

## Overview RM in Cognitive Neuroscience (CN)

<b>Research Master in Cognitive Neuroscience (CN) Year 1 (2021-2022)</b> <b>Specialisation Coordinator: Giancarlo Valente</b>	
<b>Period 0</b>	Introduction week: <b>PSY4958</b> Introduction in Problem-Based Learning (training for non-UM students*) (- credits): Wladimir van Mansum
<b>Throughout Year 1</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>Period 1</b> 30-08-2021 22-10-2021	<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>PSY4106</b> Advanced Statistics I (3 credits): Jan Schepers <i>Practical Training: PSY4119</i> SPSS I and Lisrel Jan Schepers
	<b>Skills Training:</b> <b>PSY4221</b> EEG and ERP (2 credits): Fren Smulders
<b>Period 2</b> 25-10-2021 17-12-2021	<b>Core courses:</b> <b>PSY4253</b> Neuroimaging: Functional MRI (4 credits): Elia Formisano <b>PSY4254</b> Sensorimotor Processing (4 credits): Joel Reithler <b>PSY4106</b> Advanced Statistics I: Jan Schepers <i>Practical Training: PSY4119</i> SPSS I and Lisrel Jan Schepers
	<b>Skills Training:</b> <b>PSY4227</b> fMRI (2 credits): Elia Formisano, Federico De Martino
<i>Christmas break</i>	
<b>Period 3</b> 03-01-2022 28-01-2022	<b>Core course:</b> <b>PSY4216</b> Noninvasive Brain Stimulation (NIBS) (4 credits): Alexander Sack, Tom de Graaf
	<b>Skills Training:</b> <b>PSY4108</b> Neuroanatomy (1 credit): Jos Prickaerts
	<b>Workshop:</b> <b>PSY4233</b> Methods of Deactivation (1 credit): Teresa Schuhmann
	<b>PSY4100</b> Colloquia (total of 1 credit): Rudy Schreiber
<b>Period 4</b> 31-01-2022 01-04-2022	<b>Core course:</b> <b>PSY4215</b> Advanced fMRI (4 credits): Rainer Goebel <b>PSY4255</b> Brain Connectivity and Connectomics (4 credits): Johannes Franz, Sven Hildebrand <b>PSY4107</b> Advanced Statistics II (total of 3 credits): Gerard van Breukelen <i>Practical Training: PSY4117</i> SPSS II: Gerard van Breukelen
	<b>Workshop:</b> <b>PSY4231</b> Real-Time fMRI and Neurofeedback (1 credit): Rainer Goebel, Bettina Sorger
	<b>Skills Training:</b> <b>PSY4228</b> Diffusion Weighted Imaging and Fibre Tracking (1 credit): Johannes Franz, Sven Hildebrand
	<b>PSY4100</b> Colloquia: Rudy Schreiber

<b>Period 5</b> 04-04-2022 03-06-2022	<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 <b>PSY4107</b> Advanced Statistics II: Gerard van Breukelen <i>Practical Training: PSY4117</i> SPSS II: Gerard van Breukelen
	<b>Workshop:</b> <b>PSY4237</b> Basic Mathematical Methods (2 credits): Giancarlo Valente
	<b>Skills Training:</b> <b>PSY4224</b> Programming in Matlab Basic Course (2 credits): Giancarlo Valente
	<b>PSY4100</b> Colloquia: Rudy Schreiber
<b>Period 6</b> 07-06-2022 01-07-2022	<b>Core course:</b> <b>PSY4257</b> Translational Neuroscience: Towards Clinical Applications for Disorders of Consciousness: Bettina Sorger
	<b>Workshop:</b> <b>PSY4114</b> Research Grant Writing Workshop (2 credits): Sebastian Köhler, Ron Handels
	<b>PSY4100</b> Colloquia: Rudy Schreiber

