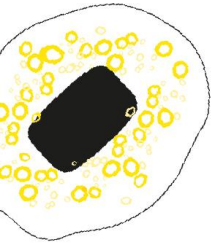
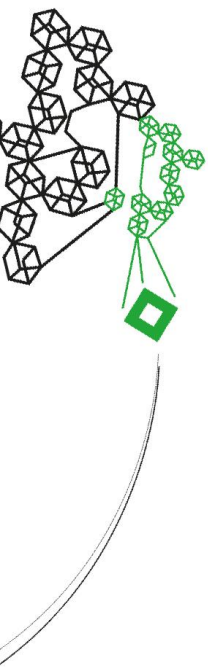


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Programme-specific appendix to the
Education and Examination Regulations (EER)
2022-2023

For the Master of Science programme
Psychology (MPS)



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1. General provisions

1.1. Admission to the programme

1.1.1. General admission criteria

A request to be admitted to the master's programme Psychology 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 admissible to the Master's programme. For the specialisations in the master Psychology some (elective) study units in the bachelor/pre-master are identified as obligatory prerequisites. UT Psychology students can find information about this (in the study programme) on 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 admissible 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/study units in the pre-master's programme Psychology. The admission committee determines whether or not a pre-master is necessary depending on the contents of the previously completed bachelor programme.

For the Positive Clinical Psychology & Technology (PCPT) specialisation students need to have obtained a minimal amount of EC in specific relevant (clinical) fields to fulfill the criteria for the PCPT selection procedure, see 1.1.2 for more information.

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 the pre-master's programme. They can choose from the following four specialisations: Educational Psychology (EP); Health Psychology & Technology (HPT); Conflict, Risk & Safety (CRS); and Human Factors & Engineering Psychology (HFE). The admission committee determines the content of the pre-master's programme, depending on the (previously completed) Bachelor's programme.

For the specialisation in Positive Clinical Psychology & Technology only applicants in possession of an academic Bachelor's or Master's degree in Psychology are admissible.

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- 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 (240 EC) in a related field awarded by a Dutch University (college) for higher professional education may be admissible 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 2.7)

For the master's specialisation PCPT only students with a degree in Applied Psychology (Toegepaste Psychologie, fulltime programme only), including/with the clinical track (specialisatie Gezondheidspsychologie, voorheen Klinische Hoofdstroom) of Saxion University of Applied Sciences in Deventer (the Netherlands), are admissible to the pre-master's programme for the master's specialisation PCPT. If students are admitted to the pre-master's programme they are admissible 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. After successfully completing the pre-master's programme, students are not granted direct access to the PCPT master specialisation. Pre-master's students need to participate in the PCPT selection procedure, for more information see 1.1.2.

- 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 for CRS, HFE, HPT and EP, see the [website](#).

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

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- **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

Required knowledge for specialisation

- For the specialisations Human Factors & Engineering Psychology; Conflict, Risk & Safety; Learning Sciences; and Health Psychology & Technology:
 - (basic) knowledge of the chosen master specialisation
- For the specialisation Positive Clinical Psychology & Technology:
 - A minimal EC of specific knowledge (total 47 EC) in the fields of Clinical and Personality Psychology, Psychopathology, Neuropsychology, Psychodiagnostics (including the entire diagnostic assessment process documented in a (psychological) case report) and Conversation skills, Observation, and Reporting (in the clinical field). For more specific information see 4.a.b.

Required research skills

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

Required language skills

- English language requirements: please consult the [admission website](#) for the up-to-date requirements.
- In addition, Chinese nationals need a Nuffic certificate.

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

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

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1.1.2. Qualitative admission requirements specialisation PCPT

In addition to the abovementioned admission requirements, a selection procedure for the Positive Clinical Psychology & Technology specialisation applies. The following qualitative requirements apply for selection to the Positive Clinical Psychology & Technology specialisation:

- Must have at least earned the listed study credits in the following relevant disciplines (pertaining to the LOGO requirements for prior education):
 - 4-8 EC Personality Psychology
 - 4-8 EC Clinical Psychology
 - 4-8 EC Developmental Psychology
 - 4-7 EC Psychopathology
 - 5-7 EC Neuropsychology
 - 8-13 EC Psychodiagnostics (including the entire diagnostic assessment process documented in a (psychological) case report)
 - 6-8 EC Conversation skills, Observation, and Reporting (in the clinical field)
 - The number of obtained credits should add up to 47 EC in total.

