

Master's Programme

## Master Specialisation Neuropsychology

Faculty of Psychology and Neuroscience

### Brain Functioning

#### Full course description

This course covers a broad range of topics in the field of brain functioning. The initial focus is on brain mechanism, to better understand how the brain is organized to support cognitive functions and the paradigms and methods that are used to study it. This knowledge will then be applied to understand the changes in brain functioning that arise during normal development, in abnormal aging, and acquired and neurodegenerative brain disorders. Important questions will include: What are the changes in brain structure and function underlying development and ageing? What neurobiological mechanisms determine whether a person develops normally or pathologically? What are the differences in symptomatology resulting from focal and distributed brain damage? To address these questions, students will critically reflect on influential theories, state-of-the-art research, established research methods, and clinical interventions. General themes are neural and cognitive ageing, neuropathology (mild cognitive impairment, dementia, Parkinson's disease), and methodological issues in brain research.

#### Course objectives

Students will:

- obtain knowledge about the history of brain and behaviour research, brain structure-function relationship, cognition and the brain, and brain lateralization;
- obtain knowledge about changes in brain functioning related to successful aging including processing-speed theory, white matter decline, decline of cognitive control, temporal and frontal lobe dysfunction, subcortical dysfunction;
- obtain knowledge and be able to explain different neuroimaging techniques (structural and functional MRI, EEG; resting-state vs task-related designs), brain connectivity, the default-mode network, and executive and attentional networks;
- be able to explain different research designs including comparative neuroscience (transfer animal-human studies) and methodological issues in brain research.

PSY6061

Period 1

1 Sep 2020

23 Oct 2020

[Print course description](#)

ECTS credits:

4.0

Instruction language:

English

Coordinators:

- [S.A. Kotz](#)
- [T.W. Boonstra](#)

Teaching methods:

Lecture(s), PBL

Assessment methods:

Attendance, Written exam

Keywords:

brain and cognition, neuroimaging, neuropsychology, lifespan, neurodegeneration

Faculty of Psychology and Neuroscience

## Neurobehavioural Functioning

### Full course description

The course covers normal and abnormal life span development of (neuro) behavioural functions (e.g., higher-level functioning including attention and executive functioning). Some of the most prevalent (neuro) behavioural disorders (e.g., ADHD, ASD, OCD/anxiety and depression) will be discussed. Risk factors and factors modulating neurobehavioral functioning (such as genetics, hormonal influences, stress-responsiveness, sleep and medication) are also considered. Students will critically read publications and judge on experimental designs, research methods, theories and new developments.

### Course objectives

Students will:

- obtain knowledge and be able to explain about the most common neurobehavioral disorders;
- be able to differentiate these disorders from a healthy life span development by focusing on brain-behaviour relations;
- be able to distinguish modulating factors;
- learn to apply their knowledge by critically evaluating theoretical positions and case reports.

PSY6062

Period 1

1 Sep 2020

23 Oct 2020

[Print course description](#)

ECTS credits:

4.0

Instruction language:

English

Coordinators:

- C.W.E.M. Quaedflieg
- [M. Schwartze](#)

Teaching methods:

Lecture(s), PBL

Assessment methods:

Attendance, Written exam, Assignment

Keywords:

Neurobehavioral functioning over the life span (childhood; adolescence; adulthood; continuing into older age), brain functioning, risk factors, individual differences, (neuro) behavioural disorders.

Faculty of Psychology and Neuroscience

## **Practical Training: Basic Cognitive Psychological Skills**

### **Full course description**

This course focuses on the acquisition and training of basic skills required in cognitive performance research. The course is centered around a psychological experiment in which students study the detrimental effects of arousal manipulation (environmental noise) on cognitive processing. Students will learn how to perform a field experiment and will undertake all the various stages that are necessary to acquire and analyze the data and report on the results. Students will be required to recruit a small number of subjects and to administer the test battery according to a pre-defined protocol. The test battery consists of paper and pencil tests that have been presented and discussed in previous courses. After data acquisition, a number of interactive sessions are planned in which students not only learn to explore and analyze their data with SPSS but also learn how to interpret the results. Students conclude the course by writing a journal style paper in APA format describing the experiment. Particular attention will be given to predicting and explaining the results within a theoretical perspective and comparing them with previous findings. An overview of the techniques and tests currently used to evaluate performance in a number of cognitive domains (such as language, perception, attention and executive functions), are also presented to students in this course.

