

# **Programme-specific appendix to the EER 2019-2020**

for the Master of Science programme

## **Psychology**

## **Appendices Student Charter MSc programme Psychology (MPS) 2019-2020**

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## 1. Structure and Units of Study of the programme

### 1a. Programme content (incl. number and structure of interim examinations, mode of assessment, and if applicable arrangements/design of practical exercises)

Before starting with the MSc programme the student has to choose between one of five specialisations (tracks):

- Conflict, Risk & Safety
- Health Psychology & Technology
- Human Factors & Engineering Psychology
- Learning Sciences
- Positive Psychology & Technology

Below the units of study for every specialisation/track are described. The units of study (courses) making up the MSc programme, the study load in EC (1 EC = 28 hours) per unit, the examiners and the exam formats are shown. (More) detailed information about exam formats will be presented by the examiner in OSIRIS and Canvas.

Also, the periods in which these units of study are offered are marked by block 1A, block 1B, block 2A and block 2B. Students can start the master(tracks) in September (1A) or February (2A). A description of the (preferred) programme (such as sequence of courses) for both enrolment moments can be found on the Psychology website [www.utwente.nl/psy](http://www.utwente.nl/psy).

### Conflict, Risk & Safety (CRS)

The mastertrack CRS consists of four obligatory courses (20EC) and one elective course (5EC). The track will be completed with a master's thesis and Internship (35EC). The Internship (10EC) is optional. When an Internship is possible the student conducts a master's thesis of 25EC. When a student does not go on an Internship a master's thesis of 35EC is conducted.

### Courses Conflict, Risk & Safety

Course code	Course name	Study load in EC	Block	Examiner	Exam format
<b>Obligatory courses CRS</b>					
201100014	Group Dynamics and Interventions	5	1A	Dr. M. Stel	Written test and assignment(s)
201400581	Risk and Leadership in Societal and Technological Contexts <sup>1</sup>	5	1A / 2A	Dr. P.W. de Vries	Written test and assignment(s)
201400580	Psychology and Crime	5	2A	Dr. R. Geurts	Written test and assignment(s)
201600161	Advanced Research Methods for Conflict, Risk and Safety <sup>1</sup>	5	1B / 2B	Dr. M. Kuttschreuter	Assignment(s)
<b>Elective courses</b>					
192914040	Learning and Instruction <sup>1,2</sup>	5	1A / 2A	Dr. H. van der Meij	Written test
201900040/ 201900041	Cognition and Technical Systems: Intelligent Systems/ Cognition and Technical Systems: Traffic Psychology <sup>1,2,3</sup>	5	1A / 2A	Prof. dr. F. van der Velde (1A), Prof. dr. ing. W.B. Verwey (2A)	Written test and assignment(s)
201400584	Design of Persuasive Health Technology <sup>1,2</sup>	5	1A / 2A	Dr. L.M.A. Braakman-Jansen	Assignment(s)

<sup>1</sup> This course is offered twice a year

<sup>2</sup> Students choose one of the courses

<sup>3</sup> Students who start the master's programme in September can choose the elective course 201900040 Cognition and Technical Systems: Intelligent Systems. Students who start the master's programme in February can choose the elective course 201900041 Cognition and Technical Systems: Traffic Psychology.

*Master's thesis and/or Internship\**

<b>Name</b>	<b>Study load in EC</b>	<b>Exam format</b>	<b>Examiner</b>
Master's thesis Conflict, Risk and Safety	25 (or 35)	Exam/assignment	<b>Examiner(s) as described in the thesis contract.</b>
Internship master Psychology	10	Exam/assignment	<b>UT supervisor as described in the internship contract</b>

\* The internship in the master is optional. When an Internship is possible the student conducts a master's thesis of 25EC. When a student does not go on an Internship a master's thesis of 35EC is conducted.

More information about the master's thesis and the requirements can be found at:

[www.utwente.nl/psy/graduationweb](http://www.utwente.nl/psy/graduationweb)

More information about the internship and the requirements can be found at:

[www.utwente.nl/psy/master/internship](http://www.utwente.nl/psy/master/internship)

### **Health Psychology & Technology (HPT)**

The mastertrack HPT consists of four obligatory courses (20EC) and one elective course (5EC). The track will be completed with a master's thesis and Internship (35EC). The Internship (10EC) is optional. When an Internship is possible the student conducts a master's thesis of 25EC. When a student does not go on an Internship a master's thesis of 35EC is conducted.

<b>Course code</b>	<b>Course name</b>	<b>Study load in EC</b>	<b>Block</b>	<b>Examiner</b>	<b>Exam format</b>
<b>Obligatory courses HP</b>					
<b>201000136</b>	Public Health Psychology	5	1A	Dr. C.H.C. Drossaert	Written test and assignment(s)
<b>201200121</b>	Behavioural Medicine	5	2A	Dr. E. Taal	Written test and assignment(s)
<b>201400584</b>	Design of Persuasive Health Technology <sup>1</sup>	5	1A / 2A	Dr. L.M.A. Braakman-Jansen	Assignment(s)
<b>201600163</b>	Advanced Research Methods for Psychology, Health and Technology <sup>1</sup>	5	1B / 2B	Dr. A. Sools	Assignment(s)
<b>Elective courses HP</b>					
<b>192914040</b>	Learning and Instruction <sup>1,2</sup>	5	1A / 2A	Dr. H. van der Meij	Written test
<b>201900040/ 201900041</b>	Cognition and Technical Systems: Intelligent Systems/ Cognition and Technical Systems: Traffic Psychology <sup>1,2,3</sup>	5	1A / 2A	Prof. dr. F. van der Velde (1A), Prof. dr. ing. W.B. Verwey (2A)	Written test and assignment(s)
<b>201400581</b>	Risk and Leadership in Societal and Technological Contexts <sup>1,2</sup>	5	1A / 2A	Dr. P.W. de Vries	Written test and assignment(s)

<sup>1</sup> This course is offered twice a year

<sup>2</sup> Students choose one of the courses

<sup>3</sup> Students who start the master's programme in September can choose the elective course 201900040 Cognition and Technical Systems: Intelligent Systems. Students who start the master's programme in February can choose the elective course 201900041 Cognition and Technical Systems: Traffic Psychology.