*\*Students from Erasmus Rotterdam receive an exemption for PBL Training*

<b>Research Master in Cognitive Neuroscience (CN) Year 2 (2022-2023)</b>	
<b>Period 1</b> 30-08-2021 22-10-2021	<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>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 in Fundamental Neuroscience (FN) Year 1 (2021-2022)</b> <b>Specialisation Coordinator: Daniel van den Hove</b>	
<b>Period 0</b>	Introduction week: <b>PSY4958</b> Introduction in Problem-Based Learning (training for non-UM students*) (- credits): Wladimir van Mansum
<b>Throughout Year 1</b>	<b>Electives:</b> <b>PSY4161</b> Elective: Laboratory Animal Sciences (elective) (3 credits): Saskia Seeldrayers <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>Period 1</b> 30-08-2021 22-10-2021	<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 <b>OR</b> <b>PSY4312 **</b> Introduction to Psychology (5 credits): Eef Theunissen <i>Practical Training: PSY4353</i> Measuring Cognitive Functions: Nadia Hutten <b>PSY4313</b> Neuroanatomy (4 credits): Jörg Mey <i>Practical Training: PSY4344</i> Mammalian Macro- and Microscopical Neuroanatomy: Jörg Mey <b>PSY4106</b> Advanced Statistics I (3 credits): Jan Schepers <i>Practical Training: PSY4119</i> SPSS I and Lisrel: Jan Schepers
	<b>Workshop:</b> <b>PSY4340</b> Introduction in Genetics (1 credits): Gunter kenis
<b>Period 2</b> 25-10-2021 17-12-2021	<b>Core courses:</b> <b>PSY4314</b> Neurodegeneration (4 credits): Tim Vanmierlo <i>Practical Training: PSY4351</i> Immunocytochemical Staining of Human Postmortem Tissue and Evaluation of the Staining using the Multihead Microscope: Tim Vanmierlo <b>PSY4315</b> Biopsychological Neuroscience (4 credits): Jos Prickaerts <i>Practical Training: PSY4343</i> Neuropsychological Experiment: Jos Prickaerts <b>PSY4106</b> Advanced Statistics I: Jan Schepers <i>Practical Training: PSY4119</i> SPSS I and Lisrel: Jan Schepers
	<b>Workshop:</b> <b>PSY4834</b> Valorisation (2 credit): Mark Govers, Rudy Schreiber, Jos Prickaerts
<i>Christmas break</i>	
<b>Period 3</b> 03-01-2022 28-01-2022	<b>Core courses:</b> <b>PSY4320</b> Neurological Neuroscience (5 credits): Govert Hoogland <i>Practical Training: PSY4347</i> Genotyping your NMDA Receptor: Govert Hoogland
	<b>Workshop:</b> <b>PSY4332</b> Surgery for Intractable Movement and Psychiatric Disorders (1 credit): Ali Jahanshahianvar
	<b>PSY4100</b> Colloquia (total of 1 credit): Rudy Schreiber
<b>Period 4</b> 31-01-2022 01-04-2022	<b>Core courses:</b> <b>PSY4360</b> Neuroimmunology and Inflammation (4 credits): Mario Losen, Pilar Martinez-Martinez <i>Practical Training: PSY4349</i> Neuroinflammation: Mario Losen <b>PSY4336</b> Neuroplasticity and Pain (5 credits): Bert Joosten

	<p><i>Practical Training: PSY4346 Cell Culture: Bert Joosten</i>  <b>PSY4107</b> Advanced Statistics II (total of 3 credits): Gerard van Breukelen  <i>Practical Training: PSY4117 SPSS II: Gerard van Breukelen</i></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>  04-04-2022  03-06-2022</p>	<p><b>Core courses:</b>  <b>PSY4323</b> Psychiatric Neuroscience (4 credits): Daniel van den Hove, Gunter Kenis  <i>Practical Training: PSY4352 Western Blotting: Daniel van den Hove, Gunter Kenis</i>  <b>PSY4322</b> Electrophysiology: From Single Cell Activity to ‘Cognitive’ Markers (4 credits): Anke Sambeth  <b>PSY4107</b> Advanced Statistics II: Gerard van Breukelen  <i>Practical Training: PSY4117 SPSS II: Gerard van Breukelen</i></p>
	<p><b>PSY4100</b> Colloquia: Rudy Schreiber</p>
	<p><b>Workshop:</b>  <b>PSY4373</b> Introduction to R (1 credit): Ehsan Pishva, Wolfgang Viechtbauer</p>
<p><b>Period 6</b>  07-06-2022  01-07-2022</p>	<p><b>Workshop:</b>  <b>PSY4114</b> Research Grant Writing Workshop (2 credits): Sebastian Köhler, Ron Handels  <b>PSY4371</b> Psychiatric Epidemiology (1 credit): Wolfgang Viechtbauer</p>
	<p><b>PSY4100</b> Colloquia: Rudy Schreiber</p>