### **Course objectives**

Students are able to understand:

- psychological testing;
- data preparation;
- data analysis using multivariate techniques;
- report writing.

PSY4066

Period 1

1 Sep 2020

23 Oct 2020

[Print course description](#)

ECTS credits:

2.0

Instruction language:

English

Coordinator:

- E.B. de Sousa Fernandes Perna

Teaching methods:

Assignment(s), Lecture(s), Training(s)

Assessment methods:

Attendance, Final paper

Keywords:

Field experiment, applied behavioural testing, data reduction and analysis techniques, report writing

Faculty of Psychology and Neuroscience

## Optimising Brain and Behaviour

### Full course description

The brain is capable of changing continuously in terms of function and structure. Brain changes occur because of development and aging, by interaction of the person with environment, but also in response to injury. In this course, we will focus on plasticity in brain/behaviour relationships. Neuroplasticity has been shown to occur constantly throughout an individual's life. We will discuss neuroplasticity from a fundamental, learning and injury perspective. Spontaneous recovery from brain damage, factors influencing recovery from brain damage and cognitive versus brain reserve will be discussed. The neuropsychological treatment of cognitive, emotional and behavioural problems will be discussed. In addition, a question that will be addressed is can we change brain and behaviour through interventions such as cognitive enhancement, enriched environment, neuropharmacology and non-invasive brain stimulation? We will also discuss the gap between research and the clinic.

### Course objectives

Students will:

- obtain knowledge of brain plasticity, cognitive development, interventions, recovery, treatment, adaptation;
- be able to understand the difference between experimental studies on brain plasticity and the clinical relevance;
- learn to critically appraise theoretical models on neuropsychological treatment and case reports.

PSY6063

Period 2

26 Oct 2020

18 Dec 2020

[Print course description](#)

ECTS credits:

4.0

Instruction language:

English

Coordinators:

- [S.Z. Stapert](#)
- C.M. van Heugten

Teaching methods:

Lecture(s), PBL

Assessment methods:

Attendance, Written exam, Assignment

Keywords:

brain changes, (neuro)plasticity, ICF model, neuropsychological treatment

Faculty of Psychology and Neuroscience

## Methods of Assessment

### Full course description

The measurement of behaviour and cognition is a central theme in clinical and experimental neuropsychology. In this course we focus on psychometric properties of our assessment methods and explore the different approaches to measure brain-behaviour relationships relevant for the whole spectrum of neuropsychology. We will discuss examples of assessment methods and procedures used in research and clinical settings to identify pitfalls, limitations and biases in scientific and clinical reasoning. Building on examples from the clinical domains, we will examine how these methods and procedures can be used to support (psycho)diagnostics, prognostic models, and follow-up measurements in developmental trajectories and psychopharmacological interventions. In this module, recent developments in measurement methods and procedures, e.g., online self-assessment, routine outcome measurement and gamification, are discussed, as well as the cultural and ethical aspects of measuring cognition and behaviour.

### Course objectives

The students will:

- obtain knowledge about how psychological tests are constructed;
- be able to recognize the relevance of psychometric properties of assessment methods;
- be able to analyse and evaluate the psychometric properties of diverse assessment methods;
- learn to reflect critically on the assessment outcomes;
- be able to explain how factors, such as the base rate and the heterogeneity and dependency of symptoms, influence the quality of the assessment outcomes.

### Prerequisites

Basics of psychodiagnostics and psychometrics (bachelor level)

PSY6064

Period 2

26 Oct 2020

18 Dec 2020

[Print course description](#)

ECTS credits:

4.0

Instruction language:

English

Coordinator:

- [A. Blokland](#)

Teaching methods:

Lecture(s), PBL

Assessment methods:

Attendance, Written exam, Assignment

Keywords:

measurement of behaviour and cognition, Psychometrics, Neuropsychological assessment, test construction, intra- and interindividual variation, ethics, cultural influences

Faculty of Psychology and Neuroscience

## **Practical Training: Neuropsychological Assessment**

### **Full course description**

Neuropsychological assessment runs parallel to the courses Brain Damage and Behavioural Disorders. The core elements in this skills training are the collection and interpretation of cognitive, emotional and behavioural data in order to support neurological or neuropsychiatric diagnosis. The skills training commences with an introductory lecture covering the principles and interpretation of neuropsychological assessment.