The maximum number of persons admissible is partly based on the number of places available in small group trainings in the courses, available internship spots anticipated and regional GZP education places. If the expected number of candidates exceeds the number of available places in this specialisation, qualitative admission criteria (such as an assignment or interview) are used to determine the ranking order for admission. A selection committee evaluates the selection criteria.

Information about the selection procedure and the qualitative admission criteria are available on the [website](#).

1.2. Language of the programme

The language of communication, instruction and assessment in the pre-master and MSc programme Psychology is English. This means that in all specialisations:

- Study materials are in English.
- Classes (lectures, seminars, workshops, practicals, and others) are taught in English*.
- Exams (written tests) 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 Clinical 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.

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1.3. Connecting Masters' programme(s)

Not applicable

1.4. Rights, duties and composition of the programme committee

In line with article 9.18 WHW, each programme has a programme committee, which has the duty to advise programme management on improving and safeguarding the quality of the programme. It has a right of consent regarding a number of topics in the Education and Examination Regulations (EER), e.g. the goals and intended learning outcomes of the programme in terms of knowledge, insight and skills that a student should have acquired at the end of the programme; where necessary the layout of practical exercises; the study load of the programme and its study units. In addition, the programme committee evaluates on a yearly basis the manner in which the EER has been carried out and has the right to advise programme management and the dean – invited or uninvited – on all matters relating to the teaching in the programme.

The composition of the current programme committee can be found on this [website](#).

2. Contents and structure of the programme

2.1. Contents and structure of the programme

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

- Conflict, Risk & Safety (CRS)
- Health Psychology & Technology (HPT)
- Human Factors & Engineering Psychology (HFE)
- Educational Psychology (EP)
- Positive Clinical Psychology & Technology (PCPT)

All specialisations consist of specialisation courses, an internship and a master's thesis. The internship of either 19 EC or 10 EC (PCPT), or 10 EC (other specialisations CRS, HPT, HFE and EP), is mandatory in all specialisations. Students conduct a master's thesis of 14 EC (or 23 EC with an internship of 10 EC) for the specialisation PCPT; the thesis consists of 25 for the other specialisations. All specialisations offer a research methods and statistics course relevant for the thesis and the professional field of that specialisation.

In the Tables 1-5 in an overview of all courses, the study units for every specialisation are described: the study units (courses) making up the MSc programme, the study load in EC (1 EC = 28 hours) per unit, the examiners and the examination/test formats are shown. (More) detailed information about the formats will be presented by the examiner in OSIRIS and CANVAS.

Also, the periods in which these study units are offered are marked by block 1A, block 1B, block 2A and block 2B. Students can start the master(specialisations) 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.

During the MSc Psychology programme, students are expected to further develop self-directed learning. They should be capable to manage projects, to work effectively in groups, and to solve problems. Consequently, students are expected to work relatively autonomously in their master's programme. Also, in the master's programme they are given ample opportunity to choose how they would like to learn, what they would like to learn, and on which topic (e.g., elective course, internship, and master's thesis).

The courses in the MSc Psychology programme are taught in smaller groups of students. In the specialisation courses, theoretical knowledge & insight and professional skills & competencies are taught by offering interactive lectures and/or tutorials/practicals¹.

During the research methods courses, research and design knowledge and skills are obtained and applied in smaller group tutorials/workshops*. During their internship and master's thesis, students are supervised individually. Additionally, during their internship, students attend interactive internship workshops/return days which provide guidance. The workshops/return days focus on professional conduct and functioning professionally.

* The proportion online vs. on campus education (lectures/tutorials/practicals) depends on how the COVID-19 situation develops

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Tables with overview of courses per specialisation

1. Conflict, Risk & Safety (CRS)

The master specialisation CRS consists of four obligatory courses (20 EC) and one elective course (5 EC). The specialisation will be completed with a master's thesis and internship. The internship (10 EC) is mandatory*. The student conducts a master's thesis of 25 EC.

