

## Overview RM in Cognitive Neuroscience (CN)

Period	Research Master in Cognitive Neuroscience (CN) Year 1 (2019-2020) Specialisation Coordinator: Giancarlo Valente
Period 0	Introduction week: <b>PSY4950</b> Introduction in Problem-Based Learning (training for non-UMstudents*) (- credits): Wladimir van Mansum
Throughout Year 1	<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
Period 1	<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
Period 2	<b>Core courses:</b> <b>PSY4253</b> Neuroimaging: Functional MRI (4 credits): Elia Formisano <b>PSY4254</b> Sensorimotor Processing (4 credits): Joel Reithler, Amanda Kaas <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>	
Period 3	<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
Period 4	<b>Core course:</b> <b>PSY4215</b> Advanced fMRI (4 credits): Rainer Goebel <b>PSY4255</b> Brain Connectivity and Connectomics (4 credits): Alard Roebroeck, <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): Alard Roebroeck
	<b>PSY4100</b> Colloquia: Rudy Schreiber

<b>Period 5</b>	<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>PSY4110</b> Scientific Writing (1 credit): Peter Wilms van Kersbergen
	<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>	<b>Core course:</b> <b>PSY4257</b> Translational Neuroscience: Towards Clinical Applications for Disorders of Consciousness: Bettina Sorger
	<b>Workshop:</b> <b>PSY4112</b> Research Grant Writing Workshop (1 credit): Sebastian Köhler, Ron Handels
	<b>PSY4100</b> Colloquia: Rudy Schreiber

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

<b>Period</b>	<b>Research Master in Cognitive Neuroscience (CN) Year 2 2020-2021</b>
<b>Period 1</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, Peter de Weerd
	<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, <b>PSY5120/PSY5121</b> Research Internship & <b>PSY5103</b> Master's Thesis (50 credits): Gerda Kraag

## Overview RM in Neuroeconomics (NE)

Period	Research Master in Neuroeconomics (NE) Year 1 (2019-2020) Specialisation Coordinator: Matthias Wibral
Period 0	Introduction week: <b>PSY4950</b> Introduction in Problem-Based Learning (training for non-UM students*) (- credits): Wladimir van Mansum
Period 1	<b>Core Courses:</b> <b>EBC4182</b> Mathematical Research Tools (6.5 credits): Hans Peters <b>PSY4711</b> Psychology meets Neuroscience meets Economics (4 credits): Teresa Schuhmann, Matthias Wibral <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
Period 2	<b>Core courses:</b> <b>EBC4061</b> Microeconomics I (6.5 credits): Arkadi Predtetchinski <b>PSY4106</b> Advanced Statistics I: Jan Schepers <i>Practical Training: PSY4119</i> SPSS I and Lisrel: Jan Schepers
<i>Christmas break</i>	
Period 3	<b>Core course:</b> <b>PSY4216</b> Noninvasive Magnetic 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
Period 4	<b>Core course:</b> <b>EBC4204</b> Microeconomics II (6.5 credits): Arkadi Predtetchinski <b>PSY4712</b> Social Neuroscience (4 credits): Bernadette Jansma <b>PSY4713</b> Functional Brain Imaging in Neuroeconomics I & II (4 credits): Vincent van de Ven, Bettina Sorger <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>PSY4731</b> Neuroeconomics Meetings (total of 1,5 credits): Arno Riedl
	<b>PSY4100</b> Colloquia: Rudy Schreiber
Period 5	<b>Core course:</b> <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>PSY4713</b> Functional Brain Imaging in Neuroeconomics I & II: Vincent van de Ven, Bettina Sorger
	<b>Skills Training:</b> <b>PSY4224</b> Programming in Matlab Basic Course (2 credits): Giancarlo Valente
	<b>Workshop:</b> <b>PSY4731</b> Neuroeconomics Meetings: Arno Riedl