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*\*\*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 in Fundamental Neuroscience (FN) Year 2 (2022-2023)</b>	
<p><b>Period 1</b>  30-08-2021  22-10-2021</p>	<p><b>Core course:</b>  <b>PSY5112</b> Research Grant Writing Course (3 credits): Sebastian Köhler, Ron Handels</p>
	<p><b>Skills Training:</b>  <b>PSY4221</b> EEG and ERP (2 credits): Fren Smulders</p>
	<p><b>Workshop:</b>  <b>PSY5332</b> Behavioural Tests and Models (1 credit): Jos Prickaerts  <b>PSY5333</b> Advanced Genetics (1 credits): Gunter Kenis</p>
<p><b>Throughout Year 2</b></p>	<p>Electives:  <b>PSY4161</b> Elective: Laboratory Animal Sciences (elective) (3 credits): Saskia Seeldrayers  <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</p>
<p><b>32 weeks</b></p>	<p><b>PSY5107</b> Research Proposal (1 credit), <b>PSY5120</b> Research Internship Graded (10 credits)/<b>PSY5121</b> Research Internship Ungraded (25 credits) &amp; <b>PSY5103</b> Master’s Thesis (14 credits): Gerda Kraag</p>

## Overview RM in Neuropsychology (NP)

Research Master in Neuropsychology (NP) Year 1 (2021-2022) Specialisation Coordinator: Arjan Blokland	
<b>Period 0</b>	Introduction week: <b>PSY4958</b> Introduction in Problem-Based Learning (training for non-UM students*) (- credits): Wladimir van Mansum
<b>Throughout Year 1</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>Period 1</b> 30-08-2021 22-10-2021	<b>Core courses:</b> <b>PSY4407</b> Brain Damage (4 credits): Sonja Kotz <b>PSY4408</b> Behavioural Disorders (4 credits): Michael Schwartz <b>PSY4106</b> Advanced Statistics I (total of 3 credits): Jan Schepers <i>Practical Training:</i> <b>PSY4119</b> SPSS I and Lisrel: Jan Schepers
	<b>Skills Training:</b> <b>PSY4434</b> Basic Cognitive Psychological Skills (3 credits): Eliza de Sousa Fernandes Perna
<b>Period 2</b> 25-10-2021 17-12-2021	<b>Core courses:</b> <b>PSY4409</b> Arousal and Attention (4 credits): Pim Heckman <b>PSY4416</b> Ageing (4 credits): Martin van Boxtel <b>PSY4106</b> Advanced Statistics I: Jan Schepers <i>Practical Training:</i> <b>PSY4119</b> SPSS I and Lisrel: Jan Schepers
	<b>Skills Training:</b> <b>PSY4433</b> Neuropsychological Assessments (2 credits): Max Colombi
<i>Christmas break</i>	
<b>Period 3</b> 03-01-2022 28-01-2022	<b>Core course:</b> <b>PSY4411</b> Biopsychology (4 credits): Pim Heckman
	<b>Skills Training:</b> <b>PSY4108</b> Neuroanatomy (1 credit): Jos Prickaerts
	<b>PSY4100</b> Colloquia (total of 1 credit): Rudy Schreiber
<b>Period 4</b> 31-01-2022 01-04-2022	<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>PSY4107</b> Advanced Statistics II (total of 3 credits): Gerard van Breukelen <i>Practical Training:</i> <b>PSY4117</b> SPSS II: Gerard van Breukelen
	<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> 04-04-2022 03-06-2022	<b>Core course:</b> <b>PSY4414</b> Neuropsychiatric Disorders (3 credits): Inez Ramakers, Willemijn Jansen <b>PSY4107</b> Advanced Statistics II: Gerard van Breukelen <i>Practical Training:</i> <b>PSY4117</b> SPSS II: Gerard van Breukelen

	<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>Period 6</b> 07-06-2022 01-07-2022	<b>Core course:</b> <b>PSY4415</b> Neuropsychopharmacology (3 credits): Jan Ramaekers
	<b>Workshop:</b> <b>PSY4335</b> Psychopharmacology (1 credit): Peter van Ruitenbeek <b>PSY4114</b> Research Grant Writing Workshop (2 credits): Sebastian Köhler, Ron Handels <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

