

# MASTER OF SCIENCE PSYCHOLOGY

UNIVERSITY OF TWENTE.





# MASTER'S IN PSYCHOLOGY

Are you eager to deepen your understanding of human behaviour, while gaining the practical skills to create and design effective solutions? Do you see yourself using your psychological expertise to solve real-world, contemporary issues, in fields as diverse as industry, education, health, technology, and safety? Are you looking for a solid master's programme that combines the academic rigor of classical psychology with a practical, 21st-century approach that will make you a future-proof psychologist? If so, then the University of Twente's Master's in Psychology is the right choice for you. You can **start in September or February**.

## FOCUS AND DISCIPLINES

In the Master's in Psychology you will examine and understand human behaviour, providing you with insight into current psychological theories. If we are able to understand behaviour and thus explain and predict it, then we can use this knowledge to accomplish positive behavioural and environmental change. These kinds of interventions play an important role in the healthcare sector, and in business, education and advertising.

## MASTER'S SPECIALISATIONS

You can choose from the following specialisations:

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

## PROGRAMME STRUCTURE

The Master's in Psychology at the University of Twente offers five different specialisations and leads to the title of Master of Science (MSc). During the programme, you will take courses in your specialisation, perhaps go on an internship, and write your master's thesis. Your thesis will be based on a research project that you will conduct in your area of specialisation. You might take part in an internal research project at the University of Twente or engage in research for an external client.

## FULL-TIME

The (pre-)master's programme is offered on a full-time basis, with a study load of about 40 hours per week. We do not offer evening or weekend courses.



## QUICK FACTS

Starting date	<b>September or February</b>
Degree	<b>Master of Science</b>
Language	<b>English</b>
Duration	<b>1 year, 60 credits</b>
Website	<b><a href="https://utwente.nl/go/mps">utwente.nl/go/mps</a></b>

## WHY THIS PROGRAMME?

- Study psychology in the context of technological change
- Gain a base of theoretical knowledge and a wealth of applied skills
- Specialise and become the psychologist you want to be
- Develop an international, intercultural, and interdisciplinary view of your field
- Develop '21st-century skills' in a small-scale educational environment at a cool campus
- Graduate with an excellent range of job perspectives



# HUMAN FACTORS & ENGINEERING PSYCHOLOGY

In a world of increasingly rapid technological innovation, we need individuals who understand how people interact with technology. How can we ensure that smartphones, cars and robots are user-friendly and safe?

## ABOUT HUMAN FACTORS & ENGINEERING PSYCHOLOGY

In this specialisation, you will start answering these questions and develop solutions. This track is chosen by students with an interest in both the human psyche and modern technology. At the UT, we believe that technical systems must always serve people, not vice versa. You will not build technical systems, but you will develop guidelines for systems using theories from cognitive psychology. So, you might analyse how insight into human cognitive limitations help optimising factories, commercial websites, and transport vehicles. This track will give you vital insight into technology and its integration into society, making you a valuable asset for any forward-thinking company.

## AFTER YOUR MASTER'S

As a graduate of Human Factors & Engineering, you will be just as comfortable in the business world as in research. Just think of the different industries in which human factors play a crucial role: from the automotive, technological and medical industries, to consultancy. As an expert in this field, you could work as part of an interdisciplinary team, linking the design team to the user during production. You could also work in a large international company as a usability expert, or as a researcher at a university.

A recent graduate, Joyce Leussink, works as a User Experience (UX) Consultant for Advise, an Internet marketing agency. As a consultant, Joyce prepares user tests, analyses them, and presents them to the customer. She also conducts reviews and develops interaction designs, intending to perfect user experience. This is only one of the many possible career paths you can choose after taking Human Factors & Engineering.