During a 7-week period, students are trained in neuropsychological history taking, observing patient behaviour, cognitive testing and interpreting cognitive and behavioural data. Finally, each student writes a comprehensive neuropsychological report based on a simulated clinical case.

### **Course objectives**

Students obtain the basic skills of neuropsychological assessment, i.e. observing, interviewing, cognitive testing, combining and interpreting behavioural and cognitive data and neuropsychological report writing.

### **Prerequisites**

Introductory knowledge on psychodiagnostics and related psychometrics.

PSY4063

Period 2

26 Oct 2020

18 Dec 2020

[Print course description](#)

ECTS credits:

2.0

Instruction language:

English

Coordinator:

- M.G.F. Colombi

Teaching methods:

Assignment(s), Lecture(s), Paper(s), Patientcontact, Skills, Training(s), Work in subgroups

Assessment methods:

Attendance, Final paper

Keywords:

Neuropsychological assessment, cognitive disorders, brain disease, brain injury, test taking,

## Research Internship

Faculty of Psychology and Neuroscience

## Research Proposal

### Full course description

The research proposal is drafted in preparation for the research internship. To ensure a timely process, PSY4074 is done in conjunction with PSY4075, which serves to support the development of the research proposal and subsequent internship via assignments, workshops, and lectures that allow students to practice and develop the following skills:

Conducting literature reviews

- using Endnote;
- choosing a research design;
- selecting appropriate statistical methods;
- managing data and applying statistics;
- writing a research proposal using academic writing;
- providing peer feedback on a research proposal;
- understanding research ethics and applying for approval from the ERCPN;
- planning for future career.

This module is not applicable for students of the Master Neuropsychology that complete a clinical internship.

### Course objectives

- to produce a scientifically sound research proposal;
- to adequately prepare for a research internship.

PSY4074

Year

1 Sep 2020

31 Aug 2021

[Print course description](#)

ECTS credits:

5.0

Instruction language:

English

Coordinator:

- G.A. ten Hoor

Teaching methods:

Assignment(s)

Assessment methods:

Final paper

Keywords:

Academic skills, research skills, methods, statistics, Writing, Internship

Faculty of Psychology and Neuroscience

## Academic Skills

### Full course description

This module offers students an opportunity to practice and apply academic writing and research skills, and prepares students for their research internship. To achieve this, a series of assignments, workshops, and lectures will be scheduled in the 3rd period (four weeks). In addition, students will be encouraged to consider their future career. The following topics and activities will be covered:

- conducting literature reviews;
- using Endnote;
- choosing a research design;
- selecting appropriate statistical methods;
- managing data and applying statistics;
- writing a research proposal using academic writing;
- providing peer feedback on a research proposals;
- understanding research ethics and applying for approval from the ERCPN;
- planning for future career.

This module is not applicable for students of the Master Neuropsychology that complete a clinical internship.

### Course objectives

- students are able to execute a literature review;
- students are able to use Endnote;
- students are able to select a research design and corresponding methods for a research project;
- students understand and apply statistical techniques;
- students can explain characteristics of academic writing and are able to implement and apply that knowledge to the writing of a research proposal;
- students are able to execute a peer review that is both constructive and encouraging;
- students recognize ethical aspects of conducting research and are able to complete an ethics application;
- students are able to produce a research proposal;
- students recognize career perspectives for their future.

PSY4075

Period 3

4 Jan 2021

29 Jan 2021

[Print course description](#)

ECTS credits:

0.0

Instruction language:



- G.A. ten Hoor

Teaching methods:

Assignment(s), Skills, Lecture(s)

Assessment methods:

Attendance, Assignment

Keywords:

Academic skills, research skills, methods, statistics, career skills, Writing, peer reviewing, ethics in research

Faculty of Psychology and Neuroscience

## Research Internship Graded

### Full course description

The second part of the one-year master's program (from period 3 onwards), is devoted to conducting a research internship that involves 1) writing of a research proposal, and preparing and planning of the research project, 2) conducting the research project, and 3) analyzing the results of the research project. This work will result in an individually written 4) master's thesis. Step 1 will be done in period 3, steps 2 to 4 from period 4 onwards.

The internship can be carried out at Maastricht University, at an external research institute or at other, more practically oriented institutions. In all cases, a student's research proposal and master's thesis will be evaluated by two assessors. At least one of these assessors is a staff member at the Faculty of Psychology and Neuroscience (FPN). The other assessor can be an external researcher. One of the assessors must hold a PhD, the other can be a PhD candidate.