*Master's thesis and/or Internship\**

<b>Name</b>	<b>Study load in EC</b>	<b>Exam format</b>	<b>Examiner</b>
Master's thesis Health Psychology & Technology	25 (or 35)	Exam/assignment	<b>Examiner(s) as described in the thesis contract.</b>
Internship master Psychology	10	Exam/assignment	<b>UT supervisor as described in the internship contract</b>

\* The internship in the master is optional. When an Internship is possible the student conducts a master's thesis of 25EC. When a student does not go on an Internship a master's thesis of 35EC is conducted.

More information about the master's thesis and the requirements can be found at:

[www.utwente.nl/psy/graduationweb](http://www.utwente.nl/psy/graduationweb)

More information about the internship and the requirements can be found at:

[www.utwente.nl/psy/master/internship](http://www.utwente.nl/psy/master/internship)

### **Learning Sciences (LS)**

The mastertrack LS consists of four obligatory courses (20EC) and one elective course (5EC). The track will be completed with a master's thesis and Internship (35EC). The Internship (10EC) is optional. When an Internship is possible the student conducts a master's thesis of 25EC. When a student does not go on an Internship a master's thesis of 35EC is conducted.

<b>Course code</b>	<b>Course name</b>	<b>Study load in EC</b>	<b>Block</b>	<b>Examiner</b>	<b>Exam format</b>
<b>Obligatory courses LS</b>					
<b>192914040</b>	Learning and Instruction <sup>1</sup>	5	1A / 2A	Dr. H. van der Meij	Written test
<b>201400582</b>	Learning and Individual Differences: Assessment and Intervention	5	1A	Dr. J. ter Vrugte	Written test and assignment(s)
<b>201400002</b>	Innovative technology-based environments	5	2A	Dr. T. Eijnsink	Assignment(s)
<b>201600164</b>	Adaptivity in Learning and Instruction <sup>1</sup>	5	1B (/2B)	Dr. A.M. van Dijk	Written test and assignment(s)
<b>Elective courses LS</b>					
<b>201400584</b>	Design of Persuasive Health Technology <sup>1,2</sup>	5	1A / 2A	Dr. L.M.A. Braakman-Jansen	Assignment(s)
<b>201900040/ 201900041</b>	Cognition and Technical Systems: Intelligent Systems/ Cognition and Technical Systems: Traffic Psychology <sup>1,2,3</sup>	5	1A / 2A	Prof. dr. F. van der Velde (1A), Prof. dr. ing. W.B. Verwey (2A)	Written test and assignment(s)
<b>201400581</b>	Risk and Leadership in Societal and Technological Contexts <sup>1,2</sup>	5	1A / 2A	Dr. P.W. de Vries	Written test and assignment(s)
<b>191970340</b>	Designing Learning & Performance Support <sup>1,2</sup>	5	1A	Dr. H. van der Meij	Written test and assignment(s)

<sup>1</sup> This course is offered in block 1B and possibly also in block 2B

<sup>2</sup> Students choose one of the courses

<sup>3</sup> Students who start the master's programme in September can choose the elective course 201900040 Cognition and Technical Systems: Intelligent Systems. Students who start the master's programme in February can choose the elective course 201900041 Cognition and Technical Systems: Traffic Psychology.

*Master's thesis and/or Internship\**

<b>Name</b>	<b>Study load in EC</b>	<b>Exam format</b>	<b>Examiner</b>
Master's thesis Learning Sciences	25 (or 35)	Exam/assignment	<b>Examiner(s) as described in the thesis contract.</b>
Internship master Psychology	10	Exam/assignment	<b>UT supervisor as described in the internship contract</b>

\* The internship in the master is optional. When an Internship is possible the student conducts a master's thesis of 25EC. When a student does not go on an Internship a master's thesis of 35EC is conducted.

More information about the master's thesis and the requirements can be found at:

[www.utwente.nl/psy/graduationweb](http://www.utwente.nl/psy/graduationweb)

More information about the internship and the requirements can be found at:

[www.utwente.nl/psy/master/internship](http://www.utwente.nl/psy/master/internship)

### **Human Factors & Engineering Psychology (HFE)**

The mastertrack (HFE) consists of four obligatory courses (20EC) and one elective course (5EC). The track will be completed with a master's thesis and Internship (35EC). The Internship (10EC) is optional. When an Internship is possible the student conducts a master's thesis of 25EC. When a student does not go on an Internship a master's thesis of 35EC is conducted.