More information: [www.utwente.nl/go/mps](http://www.utwente.nl/go/mps)

***“ENGINEERS ARE THE ONES WHO INVENT AND CREATE NEW TECHNOLOGIES, WHEREAS HUMAN FACTORS SPECIALISTS TAKE CARE THAT TECHNOLOGY DESIGN IS APPROPRIATE FOR HUMAN BEINGS. THIS IS WHAT WE CALL THE ANTI-PROCRUSTES PRINCIPLE – AND PSYCHOLOGISTS HAVE JUST THE RIGHT SKILLS FOR THE JOB.”***



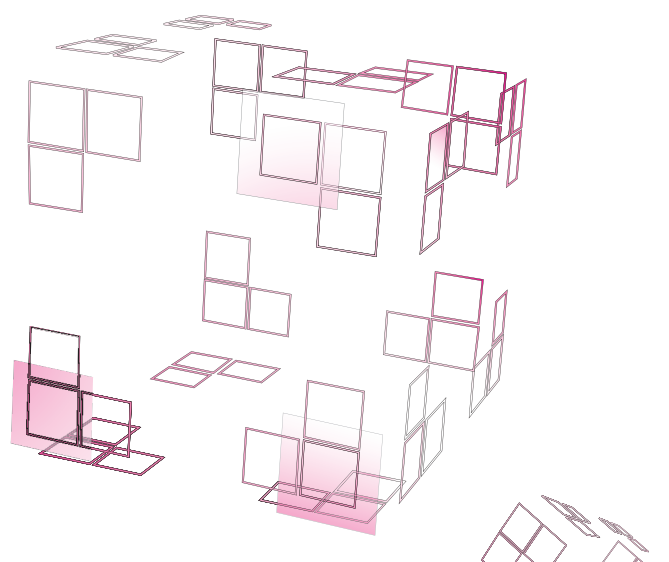
## PROGRAMME STRUCTURE

This specialisation 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. In case of an internship, you have to conduct a master's thesis of 25EC. If you do not do an internship, you have to do a master's thesis of 35EC.

Semester 1		Semester 2	
Quartile 1A	Quartile 1B	Quartile 2A	Quartile 2B
Resilience Engineering 5EC 201300034	Advanced Research Methods for HFE 5EC 201600162	Human Computer Interaction 5EC 201100126	
Cognition and Technical Systems* 5EC 201900040/41	Master's Thesis and (if applicable) Internship (35 EC)		
Elective Course** 5EC			

\* In Quartile 1A this course is specified at the domain of Intelligent systems. In Quartile 2A the course is about Traffic psychology.

\*\* Choosing one out of three courses: Learning and Instruction, Risk and Leadership in Societal and Technological contexts, Design of Persuasive Health Technology





## CONFLICT, RISK & SAFETY

Questions of conflict, risk, and safety are everywhere in the modern world. Why do people display criminal behaviour, like cybercrime? Why do civilians fail to accurately estimate the risk of flooding, fire, or disease? How can we effectively resolve workplace conflicts?

### WHAT IS CONFLICT, RISK & SAFETY

This specialisation focuses on threats to citizens' physical, psychological, and social safety. Combining theoretical knowledge with practical application, with an emphasis on new technologies, the programme is organised around three key themes: conflict and crisis management, risk perception and communication, and explaining and dealing with risky, antisocial, and criminal behaviour. You will develop a solid foundation in social psychology, while also embracing clinical, cognitive, and organisational psychologies. You will also learn how to design hands-on, contemporary interventions and advise agencies on assessing risks within their companies. All in all, this specialisation will teach you all you need to know about managing conflict, risk, and safety in the 21st-century.

### AFTER YOUR MASTER'S

Many opportunities will await you after graduating with this specialisation. In fact, your knowledge and skills will be useful almost anywhere, as conflict, risk, and safety, are pivotal factors in all areas of life. You could work as a behavioural scientist with the police or the Ministry of Defence or Justice, or as a trainer, mediator, security researcher, or consultant.

