

Overview RM in Cognitive Neuroscience (CN)

| Period | Research Master in Cognitive Neuroscience (CN) Year 1 (2019-2020) Specialisation Coordinator: Giancarlo Valente |
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| Period 0 | Introduction week: PSY4950 Introduction in Problem-Based Learning (training for non-UM students*) (- credits): Wladimir van Mansum |
| Throughout Year 1 | Electives: PSY4156 Elective: Course OR PSY4157 Elective: Review OR PSY4158 Elective: Research (3 credits each): Vincent van de Ven |
| Period 1 | Core Courses: PSY4251 Auditory and Higher Order Language Processing (4 credits): Bernadette Jansma PSY4252 Perception and Attention (4 credits): Peter De Weerd PSY4106 Advanced Statistics I (3 credits): Jan Schepers <i>Practical Training:</i> PSY4119 SPSS I and Lisrel Jan Schepers |
| | Skills Training: PSY4221 EEG and ERP (2 credits): Fren Smulders |
| Period 2 | Core courses: PSY4253 Neuroimaging: Functional MRI (4 credits): Elia Formisano PSY4254 Sensorimotor Processing (4 credits): Joel Reithler, Amanda Kaas PSY4106 Advanced Statistics I: Jan Schepers <i>Practical Training:</i> PSY4119 SPSS I and Lisrel Jan Schepers |
| | Skills Training: PSY4227 fMRI (2 credits): Elia Formisano, Federico De Martino |
| <i>Christmas break</i> | |
| Period 3 | Core course: PSY4216 Noninvasive Brain Stimulation (NIBS) (4 credits): Alexander Sack, Tom de Graaf |
| | Skills Training: PSY4108 Neuroanatomy (1 credit): Jos Prickaerts |
| | Workshop: PSY4233 Methods of Deactivation (1 credit): Teresa Schuhmann |
| | PSY4100 Colloquia (total of 1 credit): Rudy Schreiber |
| Period 4 | Core course: PSY4215 Advanced fMRI (4 credits): Rainer Goebel PSY4255 Brain Connectivity and Connectomics (4 credits): Alard Roebroeck, PSY4107 Advanced Statistics II (total of 3 credits): Gerard van Breukelen <i>Practical Training:</i> PSY4117 SPSS II: Gerard van Breukelen |
| | Workshop: PSY4231 Real-Time fMRI and Neurofeedback (1 credit): Rainer Goebel, Bettina Sorger |
| | Skills Training: PSY4228 Diffusion Weighted Imaging and Fibre Tracking (1 credit): Alard Roebroeck |
| | PSY4100 Colloquia: Rudy Schreiber |

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| Period 5 | Core course: PSY4257 Translational Neuroscience: Towards Clinical Applications for Disorders of Consciousness (4 credits): Bettina Sorger PSY4256 Timing Neural Processing with EEG and MEG (4 credits): Fren Smulders PSY4107 Advanced Statistics II: Gerard van Breukelen <i>Practical Training: PSY4117</i> SPSS II: Gerard van Breukelen |
| | Workshop: PSY4237 Basic Mathematical Methods (2 credits): Giancarlo Valente PSY4110 Scientific Writing (1 credit): Peter Wilms van Kersbergen |
| | Skills Training: PSY4224 Programming in Matlab Basic Course (2 credits): Giancarlo Valente |
| | PSY4100 Colloquia: Rudy Schreiber |
| Period 6 | Core course: PSY4257 Translational Neuroscience: Towards Clinical Applications for Disorders of Consciousness: Bettina Sorger |
| | Workshop: PSY4112 Research Grant Writing Workshop (1 credit): Sebastian Köhler, Ron Handels |
| | PSY4100 Colloquia: Rudy Schreiber |