Course code	Course name	Study load in EC	Block	Coordinator	Examination format
Obligatory courses CRS					
201100014	Group Dynamics and Interventions	5	1A	Dr. M. Stel	Written test and assignment(s)
201400581	Risk and Leadership in Societal and Technological Contexts ¹	5	1A / 2A	Dr. P.W. de Vries	Written test and assignment(s)
201400580	Psychology and Crime	5	2A	Dr. S.J. Watson	Written test and assignment(s)
201600161	Advanced Research Methods for Conflict, Risk and Safety ¹	5	1B / 2B	Dr. L. Weiher	Assignment(s)
Elective courses					
192914040	Learning and Instruction ^{1,2}	5	1A / 2A	Dr. A.M. van Dijk	Written test
202100305	Human Factors in Health Care ²	5	1A	Dr. R.J.H. van der Lubbe	Assignment(s)
202200072	User Psychology ²	5	2A	Dr. M. Schmettow	Written test and assignment(s)
201400584	Design of Persuasive Health Technology ^{1,2}	5	1A / 2A	Dr. L.M.A. Braakman-Jansen	Assignment(s)
202200049	Behaviour & technology: an interdisciplinary approach ²	5	2A	Dr. H Scholten	Written test

¹ This course is offered twice a year

² Students choose one of the courses

Master's thesis and Internship

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

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

www.utwente.nl/psy/graduationweb

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

www.utwente.nl/psy/master/internship

* For cohorts 2021 and earlier the internship in the master is optional. When an internship is possible the student conducts a master's thesis of 25 EC. When a student does not go on an internship a master's thesis of 35 EC is conducted.

2. Health Psychology & Technology (HPT)

The master specialisation HPT consists of four obligatory courses (20 EC) and one elective course (5 EC). The specialisation will be completed with a master's thesis and internship. The internship (10 EC) is mandatory*. The student conducts a master's thesis of 25 EC.

Course code	Course name	Study load in EC	Block	Coordinator	Examination format
Obligatory courses HP					
202200074	Health Promotion ¹	5	1A	Dr. M.E. Pieterse	Written test and assignment(s)
202200076	Coping with Disease in a Digital Era ²	5	2A	Dr. C.H.C. Drossaert	Written test and assignment(s)
201400584	Design of Persuasive Health Technology ³	5	1A / 2A	Dr. L.M.A. Braakman-Jansen	Assignment(s)
202200075	Evaluating Complex Health Interventions ³	5	1B / 2B	Dr. L.L. Kramer	Assignment(s)

Elective courses HPT					
192914040	Learning and Instruction ^{3,4}	5	1A / 2A	Dr. A.M. van Dijk	Written test
202100305	Human Factors in Health Care ⁴	5	1A	Dr. R.J.H. van der Lubbe	Assignment(s)
202200072	User Psychology ⁴	5	2A	Dr. M. Schmettow	Written test and assignment(s)
201400581	Risk and Leadership in Societal and Technological Contexts ^{3,4}	5	1A / 2A	Dr. P.W. de Vries	Written test and assignment(s)
202200049	Behaviour & technology: an interdisciplinary approach ⁴	5	2A	Dr. H Scholten	Written test

¹ The new course name for Public Health Psychology

² The new course name for Behavioural Medicine

³ This course is offered twice a year

⁴ Students choose one of the courses

Master's thesis and Internship

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

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

www.utwente.nl/psy/graduationweb

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

www.utwente.nl/psy/master/internship

* For cohorts 2021 and earlier the internship in the master is optional. When an internship is possible the student conducts a master's thesis of 25 EC. When a student does not go on an internship a master's thesis of 35 EC is conducted.

3. Educational Psychology (EP)

The master specialisation EP consists of four obligatory courses (20 EC) and one elective course (5 EC). The specialisation will be completed with a master's thesis and internship. The internship (10 EC) is mandatory*. The student conducts a master's thesis of 25 EC.

Course code	Course name	Study load in EC	Block	Coordinator	Examination format
Obligatory courses EP					
192914040	Learning and Instruction ¹	5	1A / 2A	Dr. A.M. van Dijk	Written test
202000005	Positive Education	5	1A	Dr. T.H.S. Eijnsink	Written test and assignment(s)
201400002	Innovative technology-based environments	5	2A	Dr. N. Dmoshinskaia	Assignment(s)
201600164	Adaptivity in Learning and Instruction	5	1B	Dr. A.M. van Dijk	Written test and assignment(s)
Elective courses EP					
191970340	Designing Learning & Performance Support ²	5	1A	Dr. P. Papadopoulos	Assignment(s)
202100305	Human Factors in Health Care ²	5	1A	Dr. R.J.H. van der Lubbe	Assignment(s)
202200072	User Psychology ²	5	2A	Dr. M. Schmettow	Written test and assignment(s)
201400584	Design of Persuasive Health Technology ^{1,2}	5	1A / 2A	Dr. L.M.A. Braakman-Jansen	Assignment(s)
201400581	Risk and Leadership in Societal and Technological Contexts ^{1,2}	5	1A / 2A	Dr. P.W. de Vries	Written test and assignment(s)
202200049	Behaviour & technology: an interdisciplinary approach ²	5	2A	Dr. H Scholten	Written test

