

Master's Programme

Thesis

Internships

Elective courses

Electives

Faculty of Psychology and Neuroscience

Selection and training

Full course description

In this elective, students will practice with designing an assessment center, with structured interviews and with training design and evaluation. This elective will start with an opening lecture, in which the structure of the elective will be explained and in which they will learn the relevant theoretical background on assessment centers, structured interviews, and trainings. After that, they will read relevant literature on these topics and start to work in small groups on designing an assessment center. In the first group meeting, they will present their assessment centers to each other and receive feedback on it. In the next group meeting, they will practice a structured interview, in which they will do roleplays in which half of them plays the role of the interviewer and the other half the role of the candidates. Halfway through the meeting, they will switch roles. Finally, they will design a training in small groups and conduct this training during the final group meeting. Again, half of them will start as the trainers, and the other half of the group will be the trainees. During this meeting they will also switch roles.

Course objectives

- Students will get acquainted with assessment centers: they will learn about the procedures and validity of this selection tool;
- Students will practice and improve their interview skills by conducting a structured interview;
- Students will learn theories about training design and practice their skills by designing and evaluating a training;
- Students will improve their employability by learning more about and practicing with selection and training methods.

PSY9103

Period 3

8 Jan 2024

29 Feb 2024

[Print course description](#)

ECTS credits:

3.0

Instruction language:

English

Coordinators:

- [A.L.T. Walkowiak](#)
- [F.E.R.M. Nievelstein](#)

Teaching methods:

Lecture(s), PBL, Assignment(s), Skills, Work in subgroups

Assessment methods:

Assignment, Attendance, Observation, Presentation

Keywords:

Selection, Training, Assessment Center, Role play

Faculty of Psychology and Neuroscience

Systemic Coaching for Psychologists

Full course description

Coaching can be defined as a developmental, tailor-made intervention in which a professional coach utilizes collaborative, reflective, and goal-oriented strategies to facilitate the development and performance of individuals or groups. Coaching puts coachees as learners at the center of the coaching experience, thereby aiming to promote their self-awareness and personal responsibility and unlock their full potential.

In this elective students will learn about the basic principles of systemic coaching (a form of coaching in which the larger system in which we all operate is considered) and will get to know a variety of cognitive, motivational, and behavioral techniques to help coachees achieve a mutually identified goal. In this elective students will form groups of three: Every student will act as a coach, but will also be coached by a peer, and additionally act as an observer who provides meaningful feedback on the coaching process.

Prerequisites

After this course students are able to:

- explain the basic principles of systemic coaching;
- differentiate psychological theories on the topic of personal development;
- understand the effects of different coaching techniques;
- independently design a coaching session for a client;
- flexibly and spontaneously apply different coaching tools based on the (changing) needs of a client;
- reflect on their own strengths and weaknesses in their role as a coach;
- reflect on their progress regarding a goal in their role as a coachee;
- provide meaningful feedback to coaches in their role as an observer;

PSY9101

Period 3

8 Jan 2024

29 Feb 2024

[Print course description](#)

ECTS credits:

3.0

Instruction language:

English

Coordinator:

- [A. Nübold](#)

Teaching methods:

Lecture(s), Assignment(s), Work in subgroups, Skills

Assessment methods:

Attendance, Participation, Observation, Oral exam

Keywords:

systemic coaching; psychological theories; cognitive, motivational, behavioral techniques; self-help; flexibility; self-reflection; personal development

Faculty of Psychology and Neuroscience

Introduction to Programming in Python

Full course description

The work of many high-skilled jobs now requires more advanced computer skills than ever before. Skilled professionals ought to be able to use programming to efficiently process and visualize data, without being limited by the tools conventional programs offer. This elective focuses on understanding and solving problems using programming.

You will learn how to think in terms of algorithms, moving from identifying a problem to creating a step-by-step solution (in the form of code). You will learn how to program in Python, a free, open-source, platform-independent, and continuously maintained programming language. Python is a powerful dynamic programming language that is used in a variety of applications and domains.

Once you know how to program in Python, it will be much easier for you to learn other – more specialised or more general-purpose – languages (such as Matlab, R, or C).

Course objectives

During the elective, students will develop a basic understanding of programming in general and the Python programming language specially.

After this course, students:

- Have a basic understanding of how to program and be able to think in terms of algorithms.
- Have a working knowledge of the Python programming language specifically (data types, variables, operators, control-flow, and loops).
- Are able to write well-commented Python scripts.
- Are able to write functions to automate particular tasks.
- Are able to debug (fix) Python code.
- Are able to understand basics of scientific computing (numpy & matplotlib).