	<b>PSY4110</b> Scientific Writing (1 credit): Peter Wilms van Kersbergen
	<b>PSY4100</b> Colloquia: Rudy Schreiber
<b>Period 6</b>	<b>Core course:</b> <b>EBS4026</b> Experimental Economics Methods (4 credits): Matthias Wibral
	<b>Workshop:</b> <b>PSY4731</b> Neuroeconomics Meetings: Arno Riedl <b>PSY4112</b> Research Grant Writing Workshop (1 credit): Sebastian Köhler, Ron Handels
	<b>PSY4100</b> Colloquia: Rudy Schreiber

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<b>Period</b>	<b>Research Master in Neuroeconomics (NE) Year 2 (2020-2021)</b>
<b>Period 1</b>	<b>Core course:</b> <b>PSY5112</b> Research Grant Writing Course (3 credits): Sebastian Köhler, Ron Handels <b>EBC4200</b> Behavioural Economics (6 credits): Jona Linde
	<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, <b>PSY5120/PSY5121</b> Research Internship & <b>PSY5103</b> Master's Thesis (50 credits): Gerda Kraag

## Overview RM in Fundamental Neuroscience (FN)

Period	Research Master in Fundamental Neuroscience (FN) Year 1 (2019-2020) Specialisation Coordinator: Jos Prickaerts
Period 0	Introduction week: <b>PSY4950</b> Introduction in Problem-Based Learning (training for non-UM students*) (- credits): Wladimir van Mansum
Throughout Year 1	<p><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</p>
Period 1	<p><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</p>
	<p><b>Workshop:</b>  <b>PSY4113</b> Scientific Writing (1 credit): Peter Wilms van Kersbergen  <b>PSY4340</b> Introduction in Genetics (1 credits): Gunter kenis</p>
Period 2	<p><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</p>
	<p><b>Workshop:</b>  <b>PSY4831</b> Valorisation (1 credit): Mark Govers, Rudy Schreiber, Jos Prickaerts</p>
<i>Christmas break</i>	
Period 3	<p><b>Core courses:</b>  <b>PSY4320</b> Neurological Neuroscience (5 credits): Govert Hoogland  <i>Practical Training: PSY4347</i> 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>
Period 4	<p><b>Core courses:</b>  <b>PSY4317</b> Neuroimmunology and Inflammation (5 credits): Mario Losen, Pilar Martinez-Martinez  <i>Practical Training: PSY4349</i> Neuroinflammation: Mario Losen</p>

	<p><b>PSY4336</b> Neuroplasticity and Pain (5 credits): Bert Joosten  <i>Practical Training: PSY4346</i> Cell Culture: Bert Joosten  <b>PSY4107</b> Advanced Statistics II (total of 3 credits): Gerard van Breukelen  <i>Practical Training: PSY4117</i> SPSS II: Gerard van Breukelen</p>
	<p><b>Workshop:</b>  <b>PSY4832</b> Biomedical Brain Imaging (3 credits): Dennis Hernaus</p>
	<p><b>PSY4100</b> Colloquia: Rudy Schreiber</p>
<b>Period 5</b>	<p><b>Core courses:</b>  <b>PSY4321</b> Psychiatric Neuroscience (5 credits): Daniel van den Hove, Gunter Kenis  <i>Practical Training: PSY4352</i> Western Blotting: 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</p>
	<p><b>PSY4100</b> Colloquia: Rudy Schreiber</p>
<b>Period 6</b>	<p><b>Workshop:</b>  <b>PSY4112</b> Research Grant Writing Workshop (1 credit): 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.*

Period	Research Master in Fundamental Neuroscience (FN) Year 2 (2020-2021)
<b>Period 1</b>	<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>
Throughout Year 2	<p><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</p>
<b>32 weeks</b>	<p><b>PSY5107</b> Research Proposal, <b>PSY5120/PSY5121</b> Research Internship &amp; <b>PSY5103</b> Master’s Thesis (50 credits): Gerda Kraag</p>