¹ This course is offered twice a year

² Students choose one of the courses

Master's thesis and Internship

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

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

www.utwente.nl/psy/graduationweb

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

www.utwente.nl/psy/master/internship

* For cohorts 2021 and earlier the internship in the master is optional. When an internship is possible the student conducts a master's thesis of 25 EC. When a student does not go on an internship a master's thesis of 35 EC is conducted.

4. Human Factors & Engineering Psychology (HFE)

The master specialisation (HFE) consists of four obligatory courses (20 EC) and one elective course (5 EC). The specialisation will be completed with a master's thesis and internship. The internship (10 EC) is mandatory*. The student conducts a master's thesis of 25 EC.

Course code	Course name	Study load in EC	Block	Coordinator	Examination format
Obligatory courses HFE					
202100305	Human Factors in Health Care	5	1A	Dr. R.J.H. van der Lubbe	Assignment(s)
201900041	Traffic Psychology ¹	5	1A	Prof. dr. ing. W.B. Verwey	Written test and assignment(s)
202200072	User Psychology ²	5	2A	Dr. M. Schmettow	Written test and assignment(s)
202200073	Training, Sensors and Simulation ¹	5	2A	Dr. M. Schmettow	Assignment(s)
201600162	Advanced Research Methods for Human Factors and Engineering Psychology ³	5	1B / 2B	Dr. R.J.H. van der Lubbe	Written test

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Elective courses HFE					
192914040	Learning and Instruction ^{3,4}	5	1A / 2A	Dr. A.M. van Dijk	Written test
201400584	Design of Persuasive Health Technology ^{3,4}	5	1A / 2A	Dr. L.M.A. Braakman-Jansen	Assignment(s)
201400581	Risk and Leadership in Societal and Technological Contexts ^{3,4}	5	1A / 2A	Dr. P.W. de Vries	Written test and assignment(s)
202200049	Behaviour & technology: an interdisciplinary approach ⁴	5	2A	Dr. H Scholten	Written test

¹ Students who start the master's programme in September take the course 201900041 Cognition and Technical Systems: Traffic Psychology in 1A. Students who start the master's programme in February take the course 202200073 Training, Sensors and Simulation in 2A.

² The new course name for Human Computer Interaction

³ This course is offered twice a year

⁴ Students choose one of the courses

Master's thesis and Internship

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

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

www.utwente.nl/psy/graduationweb

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

www.utwente.nl/psy/master/internship

* For cohorts 2021 and earlier the internship in the master is optional. When an internship is possible the student conducts a master's thesis of 25 EC. When a student does not go on an internship a master's thesis of 35 EC is conducted.

5. Positive Clinical Psychology & Technology (PCPT)

The master specialisation PCPT consists of five obligatory courses (27 EC), a master's thesis (14 EC or 23 EC) and an internship (19 EC or 10 EC). The internship is mandatory*. When an internship of 19 EC is done, the student conducts a master's thesis of 14 EC. If a student opts for an internship of 10 EC, a master's thesis of 23 EC is conducted.

Course code	Course name	Study load in EC	Block	Coordinator	Examination format
201800109	Compassionate Technology	7,5	1A / 2A	Dr. M.L. Noordzij	Written test & assignment(s)
201800111	Positive Clinical Psychology	7,5	1A / 2A	Dr. M. Schotanus-Dijkstra	Written test, assignment(s) and assessment
202200077	Positive Cognitive Behavioural Therapy ¹	7	1B / 2B	Drs. S.F. de Vries	Written test, assignment(s) and assessment
202200248	Advanced Research Methods for Positive Clinical Psychology and Technology ²	2,5	1B&2A / 2B&1A	Dr. A. Sools	Assignment(s)
201800112	Personal Reflection & Development	2,5	1B / 2B	Drs. M. Prenger	Assignment(s)

All PCPT courses are offered twice a year.

¹ For the written partial exams (tests) in this course the following rules are applicable: if the quality of the written test is not sufficient (grade 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 has not participated at the first attempt, similar to the rules for assignments).