Information about research internships offered by faculty members can be found on AskPsy > Curriculum > internships/ stages.

Each specialisation has its own internship coordinator:

Legal Psychology: Kim van Oorsouw

Phone (043) 38 84050, 40 Universiteitssingel East, Room 3.767,

Email: k.vanoorsouw@maastrichtuniversity.nl

Health and Social Psychology: Ghislaine Schyns

Phone (043) 38 84523, 40 Universiteitssingel East, Room 4.777a,

Email: ghislaine.schyns@maastrichtuniversity.nl

Work and Social Psychology: Robert van Doorn

Phone (043) 38 81926, 40 Universiteitssingel East, Room 4.765,

Email: r.vandoorn@maastrichtuniversity.nl

Master Psychology Specialisation Neuropsychology

Developmental Psychology: Hans Stauder

Phone (043) 38 81933, 55 Oxfordlaan, Room 2.009,

Email: h.stauder@maastrichtuniversity.nl

□

□

Cognitive Neuroscience: Amanda Kaas

Phone (043) 38 82172, 55 Oxfordlaan, Room 2.019,

Email: a.kaas@maastrichtuniversity.nl

Neuropsychology:

Research internships: Michael Schwartz

Phone (043) 38 82802

Clinical internships: Ieke Winkens

Phone: (043) 38 84512,

Location: Universiteitssingel 40, East

Email: fpn-np-internship@maastrichtuniversity.nl

This module is not applicable for students of the Master Neuropsychology that attend a clinical internship.

## Course objectives

Students are able to understand:

- conducting a supervised empirical research project and summarising this research in a master's thesis.

## Prerequisites

The Research Internship can only be started when at least 8 credits of the compulsory core courses have been obtained of the modules offered in periods 1 and 2. Furthermore, academic research skills (4075) must be submitted and the research proposal must be assessed as sufficient by both assessors and must be ethically approved before the start. In addition:

- certain Research Internships may require that practical or skills training(s) have been completed.

PSY4078

Year

1 Feb 2021

Master Psychology Specialisation Neuropsychology

31 Aug 2021

[Print course description](#)

ECTS credits:

10.0

Instruction language:

English

Coordinator:

- [G.C. Kraag](#)

Teaching methods:

Assignment(s), Paper(s), Research, Skills, Working visit(s)

Assessment methods:

Attendance, Final paper, Observation, Participation

Keywords:

Academic skills, Internship, Research, Research proposal, master's thesis

Faculty of Psychology and Neuroscience

## Research Internship Ungraded

### Full course description

The second part of the one-year master's program (from period 3 onwards), is devoted to conducting a research internship that involves 1) writing of a research proposal, and preparing and planning of the research project, 2) conducting the research project, and 3) analyzing the results of the research project. This work will result in an individually written 4) master's thesis. Step 1 will be done in period 3, steps 2 to 4 from period 4 onwards.

The internship can be carried out at Maastricht University, at an external research institute or at other, more practically oriented institutions. In all cases, a student's research proposal and master's thesis will be evaluated by two assessors. At least one of these assessors is a staff member at the Faculty of Psychology and Neuroscience (FPN). The other assessor can be an external researcher. One of the assessors must hold a PhD, the other can be a PhD candidate.

Information about research internships offered by faculty members can be found on AskPsy > Curriculum > internships/stages.

Each specialisation has its own internship coordinator:

Legal Psychology: Kim van Oorsouw

Phone (043) 38 84050, 40 Universiteitssingel East, Room 3.767,

Email: [k.vanoorsouw@maastrichtuniversity.nl](mailto:k.vanoorsouw@maastrichtuniversity.nl)

Health and Social Psychology: Ghislaine Schyns

Phone (043) 38 84523, 40 Universiteitssingel East, Room 4.777a

Email: [ghislaine.schyns@maastrichtuniversity.nl](mailto:ghislaine.schyns@maastrichtuniversity.nl)

Work and Social Psychology: Robert van Doorn

Master Psychology Specialisation Neuropsychology

Phone (043) 38 81926, 40 Universiteitssingel East, Room 4.765,

Email: r.vandoorn@maastrichtuniversity.nl

Developmental Psychology: Hans Stauder

Phone (043) 38 81933, 55 Oxfordlaan, Room 2.009,

Email: h.stauder@maastrichtuniversity.nl

Cognitive Neuroscience: Amanda Kaas

Phone (043) 38 82172, 55 Oxfordlaan, Room 2.019,

Email: a.kaas@maastrichtuniversity.nl

Neuropsychology:

Research internships: Michael Schwartz

Phone (043) 38 82802

Email: michael.schwartz@maastrichtuniversity.nl

Clinical internship: Ieke Winkens

Phone: (043) 38 84512,

Email: I.winkens@maastrichtuniversity.nl 40 Location: Universiteitssingel 40, East

## Course objectives

Students are able to understand:

- conducting a supervised empirical research project and summarising this research in a master's thesis.

## Prerequisites

The Research Internship can only be started when at least 8 credits of the compulsory courses have been obtained of the modules offered in periods 1 and 2. Furthermore, the research proposal must be assessed as sufficient by both assessors and must be ethically approved before the start. In addition:

- Certain Research Internships may require that practical or skills training(s) have been completed.

PSY4079

Year

1 Feb 2021

31 Aug 2021

[Print course description](#)

ECTS credits:

- [G.C. Kraag](#)

Teaching methods:

Assignment(s), Paper(s), Research, Skills, Working visit(s)

Assessment methods:

Attendance, Final paper, Observation, Participation

Keywords:

Academic skills, internship, research, Research proposal, master's thesis

Faculty of Psychology and Neuroscience

## Research Proposal

### Full course description

The second part of the one-year master's program (from period 3 onwards), is devoted to conducting both a research internship and a clinical internship for students choosing the clinical option.

For the research internship students explore a research issue within their specialisation. Students choosing the clinical option of the Master's degree in Neuropsychology will conduct their research internship in relation to a clinical topic. Conducting a research internship involves 1) writing a research proposal, preparing and planning the research 2) conducting the research project, 3) analyzing the results of the research project, and 4) individually writing a master's thesis about the research.

The internship can be undertaken at the institute where the clinical internship is carried out, Maastricht University, or another university and/or external institution. In all cases, a student's research proposal and master's thesis will be evaluated by two assessors. At least one of these assessors is a staff member at the Faculty of Psychology and Neuroscience (FPN). The other assessor might be an external researcher at, for example, the institute where the student collected the data. One of the assessors must hold a PhD, the other can be a PhD student.

Information about research internships offered by external institutes or faculty members can be found AskPsy > Curriculum > Internship. This site also provides a detailed guide with practical information about the criteria for the research internship and the master's thesis.

### Course objectives

Students are able to conduct a supervised empirical research project and summarise the research results in the form of a master's thesis.

### Prerequisites

The Research Internship can only be started when at least 8 credits of the compulsory courses have been obtained of the modules offered in periods 1 and 2. In addition:

## Master Psychology Specialisation Neuropsychology

- Certain Research Internships may require that practical or skills training(s) have been completed.

PSY4080

Year

4 Jan 2021

31 Aug 2021

[Print course description](#)

ECTS credits:

2.0

Instruction language:

English

Coordinator:

- [M. Schwartz](#)

Teaching methods:

Assignment(s), Research, Skills, Paper(s)

Assessment methods:

Attendance, Final paper, Observation, Participation

Keywords:

Internship, Research, master's thesis

Faculty of Psychology and Neuroscience

## Research Internship Graded

### Full course description

The second part of the one-year master's program (from period 3 onwards), is devoted to conducting both a research internship and a clinical internship for students choosing the clinical option.

For the research internship students explore a research issue within their specialisation. Students choosing the clinical option of the Master's degree in Neuropsychology will conduct their research internship in relation to a clinical topic. Conducting a research internship involves 1) writing a research proposal, preparing and planning the research 2) conducting the research project, 3) analyzing the results of the research project, and 4) individually writing a master's thesis about the research.

The internship can be undertaken at the institute where the clinical internship is carried out, Maastricht University, or another university and/or external institution. In all cases, a student's research proposal and master's thesis will be evaluated by two assessors. At least one of these assessors is a staff member at the Faculty of Psychology and Neuroscience (FPN). The other assessor might be an external researcher at, for example, the institute where the student collected the data. One of the assessors must hold a PhD, the other can be a PhD student.

Information about research internships offered by external institutes or faculty members can be found [AskPsy > Curriculum > Internship](#). This site also provides a detailed guide with practical information about the criteria for the research internship and the master's thesis.