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

| Period | Research Master in Cognitive Neuroscience (CN) Year 2 2020-2021 |
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| Period 1 | Core course: PSY5112 Research Grant Writing Course (3 credits): Sebastian Köhler, Ron Handels PSY5213 The Brain's Engram: Memorising Experiences and Experiencing Memory (4 credits): Vincent van de Ven, Peter de Weerd |
| | Workshop: PSY5231 Signal Analysis (2 credits): Giancarlo Valente |
| | Skills Training: PSY5223 Programming in Matlab Advanced Course (1 credit): Giancarlo Valente |
| 32 weeks | PSY5107 Research Proposal, PSY5120/PSY5121 Research Internship & PSY5103 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 |
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| Period 0 | Introduction week: PSY4950 Introduction in Problem-Based Learning (training for non-UM students*) (- credits): Wladimir van Mansum |
| Period 1 | Core Courses: EBC4182 Mathematical Research Tools (6.5 credits): Hans Peters PSY4711 Psychology meets Neuroscience meets Economics (4 credits): Teresa Schuhmann, Matthias Wibral PSY4106 Advanced Statistics I (3 credits): Jan Schepers <i>Practical Training:</i> PSY4119 SPSS I and Lisrel Jan Schepers |
| | Skills Training: PSY4221 EEG and ERP (2 credits): Fren Smulders |
| Period 2 | Core courses: EBC4061 Microeconomics I (6.5 credits): Arkadi Predtetchinski PSY4106 Advanced Statistics I: Jan Schepers <i>Practical Training:</i> PSY4119 SPSS I and Lisrel: Jan Schepers |
| <i>Christmas break</i> | |
| Period 3 | Core course: PSY4216 Noninvasive Magnetic Brain Stimulation (NIBS) (4 credits): Alexander Sack, Tom de Graaf |
| | Skills Training: PSY4108 Neuroanatomy (1 credit): Jos Prickaerts |
| | Workshop: PSY4233 Methods of Deactivation (1 credit): Teresa Schuhmann |
| | PSY4100 Colloquia (total of 1 credit): Rudy Schreiber |
| Period 4 | Core course: EBC4204 Microeconomics II (6.5 credits): Arkadi Predtetchinski PSY4712 Social Neuroscience (4 credits): Bernadette Jansma PSY4713 Functional Brain Imaging in Neuroeconomics I & II (4 credits): Vincent van de Ven, Bettina Sorger PSY4107 Advanced Statistics II (total of 3 credits): Gerard van Breukelen <i>Practical Training:</i> PSY4117 SPSS II: Gerard van Breukelen |
| | Workshop: PSY4731 Neuroeconomics Meetings (total of 1,5 credits): Arno Riedl |
| | PSY4100 Colloquia: Rudy Schreiber |
| Period 5 | Core course: PSY4256 Timing Neural Processing with EEG and MEG (4 credits): Fren Smulders PSY4107 Advanced Statistics II: Gerard van Breukelen <i>Practical Training:</i> PSY4117 SPSS II: Gerard van Breukelen PSY4713 Functional Brain Imaging in Neuroeconomics I & II: Vincent van de Ven, Bettina Sorger |
| | Skills Training: PSY4224 Programming in Matlab Basic Course (2 credits): Giancarlo Valente |
| | Workshop: PSY4731 Neuroeconomics Meetings: Arno Riedl |