More information: [www.utwente.nl/go/mps](http://www.utwente.nl/go/mps)

***“THE PSYCHOLOGY PROGRAMME AT THE UNIVERSITY OF TWENTE IS UNIQUE AS IT COMBINES CLASSIC PSYCHOLOGY WITH A HANDS-ON 21ST-CENTURY APPROACH. WE ARE THE ONLY UNIVERSITY AT WHICH YOU CAN STUDY PSYCHOLOGY WITH THE ADDED DIMENSION OF A STRONG FOCUS ON TECHNOLOGY. AS A UT PSYCHOLOGIST, YOU LEARN HOW TO DESIGN SOLUTIONS FOR PSYCHOLOGICAL CHALLENGES AND HOW TO MAKE USE OF NEW TECHNOLOGIES.”***

Mariëlle Stel (Programme director)

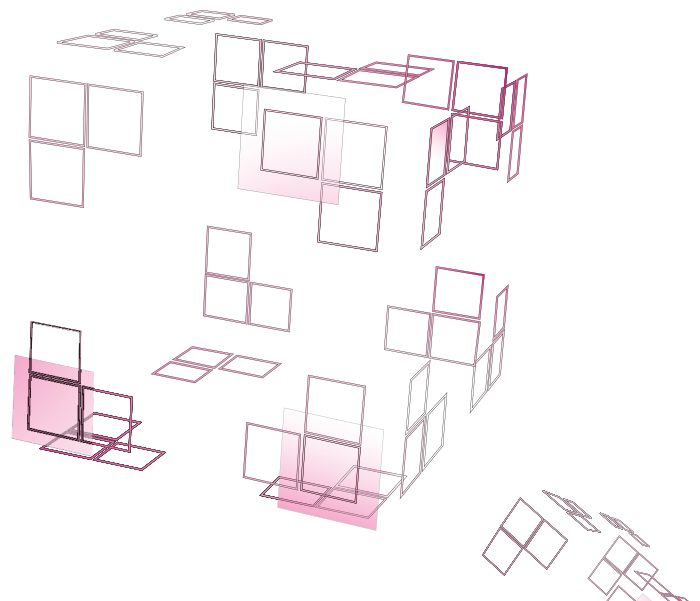


## PROGRAMME STRUCTURE

This mastertrack 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.

Semester 1		Semester 2	
Quartile 1A	Quartile 1B	Quartile 2A	Quartile 2B
Group Dynamics and Interventions 5EC 201100014	Advanced Research Methods for CRS 5EC 201600161	Psychology and Crime 5EC 201400580	
Risk and Leadership in Societal Technological Contexts 5EC 201400581	Master's Thesis and (if applicable) Internship (35 EC)		
Elective Course* 5EC			

\* Choosing one out of three courses: Learning and Instruction, Cognition and Technical Systems, Design of Persuasive Health Technology



# HEALTH PSYCHOLOGY & TECHNOLOGY

New technologies will inevitably change the ways in which we approach healthcare. Can we promote healthier lifestyles through social media or smart apps?

## ABOUT HEALTH PSYCHOLOGY & TECHNOLOGY

By studying how our minds, our health, and technology all interact, you will learn to answer these questions. In this dynamic and fast-moving field of study, you will use psychological principles, integrate them with the perspective of stakeholders develop interventions or policy, or conduct research that really matters. The UT is at the cutting edge of technological innovations in the health sector, and in the Health Psychology & Technology specialisation, you will study how next generation, persuasive, technologies can be applied for improving (mental) health, adaptation to disease or health care. You will gain the skills you need to be a Health Psychology professional in today's digitalised world of digital society. With the interdisciplinary abilities and the practical proficiency gained, you will build up a strong portfolio to present to employers when you graduate.

## AFTER YOUR MASTER'S

Within this specialisation, there are numerous options open to you. As the importance of public health initiatives continues to grow, your ability to link psychology and healthcare is invaluable. You can play a coordinating and initiating role in purchasing, (re)designing, implementing and evaluating health-promoting interventions for the public, patients and caregivers. With your academic skills, you can excel in research, or make a difference as a policy officer for national health institutes.