## Course objectives

Students are able to conduct a supervised empirical research project and summarise the research results in the form of a master's thesis.

## Prerequisites

The Research Internship can only be started when at least 8 credits of the compulsory courses have been obtained of the modules offered in periods 1 and 2. In addition:

- Certain Research Internships may require that practical or skills training(s) have been completed.

PSY4086

Year

4 Jan 2021

31 Aug 2021

[Print course description](#)

ECTS credits:

10.0

Instruction language:

English

Coordinator:

- [M. Schwartze](#)

Teaching methods:

Assignment(s), Paper(s), Research, Skills

Assessment methods:

Attendance, Final paper, Observation, Participation

Keywords:

Internship, Research, master's thesis

Faculty of Psychology and Neuroscience

## Research Internship Ungraded

### Full course description

The second part of the one-year master's program (from period 3 onwards), is devoted to conducting both a research internship and a clinical internship for students choosing the clinical option.

For the research internship students explore a research issue within their specialisation. Students choosing the clinical option of the Master's degree in Neuropsychology will conduct their research internship in relation to a clinical topic. Conducting a research internship involves 1) writing a research proposal, preparing and planning the research 2) conducting the research project, 3) analyzing the results of the research project, and 4) individually writing a master's thesis about the research.

The internship can be undertaken at the institute where the clinical internship is carried out, Maastricht University, or another university and/or external institution. In all cases, a student's research proposal and master's thesis will be evaluated by two assessors. At least one of these

## Master Psychology Specialisation Neuropsychology

assessors is a staff member at the Faculty of Psychology and Neuroscience (FPN). The other assessor might be an external researcher at, for example, the institute where the student collected the data. One of the assessors must hold a PhD, the other can be a PhD student.

Information about research internships offered by external institutes or faculty members can be found AskPsy > Curriculum > Internship. This site also provides a detailed guide with practical information about the criteria for the research internship and the master's thesis.

## Course objectives

Students are able to conduct a supervised empirical research project and summarise the research results in the form of a master's thesis.

## Prerequisites

The Research Internship can only be started when at least 8 credits of the compulsory courses have been obtained of the modules offered in periods 1 and 2. In addition:

- Certain Research Internships may require that practical or skills training(s) have been completed.

PSY4087

Year

4 Jan 2021

31 Aug 2021

[Print course description](#)

ECTS credits:

2.0

Instruction language:

English

Coordinator:

- [M. Schwartze](#)

Teaching methods:

Assignment(s), Paper(s), Research, Skills

Assessment methods:

Attendance, Final paper, Observation, Participation

Keywords:

Internship, Research, master's thesis

## Clinical Internship

Faculty of Psychology and Neuroscience

## Clinical Internship

### Full course description

The second part of the one-year master's program (from period 2 onwards) is devoted to arranging



## Master Psychology Specialisation Neuropsychology

and conducting a research internship and a clinical internship for students choosing the clinical option.

For the clinical internship students conduct a 13-week fulltime clinical internship in an approved setting. The clinical internship can be conducted in conjunction with the research internship or separately. The aim of the clinical internship is to provide an introduction to the organisation and practice of mental health care, as well as basic experience in clinical diagnosis and/or therapeutic interventions, and gain knowledge of and experience in the work environment of the clinical (neuro)psychologist. Students conducting a clinical internship are required to receive supervision meetings at Maastricht University and write a clinical activities report (including 3 case reports) as a result of the internship.

A detailed guide on clinical internships can be found on AskPsy > Curriculum > Internship. Although not required to do so by the master's programme, students who wish to meet Dutch requirements for admission to advanced clinical training programmes are advised to fulfil the admission criteria for the GZ-opleiding.

### Course objectives

- students have knowledge about and get experience in the work environment of a clinical psychologist;
- students are able to conduct the diagnostic cycle (under supervision), which may include intake sessions, diagnostic procedures, therapeutic interventions, discuss findings during a team meeting, and write summary reports.

### Prerequisites

8 credits from core courses;

Pass for practical Neuropsychological assessment.

PSY4083

Year

4 Jan 2021

31 Aug 2021

[Print course description](#)

ECTS credits:

14.0

Instruction language:

English

Coordinator:

- [I. Winkens](#)

Teaching methods:

Assignment(s), Paper(s), Patient contact, Skills

Assessment methods:

Attendance, Final paper, Observation, Participation

Keywords:

clinical practice, clinical training, Psychodiagnostics, diagnostic cycle, patient contact

Faculty of Psychology and Neuroscience

## Clinical Supervision

### Full course description

The second part of the one-year master's program (from period 2 onwards) is devoted to arranging and conducting a research internship and a clinical internship for students choosing the clinical option.