- [M. Enan](#)
- [J.J.G. van Haren](#)

The global SDGs: From problem to solution

Full course description

Psychologists are invaluable sources of knowledge and allies for global governments in helping them to achieve the 17 Sustainable Development Goals (SDGs), <https://sdgs.un.org/goals>. After all, many of the current global challenges require a deep knowledge of human cognition, motivation, emotion, and behaviour – as well as how to change these. Indeed, humans, and human behaviour, are central to achieving many of the (sub-)SDGs, whether it is a reduction of reliance on fossil energy sources, achieving gender equality, or creating optimal health and wellbeing. In this course, you will be introduced to and practice with the PATH model (Problem – Analysis – Test- Help). Using this protocol, you will (a) describe and analyse the psychology behind one of the SDGs, and (b) come up with ‘solutions’ – interventions – that enable this SDG to be attained. Your final (group) report will take the form of a policy brief.

Course objectives

Students are able:

- to apply psychological principles to global/societal problems (SDGs);
- to acquire basic knowledge of the cognitive, motivational, emotional, social, and behavioural factors are at the core of many societal and global challenges;
- to engage in creative problem solving while designing an intervention;
- to reflect on ethical and moral dimensions of an applied psychological problem;
- to take perspectives of other (sub)disciplines and stakeholders outside academia;
- to present research and recommendations to a non-specialized audience
- to work in teams

- J.G. Zimmerman
- [A. Pawlowska](#)

Teaching methods:

Lecture(s), Work in subgroups, Paper(s), Presentation(s)

Assessment methods:

Final paper, Attendance

Keywords:

applied psychology, global citizenship, psychological literacy, creative problem solving, social responsibility, change agency

Faculty of Psychology and Neuroscience

Clinical Assessment

Full course description

To be able to treat a client effectively, mental health professionals first need to perform a clinical assessment of the client. This assessment refers to the collection of information and consequently drawing conclusions about the client's symptoms and disorder(s). For this purpose, the health professional does observations, administers (neuro)psychological tests, and interviews the client. In this course, we will introduce you to such clinical assessment. During the first sessions, we acquaint you with screening tools that are used in the earliest stages. Next, we go more in-depth and you will learn to administer tests that are commonly done as follow-up for a number of disorders. For example, you acquire skills to administer Anxiety and Depression scales, to run neuropsychological tests for the measurement of attention and memory, and you will be acquainted with tools to examine potential problems with sensory integration. In all cases, we discuss which types of tests are used across the life span. At the end of the course, for the materials studied, you are able to develop a basic screening protocol with follow-up testing.

Course objectives

At the end of this course, students are able to:

- Develop an assessment plan for a client based on the initial referral by a general practitioner
- Complete an initial mental screening of a client
- Use and analyse follow-up assessment tools in the field of Anxiety, Depression, Attention, Memory, or Sensory Integration
- Evaluate the outcome of a clinical assessment

8 Jan 2024

29 Mar 2024

Period 4

5 Feb 2024

5 Apr 2024

[Print course description](#)

ECTS credits:

3.0

Instruction language:

English

Coordinators:

- [A. Sambeth](#)
- [A.L. Smitten](#)

Teaching methods:

Lecture(s), Presentation(s), Skills, Work in subgroups

Assessment methods:

Presentation

Keywords:

Clinical reasoning, Screening (protocol), (neuro)psychological assessment, observation, interviewing

Faculty of Psychology and Neuroscience

Negotiation and Mediation

Full course description

In this elective, students will focus on negotiations and mediation skills. The elective will start with a lecture to explain the structure of the course and to introduce the topic of negotiation to them. In this lecture, they will already learn about the most important theories and strategies that can be used for negotiation and mediation in different contexts. After the lecture, they will read literature to prepare them to practice their negotiation skills. TrainTool will be used to practice these skills. We will use the Harvard principles of negotiation in this elective. In TrainTool, they will first practice the first two principles, after which they will have a group meeting in which we will do a role play focusing on these two principles. Then, they will again practice with Traintool, now focusing on the last two principles, and we will end the course with another role play in the group meeting.

Course objectives

- Students will learn about different theories and strategies for negotiation;
- Students will practice their negotiations skills based on the Harvard principles of negotiation.

PSY9106

Period 3

8 Jan 2024

29 Mar 2024

Period 4

5 Feb 2024

5 Apr 2024

[Print course description](#)

ECTS credits:

3.0

Instruction language:

English

Coordinator:

- [A.L.T. Walkowiak](#)

Teaching methods:

Lecture(s), Assignment(s), PBL, Work in subgroups, Skills

Assessment methods:

Assignment, Attendance, Observation, Presentation

Keywords:

negotiation, mediation, roleplay

Faculty of Psychology and Neuroscience

Introduction to Programming in Matlab

Full course description

The aim of this research elective program is twofold:

1. Develop basic and generalizable programming skills in MATLAB;
2. Apply programming concepts to Neuroscientific research.

MATLAB is a widely diffused programming and numeric computing platform. Through this elective, students will familiarize with basic MATLAB programming concepts and will learn how to use it to handle and analyze big data (multidimensional datasets) like those encountered in neuroscience and neuroimaging research.

In particular, we will explore examples of neuroimaging data analysis. At the end of the course, students will write a report about their data analysis approach and interpretation of results in subgroups.