² The course takes place in two consecutive blocks: starting either in block 1B and finishing in the subsequent block 2A or starting in block 2B and finishing in the subsequent block 1A.

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Master's thesis and Internship

Name	Study load in EC	Examination format	Examiner
Master's thesis Positive Clinical Psychology & Technology	14 (or 23)	Exam/assignment	Examiner(s) as described in the thesis contract.
Internship Positive Clinical Psychology & Technology ^{1,*}	19 (or 10)	Exam/assignment	Drs. M. Prenger

More information about the master's thesis and the requirements can be found at: www.utwente.nl/psy/graduationweb

¹ There are two types of internships PCPT: 'Clinical Internship PCPT' & 'Research/education internship PCPT'. For both internships the obligatory prerequisites are: at least grade 6 for the course 'Positive Clinical Psychology' and actively participated (participated in lectures and examination/tests) in the course 'Positive Cognitive Behavioural Therapy'. More information about the internship and the requirements can be found on:

www.utwente.nl/psy/master/internship

* For cohorts 2021 and earlier the internship in the master is optional. When an internship is possible the student conducts a master's thesis of 10 EC. When a student does not go on an internship a master's thesis of 30 EC is conducted.

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 study unit 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 on [Graduation Web](#).

2.2. Study load

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 the table 1-5, in the column "EC" (1 EC = 28 hours).

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2.3. Programme-specific characteristics

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 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 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 15 EC 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 2022-2023](#).

Coherence and didactic concept

The MSc Psychology 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 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.

Exemption from an examination

The examination board can grant the student exemption from one or more study units at his request. Exemption is granted for a maximum of 5 EC of the total 60 EC programme.

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2.4. Honours programme/STAR programme

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 www.utwente.nl/en/excellence/master.

2.5. Elective options

The elective options in the programme can be found in 2.1. Students are free to choose one elective course and can choose the specific subject of the master's thesis.

2.6. Joint/double degrees and/or international cooperation and agreement(s)

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

2.7. 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 bachelor's final examination. 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 1 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) including a psychological ethics self-study course (0 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).

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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 1 September or on 1 February.

The generic part is as follows:

Semester 1 (September – February)	
Quartile 1A	Quartile 1B
<p style="text-align: right;">5 EC</p> <p>Research Methodology and Descriptive Statistics</p> <p>202001402</p>	<p style="text-align: right;">5 EC</p> <p>Inferential Statistics</p> <p>202001403</p>
<p style="text-align: right;">5 EC</p> <p>Introduction to Psychology</p> <p>202000440</p>	<p style="text-align: right;">5 EC</p> <p>Design Methodology for Psychology</p> <p>202000441</p>
<p style="text-align: right;">5 EC</p> <p>Academic Writing</p> <p>202000443</p>	<p style="text-align: right;">5 EC</p> <p>Pre-Master Research Practical</p> <p>202000444</p>

Semester 2 (February - August)	
Quartile 2A	Quartile 2B
<p style="text-align: right;">5 EC</p> <p>Research Methodology and Descriptive Statistics</p> <p>202001402</p>	<p style="text-align: right;">5 EC</p> <p>Inferential Statistics</p> <p>2020001403</p>
<p style="text-align: right;">5 EC</p> <p>Introduction to Psychology</p> <p>202000440</p>	<p style="text-align: right;">5 EC</p> <p>Design Methodology for Psychology</p> <p>202000441</p>
<p style="text-align: right;">5 EC</p> <p>Academic Writing</p> <p>202000443</p>	<p style="text-align: right;">5 EC</p> <p>Pre-Master Research Practical</p> <p>202000444</p>

Professional Ethics (202000442)

Besides these courses the student has to finish the obligatory component Professional Ethics (202000442, 0 EC). 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 2022-2023.

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

Prior to the 15 EC 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 Year 1	Sem 2 Year 1	Summer	Sem 1 Year
Start September	Generic part 30 EC	-	Written test	Module 15 EC
Start February	-	Generic part 30 EC	Written test	Module 15 EC

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

3. Programme objectives and intended learning outcomes

3.1. 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 specialisations (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.

The five specialisations are:

- Conflict, Risk & Safety (CRS)
- Health Psychology & Technology (HPT)
- Human Factors & Engineering Psychology (HFE)
- Educational Psychology (EP)
- Positive Clinical Psychology & Technology (PCPT)

The master's programme continues to build on the attainment targets of the Psychology bachelor's programme. During the master's, each specialisation 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 Clinical 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.