For the clinical internship students conduct a 13-week fulltime clinical internship in an approved setting. The clinical internship can be conducted in conjunction with the research internship or separately. The aim of the clinical internship is to provide an introduction to the organisation and practice of mental health care, as well as basic experience in clinical diagnosis and/or therapeutic interventions, and gain knowledge of and experience in the work environment of the clinical (neuro)psychologist. Students conducting a clinical internship are required to receive supervision meetings at Maastricht University and write a clinical activities report (including 3 case reports) as a result of the internship.

A detailed guide on clinical internships can be found on AskPsy > Curriculum > Internship. Although not required to do so by the master's programme, students who wish to meet Dutch requirements for admission to advanced clinical training programmes are advised to fulfil the admission criteria for the GZ-opleiding.

### Course objectives

- students have knowledge about and get experience in the work environment of a clinical psychologist;
- students are able to conduct the diagnostic cycle (under supervision), which may include intake sessions, diagnostic procedures, therapeutic interventions, discuss findings during a team meeting, and write summary reports.

### Prerequisites

8 credits from core courses;

Pass for practical Neuropsychological assessment.

PSY4084

Year

4 Jan 2021

31 Aug 2021

[Print course description](#)

ECTS credits:

2.0

Instruction language:

English

Coordinators:

- [I. Winkens](#)
- S.N. Duijvis

Master Psychology Specialisation Neuropsychology

Teaching methods:

Assignment(s), Paper(s), Patient contact, Skills

Assessment methods:

Attendance, Final paper, Observation, Participation

Keywords:

clinical practice, clinical training, Psychodiagnostics, diagnostic cycle, patient contact

Faculty of Psychology and Neuroscience

## Clinical Activities Report

### Full course description

The second part of the one-year master's program (from period 2 onwards) is devoted to arranging and conducting a research internship and a clinical internship for students choosing the clinical option.

For the clinical internship students conduct a 13-week fulltime clinical internship in an approved setting. The clinical internship can be conducted in conjunction with the research internship or separately. The aim of the clinical internship is to provide an introduction to the organisation and practice of mental health care, as well as basic experience in clinical diagnosis and/or therapeutic interventions, and gain knowledge of and experience in the work environment of the clinical (neuro)psychologist. Students conducting a clinical internship are required to receive supervision meetings at Maastricht University and write a clinical activities report (including 3 case reports) as a result of the internship.

A detailed guide on clinical internships can be found on AskPsy > Curriculum > Internship. Although not required to do so by the master's programme, students who wish to meet Dutch requirements for admission to advanced clinical training programmes are advised to fulfil the admission criteria for the GZ-opleiding.

### Course objectives

- students have knowledge about and get experience in the work environment of a clinical psychologist;
- students are able to conduct the diagnostic cycle (under supervision), which may include intake sessions, diagnostic procedures, therapeutic interventions, discuss findings during a team meeting, and write summary reports.

### Prerequisites

8 credits from core courses;

Pass for practical Neuropsychological assessment.

PSY4085

Year

4 Jan 2021

31 Aug 2021

[Print course description](#)

ECTS credits:

3.0

Instruction language:

English

Coordinator:

- [I. Winkens](#)

Teaching methods:

Assignment(s), Paper(s), Patient contact, Skills

Assessment methods:

Attendance, Final paper, Observation, Participation

Keywords:

clinical practice, clinical training, Psychodiagnostics, diagnostic cycle, patient contact

Thesis

## Master's Thesis

Faculty of Psychology and Neuroscience

## Master's Thesis

### Full course description

The second part of the one-year master's program (from period 3 onwards), is devoted to conducting both a research internship and a clinical internship for students choosing the clinical option.

For the research internship students explore a research issue within their specialisation. Students choosing the clinical option of the Master's degree in Neuropsychology will conduct their research internship in relation to a clinical topic. Conducting a research internship involves 1) writing a research proposal, preparing and planning the research 2) conducting the research project, 3) analyzing the results of the research project, and 4) individually writing a master's thesis about the research.