Course objectives

With this course, students will:

1. develop fundamental and generalizable programming skills in MATLAB;
2. learn how to use programming tools to conduct neuroimaging research;
3. learn how to interpret the results of their analyses.

PSY9107

Period 4

5 Feb 2024

5 Apr 2024

[Print course description](#)

ECTS credits:

3.0

Instruction language:

- [G. Valente](#)
- [A. Criscuolo](#)

Teaching methods:

Lecture(s), Skills, Work in subgroups

Assessment methods:

Attendance, Assignment, Final paper

Keywords:

Programming; MATLAB; data analysis; neuroimaging

Faculty of Psychology and Neuroscience

Science Communication

Full course description

In this 5-week course students will practice presenting science to a broad audience in written format and (online) presentations. They will write a blog post (assignment 1) about a scientific topic of choice, to practice how to summarize complex information in a reader-friendly manner. Furthermore, students will make a video about a scientific topic (assignment 2). In the course, the students will learn how to target their presentation to the audience, how to organize their presentation, and how to use visual aids.

This course will provide students the opportunity to hone their written, visual, and verbal presentation skills. The ability to present complex information in written or visual form can help to become an effective communicator in the workplace or to engage more with larger audiences.

Course objectives

After this course, students are able to:

- write about scientific topics for a broad audience
- summarize complex information
- present scientific information in the format of a video
- organize the content of a (digital) presentation
- use visual aids in (digital) presentations

PSY9108

Period 4

5 Feb 2024

5 Apr 2024

[Print course description](#)

ECTS credits:

3.0

Instruction language:

English

Coordinator:

- [A.E.M. Hendriks](#)

Teaching methods:

Lecture(s), PBL, Work in subgroups, Assignment(s)

Assessment methods:

Final paper, Presentation, Attendance

Keywords:

writing skills, (digital) presentation skills

Faculty of Psychology and Neuroscience

Individual Elective

Full course description

Students work on an assignment (structured literature review, research project) under the supervision of a member of the scientific staff of Maastricht University, resulting in a written product (e.g. literature review, research report). Students take the initiative to locate and arrange a FPN supervisor for the elective. The elective topic, content and format will be determined by mutual agreement between student and supervisor. The assignment should be different/clearly separate from the actions that will be taken in the research internship and the written final product should be a separate product from the master thesis. Students are expected to devote 168 hours to the Individual elective. Students aiming to follow an individual elective should hand in an individual elective proposal, signed by the supervisor, to the coordinator of the individual elective for approval.

Course objectives

Students are able to:

- identify gaps in their own knowledge and abilities and develop an individual learning plan accordingly.
- communicate scientific literature and/or report on a research project.

PSY9109

Period 3

8 Jan 2024

29 Mar 2024

Period 4

5 Feb 2024

5 Apr 2024

[Print course description](#)

ECTS credits:

6.0

Instruction language:

English

Coordinators:

- [G.J.A.M.L. Uitdewilligen](#)
- [G.A. ten Hoor](#)

Teaching methods:

Assignment(s), Research

Assessment methods:

Internship Elective

Full course description

During the elective internship, psychology master students (can) practice applying theoretical knowledge to practice and gain relevant practical experience, while working in an institution or company. Students are expected to devote 168 hours to the elective internship.

Students can only be enrolled in this elective, if they have found an internship on their own before December 1st. Students can work in a variety of 'settings': e.g., a (mental) health care facility, rehabilitation centers, schools, but also companies, such as HR consultancies. Suitable institutions or companies provide students the opportunity to gain practical experience, relevant for becoming a psychologist. If the student wants to obtain ECTS for this practical work, the internship (the institution or company and the content of the internship) has to be approved by the elective internship coordinator before the student starts working there. Students can only obtain ECTS for work conducted at one (and not multiple) institute(s). During this practical, students need to work under the supervision of an experienced psychologist. At the start of the practical, the student drafts a personal development plan (PDP), defining the learning objectives for the internship. In addition to the work experience, the student must write a report about this experience. As such, the students will get more insight into the work setting(s) of a psychologist and they will gain experience with applying knowledge and skills essential for being a psychologist. Note: this practical experience cannot be used to fulfil the prerequisites regarding the theoretical background and working experience set for the psychodiagnostics registration (i.e., the BAPD) and/or vLOGO. This module is only relevant for FPN students and not available for Exchange students.

Course objectives

The student:

- obtains insight into the work setting(s) of a psychologist;
- gains experience with applying knowledge and skills essential for being a psychologist
- develops the ability to apply scientific insights to reflect upon practices in the field.

PSY9110

Period 3

8 Jan 2024

29 Mar 2024

Period 4

5 Feb 2024

5 Apr 2024

[Print course description](#)

ECTS credits:

6.0

Instruction language:

English

Master Psychology Specialisation Legal Psychology

Coordinator:

- [G.J.A.M.L. Uitdewilligen](#)

Teaching methods:

Assignment(s)

Assessment methods:

Final paper

Keywords:

internship, Practical, Organisation