3.2. Intended learning outcomes

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;

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- 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 Clinical 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.

4. Assessment/examination

4.1. Final examination

The programme has one final examination, the Master's examination after 1 year. The Master's examination is deemed to have been successfully completed if the examinations of the study units, 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 study units have to be completed before a student can register for the Master's examination.

**The first examiner, who supervises the student and is directly involved in the thesis's research topic, has to be affiliated to (the department of) the master specialisation concerned. This may only be derogated from upon prior approval by the theme coordinator or the master specialisation concerned. A first examiner not holding a PhD, must at least be a PhD candidate.*

4.2. Assessment format examinations/tests

The nature of the various study units (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 2.1 for more information on the examination methods for each study unit. More detailed information on the examination formats can be found in the course descriptions, in the Osiris course catalogue and on the Canvas site of the course.

Tests can be held online (after approval from the programme management). When a test is held online by means of online surveillance or online proctoring, the examination board and programme management may lay down further rules and conditions for online (proctored) testing. See article 3.2. (of the common elements) of the EER.

4.3. Period of validity of test results

1. A study unit is completed with an examination. The examination is based on one or more test results. An examination result is defined as a test or series of tests for which one result is registered in OSIRIS (see article 7.10 WHW). The study units are described in the tables 1-5 in chapter 1.
2. For practical exercises (see article 3.1.11 EER) within study units, by default only one opportunity to pass will be organized. The assessment plan of the study unit can be used to arrange an exception to this rule and will need to specify all criteria and details of the re-sit or repair option.
3. Article 3.3.5 EER states that examination results are expressed in half grades from 1.0 up to and including 5.0 and from 6.0 up to and including 10.0 whereby:
 - a. Grades will only be rounded in the last phase of the assessment of the study unit;

b. The rounding is done in accordance with the following scheme:

<i>In case $n \neq 5$</i>	
Grade $\geq n.00$ and $< n.25$	$\Rightarrow n.0$
Grade $\geq n.25$ and $< n.75$	$\Rightarrow n.5$
Grade $\geq n.75$ and $< (n+1).00$	$\Rightarrow (n+1).0$
<i>In case $n = 5$</i>	
Grade ≥ 5.00 and < 5.50	$\Rightarrow 5.0$
Grade ≥ 5.50 and < 6.00	$\Rightarrow 6.0$

4. Test results (within a study unit) are expressed in a grade from 1 to 10, with one decimal place, or as 'pass / fail'.
5. If a study unit has been completed (passed with 6 or higher) 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.
6. In case of assignments: if the quality of an assignment is not sufficient (< 5.5) 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.
7. In addition to paragraph 4.8.2 of the common elements of the EER, in the master's programme in Psychology, a result of a test (part of an examination of a study unit) is valid until the end of the next academic year, counted from the start of the study unit.
8. In addition to paragraph 3.1.9 of (the common elements of this) EER, in the master's programme in Psychology, in case a study unit and its examination is offered more than once per academic year a student may participate in the examinations/tests in more than two occasions (only if the student fails the first two attempts).
9. An examination (study unit) with 6 or higher has been successfully completed and remains valid indefinitely.
10. In case a student cannot attend a (group) test review (due to personal circumstances) and requests an individual review, he must consult and receive approval from the study adviser.

4.4. Maximum number of attempts for tests / examinations

See 4.3

4.5. Specific pass-fail regulations

Not applicable

4.6. Prerequisites / required sequence of examinations

MSc programme

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

Completed UT BSc Psychology (or equivalent to be decided by the programme's Admission committee) or UT pre-master's programme Psychology, including the (elective) module that prepares for the chosen master's specialisation.

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

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MSc programme:

Course name	Prerequisites
Internship PCPT ('Clinical Internship PCPT' & 'Research/education internship PCPT')	Obligatory: at least grade 6 for the course 'Positive Clinical Psychology' and actively participated (i.e., participated in lectures and tests) in the course 'Positive Cognitive Behavioural Therapy'.
Master's thesis Specifically for PCPT	Recommended: 10 EC Recommended: 10 EC + obligatory: at least grade 6 for the course Advanced Research Methods for PCPT*

* For cohorts 2021 and earlier, also see chapter 5 Transitional arrangements.