The internship can be undertaken at the institute where the clinical internship is carried out, Maastricht University, or another university and/or external institution. In all cases, a student's research proposal and master's thesis will be evaluated by two assessors. At least one of these assessors is a staff member at the Faculty of Psychology and Neuroscience (FPN). The other assessor might be an external researcher at, for example, the institute where the student collected the data. One of the assessors must hold a PhD, the other can be a PhD student.

Information about research internships offered by external institutes or faculty members can be found AskPsy > Curriculum > Internship. This site also provides a detailed guide with practical information about the criteria for the research internship and the master's thesis.

### Course objectives

Students are able to conduct a supervised empirical research project and summarise the research results in the form of a master's thesis.

## Prerequisites

The Research Internship can only be started when at least 8 credits of the compulsory courses have been obtained of the modules offered in periods 1 and 2. In addition:

- Certain Research Internships may require that practical or skills training(s) have been completed.

PSY4082

Year

4 Jan 2021

31 Aug 2021

[Print course description](#)

ECTS credits:

7.0

Instruction language:

English

Coordinator:

- [M. Schwartz](#)

Teaching methods:

Assignment(s), Paper(s), Research, Skills

Assessment methods:

Attendance, Final paper, Observation, Participation

Keywords:

Internship, research, master's thesis

Faculty of Psychology and Neuroscience

## Master's Thesis

### Full course description

The second part of the one-year master's program (from period 3 onwards), is devoted to conducting a research internship that involves 1) writing of a research proposal, and preparing and planning of the research project, 2) conducting the research project, and 3) analyzing the results of the research project. This work will result in an individually written 4) master's thesis. Step 1 will be done in period 3, steps 2 to 4 from period 4 onwards.

The internship can be carried out at Maastricht University, at an external research institute or at other, more practically oriented institutions. In all cases, a student's research proposal and master's thesis will be evaluated by two assessors. At least one of these assessors is a staff member at the Faculty of Psychology and Neuroscience (FPN). The other assessor can be an external researcher. One of the assessors must hold a PhD, the other can be a PhD candidate.

Information about research internships offered by faculty members can be found on AskPsy > Curriculum > internships/stages.

Each specialisation has its own internship coordinator:

Legal Psychology: Kim van Oorsouw

Master Psychology Specialisation Neuropsychology

Phone (043) 38 84050, 40 Universiteitssingel East, Room 3.767,

Email: k.vanoorsouw@maastrichtuniversity.nl

Health and Social Psychology: Ghislaine Schyns

Phone (043) 38 84523, 40 Universiteitssingel East, Room 4.777a

Email: ghislaine.schyns@maastrichtuniversity.nl

Work and Social Psychology: Robert van Doorn

Phone (043) 38 81926, 40 Universiteitssingel East, Room 4.765,

Email: r.vandoorn@maastrichtuniversity.nl

Developmental Psychology: Hans Stauder

Phone (043) 38 81933, 55 Oxfordlaan, Room 2.009,

Email: h.stauder@maastrichtuniversity.nl

Cognitive Neuroscience: Amanda Kaas

Phone (043) 38 82172, 55 Oxfordlaan, Room 2.019,

Email: a.kaas@maastrichtuniversity.nl

Neuropsychology:

Research internships: Michael Schwartz

Phone (043) 38 82802

Email: michael.schwartz@maastrichtuniversity.nl

Clinical internship: Ieke Winkens

Phone: (043) 38 84512,

Email: I.winkens@maastrichtuniversity.nl  
40 Location: Universiteitssingel 40, East

## **Course objectives**

Students are able to understand:

- conducting a supervised empirical research project and summarising this research in a master's thesis.

## **Prerequisites**

The Research Internship can only be started when at least 8 credits of the compulsory courses have been obtained of the modules offered in periods 1 and 2. Furthermore, the research proposal must

## Master Psychology Specialisation Neuropsychology

be assessed as sufficient by both assessors and must be ethically approved before the start. In addition:

- Certain Research Internships may require that practical or skills training(s) have been completed.

PSY4091

Year

1 Feb 2021

31 Aug 2021

[Print course description](#)

ECTS credits:

10.0

Instruction language:

English

Coordinator:

- [G.C. Kraag](#)

Teaching methods:

Assignment(s), Paper(s), Research, Skills, Working visit(s)

Assessment methods:

Attendance, Final paper, Observation, Participation

Keywords:

Academic skills, Internship, Research, Research proposal, master's thesis