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<b>Research Master in Neuropsychology (NP) Year 2 (2022-2023)</b>	
<b>Period 1</b> 30-08-2021 22-10-2021	<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
	<b>Workshop:</b> <b>PSY5431</b> Neuropsychological Assessment in Children (1 credit): Esther Keulers
<b>32 weeks</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 RM in Psychopathology (PP)

Research Master in Psychopathology (PP) Year 1 (2021-2022): Anne Roefs Specialisation Coordinator: Anne Roefs	
<b>Period 0</b>	Introduction week: <b>PSY4958</b> Introduction in Problem-Based Learning (training for non-UM students*) (- credits): Wladimir van Mansum
<b>Throughout Year 1</b>	<b>Electives:</b> <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>Period 1</b> 30-08-2021 22-10-2021	<b>Core course:</b> <b>PSY4511</b> Anxiety Disorders (4 credits): Marisol Voncken, Marleen Rijkeboer <b>PSY4512</b> Mood Disorders (total of 4 credits): Frenk Peeters <b>PSY4106</b> Advanced Statistics I (total of 3 credits): Jan Schepers <i>Practical Training: PSY4119</i> SPSS I and Lisrel: 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 Mulken <b>PSY4534</b> Clinical Assessment Instruments (total of 2 credits): Tineke Lataster
<b>Period 2</b> 25-10-2021 17-12-2021	<b>Core course:</b> <b>PSY4512</b> Mood Disorders: Frenk Peeters <b>PSY4513</b> Stress and Trauma (4 credits): Dennis Hernaus, Stella Voulgaropoulou <b>PSY4106</b> Advanced Statistics I: Jan Schepers <i>Practical Training: PSY4119</i> SPSS I and Lisrel: 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, Tineke Lataster <b>PSY4534</b> Clinical Assessment Instruments: Tineke Lataster
<i>Christmas break</i>	
<b>Period 3</b> 03-01-2022 28-01-2022	<b>Core course:</b> <b>PSY4521</b> Bodily Distress Disorders (4 credits): Ann Meulders
	<b>Skills Training:</b> <b>PSY4108</b> Neuroanatomy (1 credit): Jos Prickaerts <b>PSY4534</b> Clinical Assessment Instruments: Tineke Lataster
	<b>PSY4100</b> Colloquia (Total of 1 credit): Rudy Schreiber
<b>Period 4</b> 31-01-2022 01-04-2022	<b>Core course:</b> <b>PSY4514</b> Developmental Psychopathology (4 credits): Peter Muris <b>PSY4519</b> Eating Disorders (4 credits): Lottte Lemmens <b>PSY4107</b> Advanced Statistics II (total of 3 credits): Gerard van Breukelen <i>Practical Training: PSY4117</i> SPSS II: Gerard van Breukelen
	<b>Skills Training:</b> <b>PSY4534</b> Clinical Assessment Instruments: Tineke Lataster

	<p><b>Workshop:</b>  <b>PSY4435</b> Human Neuroimaging (3 credits): Tjeerd Boonstra, Peter van Ruitenbeek</p> <p><b>PSY4100</b> Colloquia: Rudy Schreiber</p>
<b>Period 5</b> 04-04-2022 03-06-2022	<p><b>Core course:</b>  <b>PSY4516</b> Psychosis (4 credits): Dennis Hernaus  <b>PSY4107</b> Advanced Statistics II: Gerard van Breukelen  <i>Practical Training:</i> <b>PSY4117</b> SPSS II: Gerard van Breukelen</p>
	<p><b>Workshop:</b>  <b>PSY4373</b> Introduction to R (1 credit): Ehsan Pishva, Wolfgang Viechtbauer</p>
	<p><b>Skills Training:</b>  <b>PSY4534</b> Clinical Assessment Instruments: Tineke Lataster</p>
	<p><b>PSY4100 Colloquia:</b> Rudy Schreiber</p>
<b>Period 6</b> 07-06-2022 01-07-2022	<p><b>Core course:</b>  <b>PSY4520</b> Mental Health and Happiness (total of 3 credits): Madelon Peters</p>
	<p><b>Workshop:</b>  <b>PSY4335</b> Psychopharmacology (1 credit): Peter van Ruitenbeek  <b>PSY4114</b> Research Grant Writing Workshop (2 credits): Sebastian Köhler, Ron Handels  <b>PSY4371</b> Psychiatric Epidemiology (1 credit): Wolfgang Viechtbauer</p>
	<p><b>Skills Training:</b>  <b>PSY4534</b> Clinical Assessment Instruments: Tineke Lataster</p>
	<p><b>PSY4100 Colloquia:</b> Rudy Schreiber</p>