<b>Course code</b>	<b>Course name</b>	<b>Study load in EC</b>	<b>Block</b>	<b>Examiner</b>	<b>Exam format</b>
<b>Obligatory courses HFE</b>					
<b>201900040/201900041</b>	Cognition and Technical Systems: Intelligent Systems/ Cognition and Technical Systems: Traffic Psychology Cognition and Technical Systems <sup>1,3</sup>	5	1A / 2A	Prof. dr. F. van der Velde (1A), Prof. dr. ing. W.B. Verwey (2A)	Written test and assignment(s)
<b>201300034</b>	Resilience Engineering	5	1A	Prof.dr. J.M.C. Schraagen	Assignment(s)
<b>201100126</b>	Human Computer Interaction	5	2A	Dr. M. Schmettow	Written test and assignment(s)
<b>201600162</b>	Advanced Research Methods for Human Factors and Engineering Psychology <sup>1</sup>	5	1B / 2B	Dr. R.J.H. van der Lubbe	Written test
<b>Elective courses HFE</b>					
<b>201400584</b>	Design of Persuasive Health Technology <sup>1,2</sup>	5	1A / 2A	Dr. L.M.A. Braakman-Jansen	Assignment(s)
<b>201400581</b>	Risk and Leadership in Societal and Technological Contexts <sup>1,2</sup>	5	1A / 2A	Dr. P.W. de Vries	Written test and assignment(s)
<b>192914040</b>	Learning and Instruction <sup>1,2</sup>	5	1A / 2A	Dr. H. van der Meij	Written test

<sup>1</sup> This course is offered twice a year

<sup>2</sup> Students choose one of the courses

<sup>3</sup> Students who start the master's programme in September take the course 201900040 Cognition and Technical Systems: Intelligent Systems. Students who start the master's programme in February take the course 201900041 Cognition and Technical Systems: Traffic Psychology.

### Master's thesis and/or Internship\*

<b>Name</b>	<b>Study load in EC</b>	<b>Exam format</b>	<b>Examiner</b>
Master's thesis Human Factors & Engineering Psychology	25 (or 35)	Exam/assignment	<b>Examiner(s) as described in the thesis contract.</b>
Internship master Psychology	10	Exam/assignment	<b>UT supervisor as described in the internship contract</b>

\* The internship in the master is optional. When an Internship is possible the student conducts a master's thesis of 25EC. When a student does not go on an Internship a master's thesis of 35EC is conducted.

More information about the master's thesis and the requirements can be found at:

[www.utwente.nl/psy/graduationweb](http://www.utwente.nl/psy/graduationweb)

More information about the internship and the requirements can be found at:

[www.utwente.nl/psy/master/internship](http://www.utwente.nl/psy/master/internship)

### Positive Psychology and Technology (PPT)

The mastertrack PPT consists of five obligatory courses (30EC), a master's thesis (10EC) and an internship (20EC). The Internship (20EC) is optional. When an Internship is possible the student conducts a master's thesis of 10EC. When a student does not go on an Internship a master's thesis of 30EC is conducted.

<b>Course code</b>	<b>Course name</b>	<b>Study load in EC</b>	<b>Block</b>	<b>Examiner</b>	<b>Exam format</b>
201800109	Compassionate Technology	7,5	1A / 2A	Dr. M.L. Noordzij	Written test & assignment(s)
201800111	Positive Clinical Psychology	7,5	1A / 2A	Dr. L.C.A. Christenhusz	Written test, assignment(s) and assessment
201800110	Positive Behavioural Therapy <sup>2</sup>	7,5	1B / 2B	Dr. W.T.M. Pots	Written test, assignment(s) and assessment
201600163	Advanced Research Methods for Psychology, Health and Technology	5	1B / 2B	Dr. A. Sools	Assignment(s)
201800112	Personal Reflection & Development	2,5	1B / 2B	Drs. M. Prenger	Assignment(s)

All PPT courses are offered twice a year.

<sup>2</sup> For the written (partial) exams in this course the following rules are applicable: if the quality of the written exam is not sufficient (mark lower than 5,5), students can do a re-sit but cannot score a higher grade than 6 at the second attempt (this also applies when a student hasn't participated at the first attempt, similar to the rules for assignments).

### Master's thesis and/or Internship<sup>1</sup>

<b>Name</b>	<b>Study load in EC</b>	<b>Exam format</b>	<b>Examiner</b>
Master's thesis Positive Psychology & Technology	10 (or 30)	Exam/assignment	<b>Examiner(s) as described in the thesis contract.</b>
Internship Positive Psychology & Technology <sup>2</sup>	20	Exam/assignment	<b>Drs. M. Prenger</b>

<sup>1</sup> The internship in the master is optional. When an Internship is possible the student conducts a master's thesis of 10EC. When a student does not go on an Internship a master's thesis of 30EC is conducted.

More information about the master's thesis and the requirements can be found at:

[www.utwente.nl/psy/graduationweb](http://www.utwente.nl/psy/graduationweb)

<sup>2</sup> There are two types of internships PPT: 'Clinical Internship PPT' & 'Research/practice internship PPT'. For both internships the obligatory prerequisites are: at least grade 6 for the course 'Positive Clinical Psychology' and actively participated (participated in lectures and exams) in the course 'Positive Behavioural Therapy'.

More information about the internship and the requirements can be found at:

[www.utwente.nl/psy/master/internship](http://www.utwente.nl/psy/master/internship)

### *Content of practical exercises*

A practical exercise is an academic unit or a component of an academic unit in which the emphasis is on the activity of the student, such as:

- preparing a literature review, paper or design project, thesis, article, or position paper, or delivering a public presentation;
- a design or research assignment, tests and experiments, practical exercises, skills practice;
- work placement, fieldwork or excursions;
- participation in other required learning activities aimed at achieving the desired skills.