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 6), Academic Writing Pre-master completed successfully (at least grade 6)
	15 EC module part of the programme	All courses in the 30 EC (first) part of the pre-master programme and the written (summer) test (at least grade 6)

4.7. 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 Education and Examination Regulations (EER) concerning the knowledge, insight and skills required to obtain a degree. Members of the examination board are appointed by the dean of the faculty.

More information, including the most up-to-date composition of the examination board can be found at its website: [examination boards BMS](#). All information for students, examiners and educational support staff about the examination boards of BMS is published there, including their Rules and Guidelines, and the procedures and conditions for submitting a request.

5. Transitional arrangements

Article 8.4 of the EER 2021–2022 of the Faculty of Behavioural, Management and Social Sciences for master programmes is applicable. This means that if a study unit that does not involve a practical exercise is deleted from the programme, then students (only when examination results from the deleted study unit are registered in the Student Information System) are to be given two opportunities in the following academic year to take the relevant examination/test(s), either orally or in writing, or to undergo another form of assessment.

In the academic year 2022-2023 the following study unit/courses, which were part of the curriculum in 2021-2022, will no longer be offered:

Master specialisation Human Factors and Engineering Psychology
201900040 Intelligent Systems

Master specialisations Health Psychology and Technology (HPT) & Positive Clinical Psychology and Technology (PCPT)
201600163 Advanced Research Methods for Psychology, Health and Technology

The following applies to these courses: students who submitted at least once the course's assignment(s) and/or who took a(n) examination / test during the academic year 2021-2022, but who failed to complete the course successfully (i.e. implying that the course is graded as insufficient in the university's administrative system OSIRIS), are to be given two re-sit opportunities in the academic year 2022-2023.

Human Factors and Engineering Psychology

HFE students who did not submit at least once the course's assignment(s) and/or took a(n) examination / test during the academic year 2021-2022 are bound to the following transitional arrangements: the study unit of the 2021-2022 programme is replaced by the current study unit as listed in the table below.

2021-2022 HFE course	In 2022-2023 replaced by:
201900040 Intelligent Systems (5 EC)	202100305 Human Factors in Health Care (5 EC)

Health Psychology and Technology

HPT students who did not submit at least once the ARM course's assignment(s) and failed the attendance requirements during the academic year 2021-2022 are bound to the following transitional arrangements: the study unit of the 2021-2022 programme is replaced by the current study unit as listed in the table below.

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2021-2022 HPT course	In 2022-2023 replaced by:
201600163 Advanced Research Methods for Psychology, Health and Technology (5 EC)	202200075 Evaluating Complex Health Interventions (5 EC)

Positive Clinical Psychology and Technology

PCPT students who did not submit at least once the ARM course's assignment(s) and failed the attendance requirements during the academic year 2021-2022 it is necessary to contact the study adviser for consultation on how to complete the master's programme ((at least) 60EC).

2021-2022 PCPT course	In 2022-2023 replaced by:
201600163 Advanced Research Methods for Psychology, Health and Technology (5 EC)	202200248 Advanced Research Methods for Positive Clinical Psychology and Technology (2,5 EC)

Furthermore, three courses will change names in 2022-2023:

Human Factors and Engineering Psychology	
201100126 Human Computer Interaction (5 EC)	202200072 User Psychology (5 EC)
Health Psychology and Technology	
201000136 Public Health Psychology (5 EC)	202200074 Health Promotion (5 EC)
201200121 Behavioural Medicine (5 EC)	202200076 Coping with Disease in a Digital Era (5 EC)

6. Other topics

6.1. (Binding) recommendation on continuation of studies

In the pre-master Psychology programme several rules, as a Binding Recommendation (Bindend Studieadvies), are applicable. In case of a negative binding recommendation (i.e., 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 enrol 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 examination / written test / assignment up to a maximum of two times. Students who, after the second examination / test 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-examination attempt (at the beginning of the second block/quartile) is offered. When this early retake 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' test 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. Taking part in the resit of one of the components is possible only under specific conditions, e.g. in case of severe circumstances, it is necessary to contact the study adviser for consultation.

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.

6.2. Graduation with distinction

Distinction/'Cum Laude'

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.
 3. 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;
 4. no study unit was redone;
 5. no examinations have a grade of less than a 7.0;
 6. the final project is graded with a rounded 8.0 or more;
 7. the grade of the internship (work placement) is graded with a rounded 8.0 or more;
 8. 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.