neuropsychopharmacology (total of 3 credits): Jan Ramaekers <b>Applied Statistics II (electives):</b> <b>PSY4163</b> Applied Statistics II: Capita Selecta A (2 credits): Jan Schepers OR <b>PSY4164</b> Applied Statistics II: Capita Selecta B (2 credits): Jan Schepers OR <b>PSY4165</b> Applied Statistics II: Capita Selecta C (2 credits): Jan Schepers
	<b>PSY4100</b> Colloquia: Rudy Schreiber

*\*PSY4311: This introduction course is required for students with a psychological background. The parallel course PSY4312 is required for students with a biological background. Thus, students enroll in either PSY4311 or PSY4312. The course coordinators of both courses evaluate which of the two courses a student is required to take.*

<b>Research Master Specialisation Drug Development and Neurohealth (DN) Year 2 (2023-2024)</b>	
<b>Period 1</b> <b>04-09-23 -</b> <b>27-10-231</b>	<b>Core course:</b> <b>PSY5112</b> Research Grant Writing Course (3 credits): Sebastian Köhler, Ron Handels <b>PSY5812</b> Applied Therapeutics (3 credits): Paddy Janssen, Thomas Havenith
	<b>Workshop:</b> <b>PSY5332</b> Behavioural Tests and Models (1 credit): Ellis Nelissen
<b>Throughout</b> <b>Year 2</b>	<b>Electives:</b> <b>PSY4156</b> Elective: Course OR <b>PSY4157</b> Elective: Review OR <b>PSY4158</b> Elective: Research (3 credits each): Vincent van de Ven <b>OR</b> <b>PSY4159</b> Double Elective Research (6 credits): Vincent van de Ven OR <b>PSY4160</b> Double Elective: Review (6 credits): Vincent van de Ven
<b>32 weeks</b> <b>30-10-23 -</b> <b>05-07-24</b>	<b>PSY5107</b> Research Proposal (1 credit), <b>PSY5120</b> Research Internship Graded (10 credits)/ <b>PSY5121</b> Research Internship Ungraded (25 credits) & <b>PSY5103</b> Master’s Thesis (14 credits): Gerda Kraag