Practical exercises are generally part of an academic unit of study for which there is a responsible examiner. The structure of the practical exercise(s) is described in general terms in OSIRIS, and in more detail on Canvas at the start of the programme.

The master's thesis is not supervised by a single responsible instructor; instead, a master's thesis committee is assembled. The master's thesis is an individual project, and is evaluated on an individual basis. The master's thesis tests the student's competence in the integrated application of the knowledge, comprehension and skills covered in the study units. More practical information on the master's thesis is available at: [www.utwente.nl/psy/graduationweb](http://www.utwente.nl/psy/graduationweb)

### **1b. Study load (of the programme and of the units of study)**

The Master of Science programme in Psychology at the University of Twente has a study load of 60 EC (1 year, 1680 hours). The study load of each of the study units making up the programme is listed above in paragraph 1a, in the column "EC" (1 EC = 28 hours).

### **1c. Programme specific characteristics (including full-time programme, or part-time/dual programme)**

#### *Nature and structure of the programme*

The Master of Science programme in Psychology is (primarily) a fulltime programme. It consists of two primary components:

- Required obligatory (and elective) courses. In the (full-time) programme students take these courses in the first, second and third block of their programme. Students who want to study in part-time can make some adjustments in their programme, by taking some courses in other/later blocks, only with permission of the study adviser.
- The in-depth phase of the programme: students carry out their master's thesis and/or Internship in preparation for graduation. Students do this in the second, third and fourth block of their programme. Students who want to study in part-time can start (and therefore finish) with their Thesis and/or Internship later on, only with permission of the study adviser.

*Please note:* at the University of Twente, each semester is divided into two blocks. In general in every block 15EC is scheduled (for example three courses of 5 EC (3 \* 140 hours)). Further information on the academic schedule can be found on the University of Twente's Academic Calendar 2019-2020 [website](#).

#### *Coherence and didactic concept*

The MSc MPS programme is committed to providing students with a learning environment that facilitates them in achieving the learning objectives and induces a critical and analytical approach that enables them to find solutions to complex problems. The MSc MPS programme aims at MSc students developing skills that enable them to work independently and to enhance their personal development. Faculty members offer a diversity of teaching methods (e.g. lectures, tutorials, case studies, group work, seminars) and suitable methods are chosen to correspond with the aims of the individual courses and the programme. The staff seek to actively engage students in their learning experiences across all modes of teaching.

#### *Courses to be obtained and exemption from an exam*

The Examination Board can grant the student exemption from one or more units of study at his request. If the Examination Board has granted an exemption from a unit of study (pertaining solely to the level, content and quality of exams or tests previously taken by the student or knowledge, insight and skills acquired by the student outside of the sphere of university education) then the exemption does not count for the master courses EC's to be obtained. In that case the student in most cases has



to follow a flexible programme as referred to in Article 7.3d of the Act, including an alternative unit of study (instead of the unit of study the student has granted an exemption). The Examination Board assesses whether a flexible programme is appropriate and consistent within the domain of the programme and whether the level of the requested course(s) is appropriate in light of the final attainment targets of the programme.

**1d. Honours programme (incl. admission and selection procedure)**

For excellent students the University of Twente offers three different extra-curricular Master’s honours programmes of 15 EC. Each of these programs has a distinctive profile, which allows the student to develop himself in one of three roles: as an organizer, designer or researcher. These programmes are:

- MSc Change Leaders
- MSc Design Honours
- MSc Research honours.

More information about these programs and the corresponding selection procedure can be found at the UT honours programmes [website](#).

**1e. Pre-master’s programme**

The pre-master’s programme aims to provide students, who have at least a (research) university bachelor’s degree or a related HBO (university of applied sciences) (168 SP / 240 EC) degree, with the theoretical psychological basis and the design and research skills that qualifies them for studying in the Master of Psychology. Completing the pre-master’s programme gives no right to admission to the undergraduate BSc exam. Admission to the pre-master’s programme and the contents of the pre-master’s programme will be determined individually by the Admission Committee of Psychology (see chapter 4 of this appendix).

**The content of the pre-master’s programme**

The pre-master’s programme Psychology consists of a generic / academic part (30 EC), a module that prepares for the specific master’s specialisation (15 EC) (admissibility depending on previous education) and a tutorial package (so called ‘self-study package’) with written test (0 EC, study load approximately equivalent to 5 EC) in the summer (holiday).

*Generic / academic part (30 EC)*

The generic part consists of methods and statistics courses, research and design courses and an orientation to the Psychology disciplines. This generic component which is offered twice a year is the first part of the pre-master. Students start with this part on September 1 or on February 1st. The generic part is as follows:

<b>Semester 1 (September – February)</b>	
<b>Quartile 1A</b>	<b>Quartile 1B</b>
<b>5 EC</b> Research Methodology and Descriptive Statistics <b>201300063</b>	<b>5EC</b> Inferential Statistics <b>201300064</b>
<b>5EC</b> Introduction to Psychology <b>192901050</b>	<b>5EC</b> Design Methodology for Psychology <b>192983010</b>
<b>5EC</b> Academic Writing <b>201200093</b>	<b>5EC</b> Pre-Master Research Practical <b>201300078</b>

<b>Semester 2 (February - August)</b>	
<b>Quartile 2A</b>	<b>Quartile 2B</b>
<b>5 EC</b> Research Methodology and Descriptive Statistics <b>201300063</b>	<b>5EC</b> Inferential Statistics <b>201300064</b>
<b>5EC</b> Introduction to Psychology <b>192901050</b>	<b>5EC</b> Design Methodology for Psychology <b>192983010</b>
<b>5EC</b> Academic Writing <b>201200093</b>	<b>5EC</b> Pre-Master Research Practical <b>201300078</b>

Professional ethics/Beroepsethiek (192993100)

Besides these courses the student has to finish the obligatory component Professional ethics (192993100, 0EC, in Dutch). This module, the student can autonomously finish by enrolling for the course in Osiris. After that the course will be visible in Canvas and the student can follow the instructions.