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

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| Period | Research Master in Neuroeconomics (NE) Year 2 (2020-2021) |
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| Period 1 | Core course: PSY5112 Research Grant Writing Course (3 credits): Sebastian Köhler, Ron Handels EBC4200 Behavioural Economics (6 credits): Jona Linde |
| | Skills Training: PSY5223 Programming in Matlab Advanced Course (1 credit): Giancarlo Valente |
| 32 weeks | PSY5107 Research Proposal, PSY5120/PSY5121 Research Internship & PSY5103 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: PSY4950 Introduction in Problem-Based Learning (training for non-UM students*) (- credits): Wladimir van Mansum |
| Throughout Year 1 | Electives: PSY4161 Elective: Laboratory Animal Sciences (elective) (3 credits): Saskia Seeldrayers PSY4156 Elective: Course OR PSY4157 Elective: Review OR PSY4158 Elective: Research (3 credits each): Vincent van de Ven OR PSY4159 Double Elective: Research (6 credits): Vincent van de Ven OR PSY4160 Double Elective: Review (6 credits): Vincent van de Ven |
| Period 1 | Core courses: ** PSY4311 ** Introduction to Molecular Biochemical Techniques (5 credits): Gunter Kenis <i>Practical Training:</i> PSY4341 Genes and Proteins: Gunter Kenis OR PSY4312 ** Introduction to Psychology (5 credits): Eef Theunissen <i>Practical Training:</i> PSY4353 Measuring Cognitive Functions: Nadia Hutten PSY4313 Neuroanatomy (4 credits): Jörg Mey <i>Practical Training:</i> PSY4344 Mammalian Macro- and Microscopical Neuroanatomy: Jörg Mey PSY4106 Advanced Statistics I (3 credits): Jan Schepers <i>Practical Training:</i> PSY4119 SPSS I and Lisrel: Jan Schepers |
| | Workshop: PSY4113 Scientific Writing (1 credit): Peter Wilms van Kersbergen PSY4340 Introduction in Genetics (1 credits): Gunter kenis |
| Period 2 | Core courses: PSY4314 Neurodegeneration (4 credits): Tim Vanmierlo <i>Practical Training:</i> PSY4351 Immunocytochemical Staining of Human Postmortem Tissue and Evaluation of the Staining using the Multihead Microscope: Bart Rutten PSY4315 Biopsychological Neuroscience (4 credits): Jos Prickaerts <i>Practical Training:</i> PSY4343 Neuropsychological Experiment: Jos Prickaerts PSY4106 Advanced Statistics I: Jan Schepers <i>Practical Training:</i> PSY4119 SPSS I and Lisrel: Jan Schepers |
| | Workshop: PSY4831 Valorisation (1 credit): Mark Govers |
| <i>Christmas break</i> | |
| Period 3 | Core courses: PSY4320 Neurological Neuroscience (5 credits): Govert Hoogland <i>Practical Training:</i> PSY4347 Genotyping your NMDA Receptor: Govert Hoogland |
| | Workshop: PSY4332 Surgery for Intractable Movement and Psychiatric Disorders (1 credit): Ali Jahanshahianvar PSY4100 Colloquia (total of 1 credit): Rudy Schreiber |
| Period 4 | Core courses: PSY4317 Neuroimmunology and Inflammation (5 credits): Mario Losen, Pilar Martinez-Martinez <i>Practical Training:</i> PSY4349 Neuroinflammation: Mario Losen |