## Overview RM in Neuropsychology (NP)

Period	Research Master in Neuropsychology (NP) Year 1 (2019-2020) Specialisation Coordinator: Sven Stapert
Period 0	Introduction week: <b>PSY4950</b> Introduction in Problem-Based Learning (training for non-UM students*) (- credits): Wladimir van Mansum
Throughout Year 1	<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
Period 1	<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>PSY4433</b> Neuropsychological Assessments (2 credits): Sven Stapert
Period 2	<b>Core courses:</b> <b>PSY4409</b> Arousal and Attention (4 credits): Tjeerd Boonstra <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>PSY4434</b> Basic Cognitive Psychological Skills (3 credits): Eric Vuurman
<i>Christmas break</i>	
Period 3	<b>Core course:</b> <b>PSY4411</b> Biopsychology (4 credits): Arjan Blokland
	<b>Skills Training:</b> <b>PSY4108</b> Neuroanatomy (1 credit): Jos Prickaerts
	<b>PSY4100</b> Colloquia (total of 1 credit): Rudy Schreiber
Period 4	<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): Peter Stiers, Heidi Jacobs
	<b>PSY4100 Colloquia:</b> Rudy Schreiber
Period 5	<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>Workshop:</b> <b>PSY4110</b> Scientific Writing (1 credit): Peter Wilms van Kersbergen

	<b>Skills Training:</b> <b>PSY4423</b> Neuropsychology in Practice: From Test Results to Report and Advice: Caroline van Heugten, Rudolf Ponds <b>PSY4424</b> Neuropsychological Rehabilitation (total of 2 credit): Caroline van Heugten
	<b>PSY4100</b> Colloquia: Rudy Schreiber
<b>Period 6</b>	<b>Core course:</b> <b>PSY4415</b> Neuropsychopharmacology (total of 3 credits): Jan Ramaekers
	<b>Workshop:</b> <b>PSY4335</b> Psychopharmacology (1 credit): Peter van Ruitenbeek <b>PSY4112</b> Research Grant Writing Workshop (1 credit): 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>Period</b>	<b>Research Master in Neuropsychology (NP) Year 2 (2020-2021)</b>
<b>Period 1</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
	<b>Workshop:</b> <b>PSY5431</b> Neuropsychological Assessment in Children (1 credit): Esther Keulers
<b>32 weeks</b>	<b>PSY5107</b> Research Proposal, <b>PSY5120/PSY5121</b> (research option) <b>PSY5122/PSY5123</b> (clinical option) Research Internship & <b>PSY5103</b> Master's Thesis (50 credits) OR <b>PSY5109</b> Master's Thesis (30 credits): Ingrid Candel
	<b>PSY5108</b> Research Proposal Minor's Thesis, <b>PSY5104</b> Clinical Internship, <b>PSY5111</b> Clinical Activities Report & <b>PSY5105</b> Minor's Thesis (20 credits): Gerda Kraag



## Overview RM in Psychopathology (PP)

Period	Research Master in Psychopathology (PP) Year 1 (2019-2020): Anne Roefs Specialisation Coordinator: Anne Roefs
Period 0	Introduction week: <b>PSY4950</b> Introduction in Problem-Based Learning (training for non-UM students*) (- credits): Wladimir van Mansum
Throughout Year 1	<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
Period 1	<b>Core course:</b> <b>PSY4511</b> Anxiety Disorders (4 credits): Marisol Voncken <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>Workshop:</b> <b>PSY4113</b> Scientific Writing (1 credit): Peter Wilms van Kersbergen
	<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): Tineke Lataster
Period 2	<b>Core course:</b> <b>PSY4512</b> Mood Disorders: Frenk Peeters <b>PSY4513</b> Stress and Trauma (4 credits): Dennis Hernaus <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): Cécile Henquet <b>PSY4534</b> Clinical Assessment Instruments: Tineke Lataster
<i>Christmas break</i>	
Period 3	<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
Period 4	<b>Core course:</b> <b>PSY4514</b> Developmental Psychopathology (4 credits): Peter Muris <b>PSY4519</b> Eating Disorders (4 credits): Anita Jansen <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