*Module that prepares for the master's specialisation (15 EC)*

The second part of the pre-master consists of a module to prepare for the (elected) master's specialisation. Students follow a 15 EC (full-time) module (from the BSc program) in block 1A or 1B. Whether a student is admitted to a particular module (and the accompanying specialisation) depends on the previous education of the student. This part of the pre-master's programme is offered only once a year: in semester 1.

*More information about rules and regulations of education in modules is available in the UT Bachelor's EER 2019-2020.*

*Written test based on self-education (study load 4 to 5 EC) (in summer)*

Prior to the 15EC module, the student has to successfully complete a written test in the summer (holiday) (preparation based on self-education). This self-education takes the form of knowledge gathering around one of the basic disciplines of psychology, which is relevant to the (chosen) master's specialisation. Some of the students for instance gather knowledge in the field of social psychology, and other students gather knowledge in the field of cognitive psychology.

*Schematic overview of the pre-master's programme*

Schematically the complete pre-master's program is as follows:

	Sem 1 2019/20	Sem 2 2019/20	Summer 2020 or ..	Sem 1 2020/21 or..
<b>Start September</b>	Generic part 30 EC	-	Written test	Module 15 EC
<b>Start February</b>	-	Generic part 30 EC	Written test	Module 15 EC

*Please note that the above sequence of pre-master components is obligatory.*

## **2. Goals/objectives and final attainment targets/qualifications**

### **2a. Programme objectives**

The learning objectives and attainment targets of the Psychology programme, both bachelor and master, are established on the basis of the domain-specific framework, the requirements set by a postgraduate programme, the professional field and the context of "Psychology at a technological university".

The Psychology master's programme consists of five specialisation tracks (all in English), of which students select (at least) one. Technology as a means, and the relationship between technology and mankind (High Tech, Human Touch) are key areas in each specialisation track.

The five specialisation tracks are:

- Conflict, Risk & Safety (CRS)
- Health Psychology & Technology (HPT)
- Human Factors & Engineering Psychology (HFE)
- Learning Sciences (LS)
- Positive Psychology & Technology (PPT)

The master's programme continues to build on the attainment targets of the Psychology bachelor's programme. During the master's, each track constitutes a deepening of the knowledge obtained during the bachelor's degree, and competences acquired in the field of research and design will be developed to a more advanced level. This means that the student is required to work more independently on a more complex design or research assignment and to demonstrate the ability to contribute to the development of a scientific theory, model or tool.

The programme prepares students for the independent practice as a psychological professional, such as an adviser, coach/trainer or policy officer. For example, alumni of various specialisations are working as behavioural scientists at the police or defence, as coach/trainer at an education centre, as human factors expert or consultant, or as policy officer or coordinator of health psychology interventions. After completing the master's programme, graduates can also choose a scientific career (PhD). The master's thesis and, if selected, the internship, ensure that the student gained insight into the future professional field and developed an idea of personal career desires and prospects. Students who completed the master's specialisation Positive Psychology & Technology have mastered basic professional skills in the field of diagnostics and treatment of psychological disorders, and are capable of applying these skills in practical situations, in order to be able to work as a basic

psychologist in individual counselling after graduation. If possible, they can obtain a basic registration in Psychodiagnostics and meet the prerequisites for the post-academic programme to become a licensed health care psychologist.

## **2b. Final attainment targets of the programme**

*1. The graduate has mastered disciplinary and specialist knowledge and skills at an advanced level*  
*The graduates of the Psychology master's programme at the University of Twente have:*

- 1.1 specialist and in-depth knowledge of and insight in contemporary theories, technologies and methods/instruments in the field of their chosen specialisation;
- 1.2 the skills to critically analyse and assess disciplinary concepts, theories, models and procedures in a professional manner, as well as the skills to apply and integrate them to solve a complex issue in a new context in the field of their chosen specialisation;
- 1.3 knowledge of and insight in dilemmas, methods and processes of academic and applied psychological research and the ability to assess the quality of research;

*2. The graduate has research/design competences at an advanced level*

*The graduates of the Psychology master's programme at the University of Twente are individually and largely independently able to:*