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| | <p>PSY4336 Neuroplasticity and Pain (5 credits): Bert Joosten <i>Practical Training: PSY4346</i> Cell Culture: Bert Joosten PSY4107 Advanced Statistics II (total of 3 credits): Gerard van Breukelen <i>Practical Training: PSY4117</i> SPSS II: Gerard van Breukelen</p> |
| | <p>Workshop: PSY4832 Biomedical Brain Imaging (3 credits): Dennis Hernaus</p> |
| | <p>PSY4100 Colloquia: Rudy Schreiber</p> |
| Period 5 | <p>Core courses: PSY4321 Psychiatric Neuroscience (5 credits): Daniel van den Hove, Gunter Kenis <i>Practical Training: PSY4352</i> Western Blotting: Daniel van den Hove, Gunter Kenis PSY4322 Electrophysiology: From Single Cell Activity to ‘Cognitive’ Markers (4 credits): Anke Sambeth PSY4107 Advanced Statistics II: Gerard van Breukelen <i>Practical Training: PSY4117</i> SPSS II: Gerard van Breukelen</p> |
| | <p>PSY4100 Colloquia: Rudy Schreiber</p> |
| Period 6 | <p>Workshop: PSY4112 Research Grant Writing Workshop (1 credit): Sebastian Köhler, Ron Handels PSY4371 Psychiatric Epidemiology (1 credit): Wolfgang Viechtbauer</p> |
| | <p>PSY4100 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) |
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| Period 1 | <p>Core course: PSY5112 Research Grant Writing Course (3 credits): Sebastian Köhler, Ron Handels</p> |
| | <p>Skills Training: PSY4221 EEG and ERP (2 credits): Fren Smulders</p> |
| | <p>Workshop: PSY5332 Behavioural Tests and Models (1 credit): Jos Prickaerts PSY5333 Advanced Genetics (1 credits): Gunter Kenis</p> |
| Throughout Year 2 | <p>Electives: PSY4161 Elective: Laboratory Animal Sciences (elective) (3 credits): Saskia Seeldrayers PSY4156 Elective: Course OR PSY4157 Elective: Review OR PSY4158 Elective: Research (3 credits each): Vincent van de Ven OR PSY4159 Double Elective: Research (6 credits): Vincent van de Ven OR PSY4160 Double Elective: Review (6 credits): Vincent van de Ven</p> |
| 32 weeks | <p>PSY5107 Research Proposal, PSY5120/PSY5121 Research Internship & PSY5103 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: PSY4950 Introduction in Problem-Based Learning (training for non-UM students*) (- credits): Wladimir van Mansum |
| Throughout Year 1 | Electives: PSY4156 Elective: Course OR PSY4157 Elective: Review OR PSY4158 Elective: Research (3 credits each): Vincent van de Ven |
| Period 1 | Core courses: PSY4407 Brain Damage (4 credits): Sonja Kotz PSY4408 Behavioural Disorders (4 credits): Michael Schwartz PSY4106 Advanced Statistics I (total of 3 credits): Jan Schepers <i>Practical Training:</i> PSY4119 SPSS I and Lisrel: Jan Schepers |
| | Skills Training: PSY4433 Neuropsychological Assessments (2 credits): Sven Stapert |
| Period 2 | Core courses: PSY4409 Arousal and Attention (4 credits): Tjeerd Boonstra PSY4416 Ageing (4 credits): Martin van Boxtel PSY4106 Advanced Statistics I: Jan Schepers <i>Practical Training:</i> PSY4119 SPSS I and Lisrel: Jan Schepers |
| | Skills Training: PSY4434 Basic Cognitive Psychological Skills (3 credits): Eric Vuurman |
| <i>Christmas break</i> | |
| Period 3 | Core course: PSY4411 Biopsychology (4 credits): Arjan Blokland |
| | Skills Training: PSY4108 Neuroanatomy (1 credit): Jos Prickaerts |
| | PSY4100 Colloquia (total of 1 credit): Rudy Schreiber |
| Period 4 | Core course: PSY4417 Stress, the Brain and Depression (3 credits): Rob Markus PSY4413 Executive Control (4 credits): Eric Vuurman PSY4107 Advanced Statistics II (total of 3 credits): Gerard van Breukelen <i>Practical Training:</i> PSY4117 SPSS II: Gerard van Breukelen |
| | PSY4100 Colloquia: Rudy Schreiber |
| Period 5 | Core course: PSY4414 Neuropsychiatric Disorders (3 credits): Inez Ramakers, Willemijn Jansen PSY4107 Advanced Statistics II: Gerard van Breukelen <i>Practical Training:</i> PSY4117 SPSS II: Gerard van Breukelen |
| | Workshop: PSY4435 Human Neuroimaging (3 credits): Peter Stiers, Heidi Jacobs PSY4110 Scientific Writing (1 credit): Peter Wilms van Kersbergen |

