

Master's Programme

Master Specialisation Neuropsychology

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 centred 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 analyse 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 analyse their data with SPSS but also learn how to interpret the results. Students conclude the course by writing a paper in APA format describing the experiment. 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

Knowledge of: Psychological testing, data preparation, data analysis, report writing.

Recommended reading

Field, A. (2009). Discovering statistics using SPSS (4th ed.). London: Sage.

PSY4066

Period 1

5 Sep 2022

28 Oct 2022

[Print course description](#)

ECTS credits:

2.0

Instruction language:

English

Coordinator:

- [E.B. de Sousa Fernandes Perna](#)

Teaching methods:

Master Psychology Specialisation Neuropsychology

Assignment(s), Lecture(s), PBL

Assessment methods:

Attendance, Final paper

Keywords:

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

Faculty of Psychology and Neuroscience

Practical Training: Neuropsychological Assessment

Full course description

The Neuropsychological Assessment training runs in parallel to the Brain Damage and Behavioural Disorders course. The core elements of this practical skills training involves the clinical data gathering process. This provides the cognitive, emotional and behavioural data which can be interpreted in order to support neurological or neuropsychiatric diagnosis. The skills training commences with an introductory lecture which covers both the principles and methods of 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

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

Prerequisites

Introductory knowledge on psychodiagnostics and related psychometrics.

Recommended reading

Lezak, M.D., Howieson, M.D., Bigler, E.D., & Tranel, D. (2012). Neuropsychological assessment.

New York: Oxford University Press; R.D. Vanderploeg (2000). Clinician's Guide to

Neuropsychological assessment. New Jersey: Lawrence Erlbaum Associates.

PSY4063

Period 2

31 Oct 2022

23 Dec 2022

[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

Master Psychology Specialisation Neuropsychology

Assessment methods:

Attendance, Final paper

Keywords:

neuropsychological assessment, cognitive disorders, brain disease, brain injury, test taking, interviewing, observations, psychometry.

Faculty of Psychology and Neuroscience

Brain Functioning

PSY6061

Period 1

5 Sep 2022

28 Oct 2022

[Print course description](#)

ECTS credits:

4.0

Instruction language:

English

Coordinator:

- [T.W. Boonstra](#)

Faculty of Psychology and Neuroscience

Neurobehavioural Functioning

PSY6062

Period 1

5 Sep 2022

28 Oct 2022

[Print course description](#)

ECTS credits:

4.0

Instruction language:

English

Coordinator:

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

Faculty of Psychology and Neuroscience

Optimising Brain and Behaviour

PSY6063

Period 2

31 Oct 2022

23 Dec 2022

[Print course description](#)

ECTS credits:

4.0

Instruction language:

English

Coordinators:

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

Faculty of Psychology and Neuroscience

Methods of Assessment

PSY6064

Period 2

31 Oct 2022

23 Dec 2022

[Print course description](#)

ECTS credits:

4.0

Instruction language:

English

Coordinator:

- [J. Bruijtel](#)

Master's Programme

Master Specialisation Neuropsychology

Faculty of Psychology and Neuroscience

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Faculty of Psychology and Neuroscience

Optimising Brain and Behaviour

PSY6063

Period 2

31 Oct 2022

23 Dec 2022

[Print course description](#)

ECTS credits:

4.0

Instruction language:

English

Coordinators:

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- [C.M. van Heugten](#)

Faculty of Psychology and Neuroscience

Methods of Assessment

PSY6064

Period 2

31 Oct 2022

23 Dec 2022

[Print course description](#)

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English

Coordinator:

- [J. Bruijtel](#)

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PSY4063

Period 2

31 Oct 2022

23 Dec 2022

[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, interviewing, observations, psychometry.

Faculty of Psychology and Neuroscience

Brain Functioning

PSY6061

Period 1

Master Psychology Specialisation Neuropsychology

5 Sep 2022

28 Oct 2022

[Print course description](#)

ECTS credits:

4.0

Instruction language:

English

Coordinator:

- [T.W. Boonstra](#)

Faculty of Psychology and Neuroscience

Neurobehavioural Functioning

PSY6062

Period 1

5 Sep 2022

28 Oct 2022

[Print course description](#)

ECTS credits:

4.0

Instruction language:

English

Coordinator:

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

Faculty of Psychology and Neuroscience

Optimising Brain and Behaviour

PSY6063

Period 2

31 Oct 2022

23 Dec 2022

[Print course description](#)

ECTS credits:

4.0

Instruction language:

English

Coordinators:

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

Faculty of Psychology and Neuroscience

Methods of Assessment

PSY6064

Period 2

31 Oct 2022

Master Psychology Specialisation Neuropsychology

23 Dec 2022

[Print course description](#)

ECTS credits:

4.0

Instruction language:

English

Coordinator:

- [J. Bruijtel](#)

Thesis

Master's Thesis

Faculty of Psychology and Neuroscience

Master's Thesis

Full course description

The second part of the one-year master's programme (from period 3 onwards), is devoted to arranging and conducting a research internship and training in professional skills. For the research internship students explore a research issue within their specialisation. Students start their internship with the writing of a research proposal. Students complete the master's programme by writing a thesis on research undertaken during their internship. The internship can be completed at Maastricht University or at an external host 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 (senior) researcher at the Faculty of Psychology and Neuroscience (FPN). The other assessor might be a (senior) researcher at, for example, the institute where the student collected their data. Information about research internships offered by external institutes or faculty members can be found on EleUM > Students Faculty of Psychology and Neuroscience > internships. This site also provides a detailed guide with practical information about the criteria for the research internship and the master's thesis.

Course objectives

Knowledge of: Conducting a supervised empirical research project and summarising their research in a master's thesis.

Prerequisites

At least 2 of the 4 compulsory theoretical courses of the Master's track must be passed.

PSY4091

Year

6 Feb 2023

31 Aug 2023

[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

Master's Thesis

Full course description

The second part of the one-year master's programme (from period 3 onwards), is devoted to arranging and conducting 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. Students commence their internship with the writing of a research proposal. Students complete the master's programme by writing a thesis on research undertaken during their internship. The internship can be undertaken at the institute where the clinical internship is carried out or at Maastricht University. 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 (senior) researcher at the Faculty of Psychology and Neuroscience (FPN). The other assessor might be a (senior) researcher at, for example, the institute where the student collected their data. Information about research internships offered by external institutes or faculty members can be found on EleUM > Students Faculty of Psychology and Neuroscience > internships. This site also provides a detailed guide with practical information about the criteria for the research internship and the master's thesis.

Course objectives

Knowledge of: Conducting a supervised empirical research project and summarising the research results in the form of a master's thesis.

Prerequisites

At least 2 of the 4 compulsory theoretical courses of the Master's track must be completed.

PSY4082

Year

9 Jan 2023

31 Aug 2023

[Print course description](#)

ECTS credits:

Master Psychology Specialisation Neuropsychology

7.0

Instruction language:

English

Coordinator:

- [M. Schwartze](#)

Teaching methods:

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

Assessment methods:

Attendance, Final paper, Observation, Participation

Keywords:

internship, Research, master's thesis.