- 2.1 analyse complex psychological problems and relate them to a theoretical framework, in such a way that it results in a researchable question or a workable problem statement. In case of a design assignment, either internal or external, the student can adequately translate the needs, desires and requirements of the clients into a tangible problem statement;
- 2.2 make a reasoned selection of research methods and instruments that fit the problem statement and theoretical framework, and to collect, describe, process and analyse information in an adequate and transparent manner, resulting in valid and reliable research outcomes;
- 2.3 design an intervention or instrument for complex psychological problems using a systematic approach, taking into account the characteristics of the people involved during the design process as well as the ethical standards;
- 2.4 reach a clearly phrased conclusion and discussion on the basis of reflection and critical judgement for an individually executed research or design assignment, in which research results are critically assessed and interpreted in relation to the original problem statement and theoretical framework, recent research and, if applicable, social and ethical aspects;
- 2.5 in research/design assignments, provide theoretical and practical implications and convincing substantiated recommendations for further research and/or for the optimization and implementation of the developed interventions;
- 2.6 achieve the development of new, original, knowledge and ideas and to contribute to the development of theories, models and/or instruments;
- 2.7 provide a report on the executed research and design assignment in a clear and concise manner, containing a logical, insightful structure, correct language use, an academic style of writing and application of the common scientific standards and conventions;
- 2.8 hold a target audience-oriented, informative, convincing and appealing presentation with effective use of media, about an executed research and/or design assignment and discuss and defend research design, results and conclusions.

*3. Academic and professional skills and attitude aspects*

*The graduates of the Psychology master's programme at the University of Twente (UT) have general, academic and professional skills at an advanced level that they can employ for the benefit of their future careers. The skills concerned are:*

- 3.1 the attitude and skills to be able to critically reflect on and form an opinion on the meaning and value of scientific knowledge, as well as being able to reflect and pass judgement on their own work and professional actions;
- 3.2 the attitude and skills to be able to initiate their own learning and working process, shape and adjust it in a goal-oriented and methodical manner and bear a great extent of responsibility for their own learning and working process;
- 3.3 information skills: being able to localize relevant recent, specialist information sources and being able to critically assess their usefulness and reliability;
- 3.4 sufficient social and communication skills and strategic insight to be able to pleasantly work together with customers, supervisors, clients and peers;

- 3.5 general oral communication skills (skills of expression, reasoning, communicating in a professional context, being able to present yourself in a group and the professional field);
- 3.6 specifically applicable to the master's specialisation Positive Psychology & Technology: the graduate has mastered professional competences in the field of diagnostics, counselling, and treatment of psychological disorders and is, in case they completed a 'clinical' internship, demonstrably capable of applying these skills to practical situations.

### 3. Examination and exams

#### 3a. Examination

The programme has one examination, the Master's examination after 1 year. The Master's examination is deemed to have been successfully completed if the exams of the units of study, including the final master's thesis, have been taken successfully. The master's thesis is the final part of the Master's programme, all other units of study have to be completed before a student can register for the Master's examination.

#### 3b. Exams and tests

The nature of the various units of study (and hence the nature of the learning objectives) brings with it a mix of various types of tests, such as written tests, individual and group (project) assignments, and presentations. See paragraph 1a for more information on the exam methods for each unit of study. In addition to Article 4.1 of the common elements of this EER, in the master's programme in Psychology the following rules apply:

- If a unit of study has been completed (passed with 5,5 or 6) this grade is final. If a student likes to upgrade his grade (due to exceptional circumstances) he must have a written confirmation of the examination board.
- In case of assignments: if the quality of an assignment is not sufficient (5.49 or less) the student cannot score a higher grade than 6 at the second attempt. This also applies if the student did not hand in an assignment at the first attempt.

#### 3c. Period of validity of test results

In addition to paragraph 4.8.2 of the common elements of this EER, in the master's programme in Psychology, a result of a test (part of an exam of a unit of study) is valid until the end of the next academic year, counted from the start of the unit of study.

#### 3d. Maximum attempts for exams per academic year

In addition to paragraph 4.5.2 of the common elements of this EER, in the master's programme in Psychology, in case a unit of study and its exam is offered more than once per academic year a student may participate in the exams in more than two occasions (only if the student fails the first two attempts).

#### 3e. Required sequence of exams / Prerequisites

MSc programme:

For all courses in the MSc programme the obligatory prerequisite is:

Completed UT BSc Psychologie (or equivalent to be decided by the programme's Admission committee) or UT pre-master's programme Psychology

See the next tables for the specific prerequisites per course/unit of study within the MSc and pre-master's programme

MSc programme:

Course name	Prerequisites
Internship PPT ('Clinical Internship PPT' & 'Research/practice internship PPT')	Obligatory: at least grade 6 for the course 'Positive Clinical Psychology' and actively participated (participated in lectures and exams) in the course 'Positive Behavioural Therapy'.
Master's thesis	Recommended: 10EC

Pre-master's programme:

Course code	Course name	Prerequisites
201300078	Pre-Master Research Practical	Obligatory prior knowledge: Research Methodology and Descriptive Statistics (at least grade 5), Academic Writing Pre-master completed successfully (at least grade 6)
	15EC module part of the programme	All courses in the 30EC (first) part of the pre-master programme and the written (summer) test (at least grade 6)

#### 4. General information

##### 4a. Admission to the programme

A request to be admitted to the programme is assessed by an admission committee headed by/represented by the programme director.