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| | <p>Skills Training: PSY4423 Neuropsychology in Practice: From Test Results to Report and Advice: Caroline van Heugten, Rudolf Ponds PSY4424 Neuropsychological Rehabilitation (total of 2 credit): Caroline van Heugten</p> |
| | <p>PSY4100 Colloquia: Rudy Schreiber</p> |
| Period 6 | <p>Core course: PSY4415 Neuropsychopharmacology (total of 3 credits): Jan Ramaekers</p> |
| | <p>Workshop: PSY4335 Psychopharmacology (1 credit): Peter van Ruitenbeek PSY4112 Research Grant Writing Workshop (1 credit): Sebastian Köhler, Ron Handels PSY4371 Psychiatric Epidemiology (1 credit): Wolfgang Viechtbauer</p> |
| | <p>Skills Training: PSY4424 Neuropsychological Rehabilitation: Caroline van Heugten</p> |
| | <p>PSY4100 Colloquia: Rudy Schreiber</p> |

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

| Period | Research Master in Neuropsychology (NP) Year 2 (2020-2021) |
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| Period 1 | <p>Core course: PSY5112 Research Grant Writing Course (3 credits): Sebastian Köhler, Ron Handels PSY5411 Cognitive Development (3 credits): Esther Keulers PSY5414 Brain, Learning and Memory (3 credits): Peter van Ruitenbeek</p> |
| | <p>Workshop: PSY5431 Neuropsychological Assessment in Children (1 credit): Esther Keulers</p> |
| 32 weeks | <p>PSY5107 Research Proposal, PSY5120/PSY5121 (research option) PSY5122/PSY5123 (clinical option) Research Internship & PSY5103 Master's Thesis (50 credits) OR PSY5109 Master's Thesis (30 credits): Ingrid Candel</p> |
| | <p>PSY5108 Research Proposal Minor's Thesis, PSY5104 Clinical Internship, PSY5111 Clinical Activities Report & PSY5105 Minor's Thesis (20 credits): Gerda Kraag</p> |

Overview RM in Psychopathology (PP)

| Period | Research Master in Psychopathology (PP) Year 1 (2019-2020): Anne Roefs Specialisation Coordinator: Anne Roefs |
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| Period 0 | Introduction week: PSY4950 Introduction in Problem-Based Learning (training for non-UM students*) (- credits): Wladimir van Mansum |
| Throughout Year 1 | Electives: PSY4156 Elective: Course AND/OR PSY4157 Elective: Review AND/OR PSY4158 Elective: Research (5 credits in total): Vincent van de Ven |
| Period 1 | Core course: PSY4511 Anxiety Disorders (4 credits): Marisol Voncken PSY4512 Mood Disorders (total of 4 credits): Frenk Peeters PSY4106 Advanced Statistics I (total of 3 credits): Jan Schepers <i>Practical Training: PSY4119</i> SPSS I and Lisrel: Jan Schepers |
| | Workshop: PSY4113 Scientific Writing (1 credit): Peter Wilms van Kersbergen |
| | Skills Training: PSY4531 Research Practical Psychometrics (total of 2 credits): Wolfgang Viechtbauer PSY4532 Clinical Skills I: Interviewing Skills (2 credits): Sandra Mulkens PSY4534 Clinical Assessment Instruments (total of 2 credits): Tineke Lataster |
| Period 2 | Core course: PSY4512 Mood Disorders: Frenk Peeters PSY4513 Stress and Trauma (4 credits): Dennis Hernaus PSY4106 Advanced Statistics I: Jan Schepers <i>Practical Training: PSY4119</i> SPSS I and Lisrel: Jan Schepers |
| | Skills Training: PSY4531 Research Practical Psychometrics: Wolfgang Viechtbauer PSY4533 Clinical Skills II: Diagnostic Test Procedures (2 credits): Cécile Henquet PSY4534 Clinical Assessment Instruments: Tineke Lataster |
| <i>Christmas break</i> | |
| Period 3 | Core course: PSY4521 Bodily Distress Disorders (4 credits): Johan Vlaeyen, Marjolein Hanssen |
| | Skills Training: PSY4108 Neuroanatomy (1 credit): Jos Prickaerts PSY4534 Clinical Assessment Instruments: Tineke Lataster |
| | PSY4100 Colloquia (Total of 1 credit): Rudy Schreiber |
| Period 4 | Core course: PSY4514 Developmental Psychopathology (4 credits): Peter Muris PSY4519 Eating Disorders (4 credits): Anita Jansen PSY4107 Advanced Statistics II (total of 3 credits): Gerard van Breukelen <i>Practical Training: PSY4117</i> SPSS II: Gerard van Breukelen |
| | Skills Training: PSY4534 Clinical Assessment Instruments: Tineke Lataster |