	<b>Workshop:</b> <b>PSY4435</b> Human Neuroimaging (3 credits): Peter Stiers, Heidi Jacobs
	<b>PSY4100</b> Colloquia: Rudy Schreiber
<b>Period 5</b>	<b>Core course:</b> <b>PSY4516</b> Psychosis (4 credits): Dennis Hernaus <b>PSY4107</b> Advanced Statistics II: 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
	<b>Workshop:</b> <b>PSY4542</b> The Application of Cognitive Methods in Psychopathology Research (1 credit): Katrijn Houben
	<b>PSY4100</b> Colloquia: Rudy Schreiber
<b>Period 6</b>	<b>Core course:</b> <b>PSY4520</b> Mental Health and Happiness (total of 3 credits): Madelon Peters
	<b>Workshop:</b> <b>PSY4335</b> Psychopharmacology (1 credit): Peter van Ruitenbeek <b>PSY4112</b> Research Grant Writing Workshop (1 credit): Sebastian Köhler, Ron Handels <b>PSY4371</b> Psychiatric Epidemiology (1 credit): Wolfgang Viechtbauer
	<b>Skills Training:</b> <b>PSY4534</b> Clinical Assessment Instruments: Tineke Lataster
	<b>PSY4100</b> Colloquia: Rudy Schreiber

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<b>Period</b>	<b>Research Master in Psychopathology (PP) Year 2 (2020-2021)</b>
<b>Period 1</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): Lotte Lemmens <b>PSY5523</b> Clinical Skills IV: Intervention Techniques (2 credit): Lotte Lemmens
<b>32 weeks</b>	<b>PSY5107</b> Research Proposal, <b>PSY5120/PSY5121</b> (research option) <b>PSY5122/PSY5123</b> (clinical option) Research Internship & <b>PSY5103</b> Master's Thesis (50 credits) OR <b>PSY5109</b> Master's Thesis (30 credits): Gerda Kraag
	<b>PSY5108</b> Research Proposal Minor's Thesis, <b>PSY5104</b> Clinical Internship, <b>PSY5111</b> Clinical Activities Report & <b>PSY5105</b> Minor's Thesis (20 credits): Gerda Kraag

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

Period	Research Master in Drug Development and Neurohealth (DN) Year 1 (2019-2020) Specialisation Coordinator: Rudy Schreiber
Period 0	Introduction week: <b>PSY4950</b> Introduction in Problem-Based Learning (training for non-UM students*) (- credits): Wladimir van Mansum
Throughout Year 1	<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 OR <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
Period 1	<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>PSY4113</b> Scientific Writing (1 credit): Peter Wilms van Kersbergen <b>PSY4340</b> Introduction in Genetics (1 credits): Gunter kenis
Period 2	<b>Core courses:</b> <b>PSY4812</b> Drug Discovery (5 credits): Arjan Blokland, Harald Schmidt <i>Practical Training: PSY4821</i> Robot-based High-Throughput Screening: Arjan Blokland, Harald Schmidt <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>PSY4831</b> Valorisation (1 credit): Mark Govers, Rudy Schreiber, Jos Prickaerts
<i>Christmas break</i>	
Period 3	<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
Period 4	<b>Core course:</b> <b>PSY4820</b> Clinical Development (4 credits): Rudy Schreiber <b>PSY4816</b> Pharmacoepidemiology, Drug Safety & Pharmaceutical Policy (4 credits): Frank de Vries,

	Annemariëk Driessen <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>	<b>Core course:</b> <b>PSY4840</b> Psychiatric Neuroscience: Psychopharmacology (5 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>Period 6</b>	<b>Core course:</b> <b>PSY4415</b> Neuropsychopharmacology (total of 3 credits): Jan Ramaekers
	<b>Workshop:</b> <b>PSY4112</b> Research Grant Writing Workshop (1 credit): 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.*

Period	Research Master in Drug Development and Neurohealth (DN) Year 2 (2020-2021)
<b>Period 1</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): Jan Ramaekers, 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 OR <b>OR</b> <b>PSY4159</b> Double Elective Research (6 credits): Vincent van de Ven OR <b>PSY4160</b> Double Elective: Review FN or DN (6 credits): Vincent van de Ven
<b>32 weeks</b>	<b>PSY5107</b> Research Proposal, <b>PSY5120/PSY5121</b> Research Internship & <b>PSY5103</b> Master's Thesis (50 credits): Gerda Kraag