The assessment of all applicant skills is based on academic background. The regulations for the different educational backgrounds are:

##### - Dutch Research University Degree

- a. *A Bachelor's degree in Psychology at the University of Twente*  
Applicants with a Bachelor's degree in Psychology awarded by the university of Twente will be admitted to the programme. For the tracks/specialisations in the master Psychology some (elective) units of study in the bachelor/pre-master are identified as obligatory prerequisite. UT Psychology students can find information about this on [www.utwente.nl/psy](http://www.utwente.nl/psy)
- b. *A bachelor's degree in Psychology awarded by a(nother) Dutch (Research) university*  
Students with a Bachelor's degree in Psychology will generally be granted admission to the MSc programme in Psychology. The exact details of the previous education will determine whether the student can transfer directly into the Master's programme. In some cases, students may need to remediate their knowledge in certain areas, such as following some courses/units of study in the pre-master's programme. The admissions committee determines whether or not a pre-master is necessary depending on the contents of the bachelor programme.
- c. *Another Bachelor's degree awarded by a Dutch Research University*  
Applicants with a Bachelor's degree other than Psychology awarded by a Dutch Research University may be admitted to the programme after completion of a pre-master's programme. They can choose from the following four specialisations: Learning Sciences; Health Psychology & Technology; Conflict, Risk & Safety; and Human Factors & Engineering Psychology. The specialisation in Positive Psychology & Technology is only open to applicants in possession of an academic Bachelor's or Master's degree in Psychology. The admissions committee determines the content of the pre-master's programme, depending on the Bachelor's programme.

##### - Degree from a Dutch university of applied sciences (HBO)

- a. *A Bachelor's degree in a related field awarded by a Dutch University (college) for higher professional education*  
Students with a Bachelor's degree (240EC) in a related field awarded by a Dutch University (college) for higher professional education may be admitted to the MSc programme after completion of a pre-master's programme. A related field (to be assessed by the programme's Admission Committee) implies that an applicant possesses sufficient knowledge and skills with regard to the content of the domain of (the master specialisations) Psychology. If students are admitted to the pre-master's programme they are admitted to the MSc programme if they have successfully completed the pre-master's programme in compliance with the binding rules/recommendation in the pre-master's programme (see paragraph 6.)
- b. *A different Bachelor's degree awarded by a Dutch University (college) for higher professional education*

Applicants with a Bachelor's degree in a non-related field (to be assessed by the programme's Admission Committee), awarded by a Dutch university for professional education (HBO-instelling), will not be admitted to the (pre-)master's programme Psychology.

For more information about the admission criteria for Bachelor's degrees from Dutch universities for higher professional education see the [website](#).

#### **- Non-Dutch University Degree**

The admission committee will assess Bachelor's degrees awarded by a non-Dutch university on an individual basis. The assessment of the applicant's competencies will be based on:

##### *Required knowledge in Psychology*

- Bachelor's degree or equivalent in the academic field of Psychology
- (Basic) knowledge of the chosen master specialisation (Human Factors & Engineering Psychology; Conflict, Risk & Safety; Learning Sciences; Health Psychology & Technology; Positive Psychology & Technology).

##### *Required research skills*

- Research methodology
- Research and statistical techniques (SPSS)
- Design methodology

##### *Required language skills*

- Sufficient mastery of the English language: Academic IELTS, 6.5 on the IELTS where all sub-scores are at least 6.0 or equivalent, or · TOEFL, internet based (TOEFL-iBT) of at least 90, or · Cambridge CAE-C (CPE)
- In addition, Chinese nationals need a Nuffic certificate

For more information about the admission criteria for Bachelor's degrees from non-Dutch universities see the [website](#).

#### **4b. Language**

The language of communication, instruction and examination in the MSc programme Psychology is English. This means that in all tracks/specialisations:

- Study materials are in English.
- Classes (lectures, seminars, workshops, practicals, and others) are taught in English\*.
- Exams and assignments are composed in English and students have to complete all exams and assignments in English\*/\*\*.
- Presentations (including the master's thesis presentation) have to be prepared in English.

\* In the master's specialisation Positive Psychology & Technology Dutch (speaking) students have the possibility to practise, get feedback on, and do assignments in (counselling) skills in Dutch during some practical/clinical courses.

\*\* For the internship part of the master's programme deviation of this rule is allowed in case (writing) the internship in English is impossible due to the nature of the (Dutch) internship organization. It is then allowed to compose the internship product and/or report in Dutch.

#### **4c. International cooperation and agreements**

For the MSc programme Psychology there are no (formal) agreements with universities in foreign countries.

#### **4d. Elective options and their related requirements**

The elective options in the programme can be found in paragraph 1a. Students are free to choose one elective course, can decide whether they want to do an internship and can choose the specific subject of the master's thesis.

#### **4e. Programme committee (PC/OLC)**

The members of the educational programme committee (PC/OLC) are appointed by the Dean of the faculty. The members are recruited from students and teaching staff members of both the Bachelor's programme Psychology and the Master's programme Psychology, on an equal basis (50% students and 50% staff members). The most up-to-date composition of the committee can be found at the webpage of the [programme committees](#).

The tasks of the program committee are:

- Giving advice on the Teaching and Examination Regulations (TER):
- Assessing, on a yearly basis, the manner in which the Teaching and Examination Regulations (TER) are carried out;
- Giving advice - invited or not invited - to the programme management and the Dean on all matters relating to the teaching in the educational programme.

#### **4f. Examination Board**

The Examination Board is the body that determines in an objective and expert manner whether a student meets the conditions set under the Teaching and Examination Regulations (TER) concerning the knowledge, comprehension and skills required to obtain a degree. Members of the Examination Board are appointed by the Dean of the faculty.

The Board's main tasks are described in paragraph 5.1 of the common elements of this EER BMS. More information, including the most up-to-date composition of the Board can be found at the [webpage of the Examination Boards](#).