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| | <p>Workshop: PSY4542 The Application of Cognitive Methods in Psychopathology Research (1 credit): Katrijn Houben</p> |
| | <p>PSY4100 Colloquia: Rudy Schreiber</p> |
| Period 5 | <p>Core course: PSY4516 Psychosis (4 credits): Dennis Hernaus PSY4107 Advanced Statistics II: Gerard van Breukelen <i>Practical Training:</i> PSY4117 SPSS II: Gerard van Breukelen</p> |
| | <p>Workshop: PSY4435 Human Neuroimaging (3 credits): Peter Stiers, Heidi Jacobs</p> |
| | <p>Skills Training: PSY4534 Clinical Assessment Instruments: Tineke Lataster</p> |
| | <p>PSY4100 Colloquia: Rudy Schreiber</p> |
| Period 6 | <p>Core course: PSY4520 Mental Health and Happiness (total of 3 credits): Madelon Peters</p> |
| | <p>Workshop: PSY4335 Psychopharmacology (1 credit): Peter van Ruitenbeek PSY4112 Research Grant Writing Workshop (1 credit): Sebastian Köhler, Ron Handels PSY4371 Psychiatric Epidemiology (1 credit): Wolfgang Viechtbauer</p> |
| | <p>Skills Training: PSY4534 Clinical Assessment Instruments: Tineke Lataster</p> |
| | <p>PSY4100 Colloquia: Rudy Schreiber</p> |

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

| Period | Research Master in Psychopathology (PP) Year 2 (2020-2021) |
|-----------------|--|
| Period 1 | <p>Core course: PSY5112 Research Grant Writing Course (3 credits): Sebastian Köhler, Ron Handels PSY5511 Personality Disorders (4 credits): Jill Lobbestael</p> |
| | <p>Skills Training: PSY5533 Clinical Skills III: Clinical Interviews for the DSM 5 (SCID-training) (1 credit): Lotte Lemmens PSY5523 Clinical Skills IV: Intervention Techniques (2 credit): Lotte Lemmens</p> |
| 32 weeks | <p>PSY5107 Research Proposal, PSY5120/PSY5121 (research option) PSY5122/PSY5123 (clinical option) Research Internship & PSY5103 Master's Thesis (50 credits) OR PSY5109 Master's Thesis (30 credits): Gerda Kraag</p> |
| | <p>PSY5108 Research Proposal Minor's Thesis, PSY5104 Clinical Internship, PSY5111 Clinical Activities Report & PSY5105 Minor's Thesis (20 credits): Gerda Kraag</p> |