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Research Master in Psychopathology (PP) Year 2 (2022-2023)	
<b>Period 1</b> 30-08-2021 22-10-2021	<p><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</p>
	<p><b>Skills Training:</b>  <b>PSY5533</b> Clinical Skills III: Clinical Interviews for the DSM 5 (SCID-training) (1 credit): Lotte Lemmens,  <b>PSY5523</b> Clinical Skills IV: Intervention Techniques (2 credits): Lotte Lemmens</p>
<b>32 weeks</b>	<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 of RM in Drug Development and Neurohealth (DN)

Research Master in Drug Development and Neurohealth (DN) Year 1 (2021-2022) Specialisation Coordinator: Rudy Schreiber	
<b>Period 0</b>	Introduction week: <b>PSY4958</b> Introduction in Problem-Based Learning (training for non-UM students*) (- credits): Wladimir van Mansum
<b>Throughout Year 1</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>Period 1</b> 30-08-2021 22-10-2021	<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 <b>OR</b> <b>PSY4312 **</b> Introduction to Psychology (5 credits): Eef Theunissen <i>Practical Training: PSY4353</i> Measuring Cognitive Functions: Nadia Hutten <b>PSY4818</b> Medical Needs & Failures, Target Discovery (3 credits): Rudy Schreiber <b>PSY4106</b> Advanced Statistics I (3 credits): Jan Schepers <i>Practical Training: PSY4119</i> SPSS I and Lisrel: Jan Schepers
	<b>Workshop:</b> <b>PSY4340</b> Introduction in Genetics (1 credits): Gunter kenis
<b>Period 2</b> 25-10-2021 17-12-2021	<b>Core courses:</b> <b>PSY4842</b> Drug Discovery (4 credits): Arjan Blokland, Harald Schmidt <i>Practical Training: PSY4821</i> Robot-based High-Throughput Screening: Arjan Blokland <b>PSY4814</b> Drug Metabolism and Safety (5 credits): Jacco Briedé <b>PSY4106</b> Advanced Statistics I: Jan Schepers <i>Practical Training: PSY4119</i> SPSS I and Lisrel: Jan Schepers
	<b>Workshop:</b> <b>PSY4834</b> Valorisation (2 credit): Rudy Schreiber
<i>Christmas break</i>	
<b>Period 3</b> 03-01-2022 28-01-2022	<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): Jos Prickaerts
	<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> 31-01-2022 01-04-2022	<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): Frank de Vries, Yannick Nielen <b>PSY4107</b> Advanced Statistics II (total of 3 credits): Gerard van Breukelen <i>Practical Training: PSY4117</i> SPSS II: Gerard van Breukelen
	<b>Workshop:</b> <b>PSY4832</b> Biomedical Brain Imaging (3 credits): Dennis Hernaus
	<b>PSY4100</b> Colloquia: Rudy Schreiber
<b>Period 5</b> 04-04-2022 03-06-2022	<b>Core course:</b> <b>PSY4841</b> Psychiatric Neuroscience: Psychopharmacology (4 credits): Daniel van den Hove, Gunter Kenis <i>Practical training: PSY4823</i> 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>PSY4107</b> Advanced Statistics II: Gerard van Breukelen <i>Practical Training: PSY4117</i> SPSS II: Gerard van Breukelen
	<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> 07-06-2022 01-07-2022	<b>Core course:</b> <b>PSY4415</b> Neuropsychopharmacology (total of 3 credits): Jan Ramaekers
	<b>Workshop:</b> <b>PSY4114</b> Research Grant Writing Workshop (2 credits): Sebastian Köhler, Ron Handels
	<b>PSY4100</b> Colloquia: Rudy Schreiber

*\*Students from Erasmus Rotterdam receive an exemption for PBL Training*

*\*\*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 in Drug Development and Neurohealth (DN) Year 2 (2022-2023)</b>	
<b>Period 1</b> 30-08-2021 22-10-2021	<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
	<b>Workshop:</b> <b>PSY5332</b> Behavioural Tests and Models (1 credit): Jos Prickaerts
<b>Throughout 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>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