### **5. Transitional arrangements**

In the academic year 2019-2020 one unit of study/course of the master track/specialisation Human Factors and Engineering Psychology (which was offered in 2018-2019) will no longer be offered:  
201400583 Cognition and Technical Systems

In general, students are bound to the following transitional arrangements: the units of study of the 2018-2019 programme are replaced by the current Psychology graduation units of study as listed in the table below.

<b>2018-2019</b>	<b>In 2019-2020 replaced by:</b>
201400583 Cognition and Technical Systems	201900040/201900041 Cognition and Technical Systems: Intelligent Systems/ Cognition and Technical Systems: Traffic Psychology

### **6. Binding Recommendation pre-master Psychology**

In the pre-master Psychology programme several rules, as a Binding Recommendation (Bindend Studieadvies), are applicable. In case of a negative binding recommendation (i.g. the student does not meet (one or more of) the requirements as listed below) the student will be excluded from further following courses (this means that the pre-master is terminated) and is no longer entitled to enroll in the pre-master and master's programme Psychology at the University of Twente .

The following rules/requirements apply in the pre-master Psychology (and transfer minor):

- Within a period of two blocks/quartiles (excluding re-sits of block 1B/2B) the student must have obtained at least 20 EC of the pre-master's programme. Possible exemptions granted are not included in the EC's to be gained. If the student does not meet this requirement the student is excluded from further participation in subsequent courses (with this, the pre-master is terminated).
- Within a period of four blocks/quartiles (the first year) the student is required to have successfully completed the generic / academic part of the pre-master (30 EC). If the student does not finish the 30EC generic part within four blocks/quartiles the student is excluded from further following courses (with which the pre-master is terminated).
- The student can attempt for a pre-master's course at an exam / written subtest / assignment up to a maximum of two times. Students who, after the second exam attempt, have not passed one (or more) pre-master's course(s), are excluded from further following courses (with which the pre-master is terminated).
- To be allowed to start the 'Pre-Master Research Practical' course (in the second block/quartile) a minimum grade of 5 needs to be achieved for the course "Research Methodology and Descriptive Statistics" and the course "Academic Writing" needs to be successfully completed. When a student does not successfully complete the 'academic writing' course in the first attempt/block, then the opportunity of an early second/re- exam attempt (at the beginning of the second block/quartile) is offered. When this early re-exam is successful, it is possible to take the 'Pre-Master Research Practical' course in the second block/quartile (without study delay).

- To be allowed to start with the (15 EC) module in preparation for the master's specialisation, the:
    - (Written) exam ('self-study' part) in summer must be successfully completed (grade 6). A re-examination of this written test (in summer) is (only) possible when the student attended the first opportunity and achieved a minimum grade of 4,0.
    - Entire generic / academic part of the pre-master (30 EC) must be successfully completed.
  - The module in preparation for the master's specialisation must be achieved at the first attempt (under predetermined conditions repair of a part of the module is possible).
- Note: The above rules apply to both full-time students and part-time students.  
 Note: The above rules apply also to students who are taking the transfer minor.

## 7. Additional subjects

### 7a. Graduation with distinction

#### *Distinction/'Cum Laude' (cohort 2019)*

The Psychology Examination Boards made a regulation for graduating with distinction (Cum Laude). If a student meets the following conditions the examination Board is entitled to consider the decision for granting graduating Cum Laude. The following conditions are determined for graduating cum laude in the Master:

- a. In case that a student demonstrates excellent abilities during the master, the distinction Cum Laude can be stated on the certificate.
- b. Excellent abilities are present if each of the following criteria are fulfilled.
  1. the non-weighted average of the grades (courses, thesis, internship) is not less than an 8,0;
  2. the grade "Vr" or a none number grade will not be part of the average. Besides, the "Cum Laude" distinction can only be awarded in case the final project has been completed under the supervision of and has been assessed by a faculty's examiner;
  3. no graded work was redone;
  4. no graded work had a result of less than a 7;
  5. the final project is graded an 8 or more;
  6. if applicable, the grade of the internship (work placement) is graded 8 or more;
  7. and, the student fulfils all requirements within 18 months
- c. If the conditions, as stated above, cannot be fulfilled, the student, a member of the student's graduation committee, the programme director or the study adviser is entitled to submit a request for "Cum Laude" to the Examination Board. In this case the excellent abilities and circumstances must be argued.

#### *Distinction/'Cum Laude' (cohort 2018 and earlier)*

The Psychology Examination Boards made a regulation for graduating with distinction (Cum Laude). If a student meets the following conditions the examination Board is entitled to consider the decision for granting graduating Cum Laude. The following conditions are determined for graduating cum laude in the Master:

- a. In case that a student demonstrates excellent abilities during the master, the distinction Cum Laude can be stated on the certificate.
- b. Excellent abilities are present if each of the following criteria are fulfilled.
  1. the non-weighted average of the grades (courses, thesis, internship) is not less than an 8,0;
  2. the grade "Vr" or a none number grade will not be part of the average. Besides, the "Cum Laude" distinction can only be awarded in case the final project has been completed under the supervision of and has been assessed by a faculty's examiner;
  3. no graded work was redone;
  4. no graded work had a result of less than a 7;
  5. the final project is graded an 8 or more;
  6. and, if applicable, the grade of the internship (work placement) is graded 8 or more;
- c. If the conditions, as stated above, cannot be fulfilled, the student, a member of the student's graduation committee, the programme director or the study adviser is entitled to submit a request for "Cum Laude" to the Examination Board. In this case the excellent abilities and circumstances must be argued.