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: PSY4950 Introduction in Problem-Based Learning (training for non-UM students*) (- credits): Wladimir van Mansum |
| Throughout Year 1 | Electives: PSY4156 Elective: Course OR PSY4157 Elective: Review OR PSY4158 Elective: Research (3 credits each): Vincent van de Ven OR OR PSY4159 Double Elective: Research (6 credits): Vincent van de Ven OR PSY4160 Double Elective: Review (6 credits): Vincent van de Ven |
| Period 1 | Core Courses: ** PSY4311** Introduction to Molecular Biochemical Techniques (5 credits): Gunter Kenis <i>Practical Training: PSY4341</i> Genes and Proteins: Gunter Kenis OR PSY4312 ** Introduction to Psychology (5 credits): Eef Theunissen <i>Practical Training: PSY4353</i> Measuring Cognitive Functions: Nadia Hutten PSY4818 Medical Needs & Failures, Target Discovery (3 credits): Rudy Schreiber PSY4106 Advanced Statistics I (3 credits): Jan Schepers <i>Practical Training: PSY4119</i> SPSS I and Lisrel: Jan Schepers Workshop: PSY4113 Scientific Writing (1 credit): Peter Wilms van Kersbergen PSY4340 Introduction in Genetics (1 credits): Gunter kenis |
| Period 2 | Core courses: PSY4812 Drug Discovery (5 credits): Arjan Blokland, Harald Schmidt <i>Practical Training: PSY4821</i> Robot-based High-Throughput Screening: Arjan Blokland, Harald Schmidt PSY4814 Drug Metabolism and Safety (5 credits): Jacco Briedé PSY4106 Advanced Statistics I: Jan Schepers <i>Practical Training: PSY4119</i> SPSS I and Lisrel: Jan Schepers Workshop: PSY4831 Valorisation (1 credit): Mark Govers |
| <i>Christmas break</i> | |
| Period 3 | Core course: PSY4819 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 Skills Training: PSY4108 Neuroanatomy (1 credit): Jos Prickaerts Workshop: PSY4833 Drug Discovery & Development Project Management (1 credit): Rudy Schreiber PSY4100 Colloquia (total of 1 credit): Rudy Schreiber |
| Period 4 | Core course: PSY4820 Clinical Development (4 credits): Rudy Schreiber PSY4816 Pharmacoepidemiology, Drug Safety & Pharmaceutical Policy (4 credits): Frank de Vries, |

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| | Annemariëk Driessen PSY4107 Advanced Statistics II (total of 3 credits): Gerard van Breukelen <i>Practical Training: PSY4117</i> SPSS II: Gerard van Breukelen |
| | Workshop: PSY4832 Biomedical Brain Imaging (3 credits): Dennis Hernaus |
| | PSY4100 Colloquia: Rudy Schreiber |
| Period 5 | Core course: PSY4840 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 PSY4322 Electrophysiology: From Single Cell Activity to 'Cognitive' Markers (4 credits): Anke Sambeth PSY4107 Advanced Statistics II: Gerard van Breukelen <i>Practical Training: PSY4117</i> SPSS II: Gerard van Breukelen |
| | PSY4100 Colloquia: Rudy Schreiber |
| Period 6 | Core course: PSY4415 Neuropsychopharmacology (total of 3 credits): Jan Ramaekers |
| | Workshop: PSY4112 Research Grant Writing Workshop (1 credit): Sebastian Köhler, Ron Handels |
| | PSY4100 Colloquia: Rudy Schreiber |

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| Period | Research Master in Drug Development and Neurohealth (DN) Year 2 (2020-2021) |
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| Period 1 | Core course: PSY5112 Research Grant Writing Course (3 credits): Sebastian Köhler, Ron Handels PSY5812 Applied Therapeutics (3 credits): Jan Ramaekers, Paddy Janssen |
| | Workshop: PSY5332 Behavioural Tests and Models (1 credit): Jos Prickaerts |
| Throughout Year 2 | Electives: PSY4156 Elective: Course OR PSY4157 Elective: Review OR PSY4158 Elective: Research (3 credits each): Vincent van de Ven OR OR PSY4159 Double Elective Research (6 credits): Vincent van de Ven OR PSY4160 Double Elective: Review FN or DN (6 credits): Vincent van de Ven |
| 32 weeks | PSY5107 Research Proposal, PSY5120/PSY5121 Research Internship & PSY5103 Master's Thesis (50 credits): Gerda Kraag |