More information: [www.utwente.nl/go/mps](http://www.utwente.nl/go/mps)

***“WITH A BACKGROUND AS MASTER'S IN HEALTH PSYCHOLOGY & TECHNOLOGY, YOU CAN WORK IN MANY DIFFERENT PLACES. BECAUSE OF THE MANY SUBJECTS THAT HIGHLIGHT THE DIFFERENT THEMES WITHIN HEALTH PSYCHOLOGY, IT WAS POSSIBLE TO GET A GOOD IMPRESSION OF POTENTIAL FIELDS OF WORK. THAT GIVES A LOT OF SUPPORT WHEN LOOKING FOR AND FINDING A JOB”***

Juliane Menting (alumna)





## PROGRAMME STRUCTURE

This specialisation 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.

Semester 1		Semester 2	
Quartile 1A	Quartile 1B	Quartile 2A	Quartile 2B
Elective Course* 5EC			

\* Choosing one out of three courses: Learning and Instruction, Cognition and Technical Systems, Risk and Leadership in Societal and Technological Contexts

**JESPER BRONS, AN ALUMNUS OF HEALTH PSYCHOLOGY & TECHNOLOGY, WORKS AS A PROJECT MANAGER AND CONSULTANT AT VIR E-CARE SOLUTIONS, A COMPANY THAT DEVELOPS SOFTWARE TO SUPPORT MULTIDISCIPLINARY HEALTH CARE. JESPER IS INVOLVED IN THE DEPLOYMENT OF CARE ADMINISTRATIVE APPLICATIONS. HE ALSO HAS AN ADVISORY ROLE. THE EXPERTISE HE GAINED FROM THIS STUDY PROGRAMME IS A VITAL ASSET TO THE COMPANY.**

# LEARNING SCIENCES

People learn throughout their lives: individually, with others, at school or university, at work, and beyond. With new technologies that change all aspects of life, we are constantly looking at how to improve the educational process, pursuing a streamlined 21st-century way of (lifelong) learning.

## ABOUT LEARNING SCIENCES

With this specialisation, you will be equipped to optimise and redesign instructional materials for various objectives, diverse audiences, and different contexts. This specialisation, offered by our Department of Instructional Technology (IST), is one-of-a-kind in the Netherlands: it is the only programme that connects psychological insights on learning with guidelines for the instructional design of lessons, courses, learning arrangements and environments, while giving technology a central place. This course will teach you to conduct problem analyses, design prototypes, and evaluate designs. After graduating, you will have numerous options open to you as a 21st-century Learning Sciences psychologist.

## AFTER YOUR MASTER'S

In the master's specialisation Learning Sciences, you are taught how to research learning processes in different contexts and when to propose necessary instruction solutions. With this knowledge, you can advise on the improvement of learning processes and learning outcomes. With your knowledge of instruction methods, you can work on developing learning arrangements, with or without ICT, in the profit or non-profit sector.

Many of our graduates find jobs in the so-called care structure of education. This includes training, consultancy and development companies (Bright Alley, Eluxis), test development and test administration (A-Vision, Dexlex, Cito) and organisations that support education (SLO, KPC group, TechYourFuture). A smaller percentage of our alumni choose jobs in research or become teachers at a university of applied science.

More information: [www.utwente.nl/go/mps](http://www.utwente.nl/go/mps)

***“I REALLY ENJOYED THE MASTER PROGRAMME BECAUSE IT GAVE ME THE OPPORTUNITY TO FOCUS ON MY OWN INTERESTS WITHIN THE FIELD OF EDUCATION. IT PROVIDED ME WITH THE BASIS I NEEDED TO BE ABLE TO MAKE MY CHOICES WITHIN THIS FIELD AND IT ADDED TO MY COMPREHENSION OF WHAT DIFFERENT LEARNERS NEED TO GET AHEAD IN LIFE AND LEARNING SITUATIONS.”***

Alieke van Dijk (teacher Psychology)

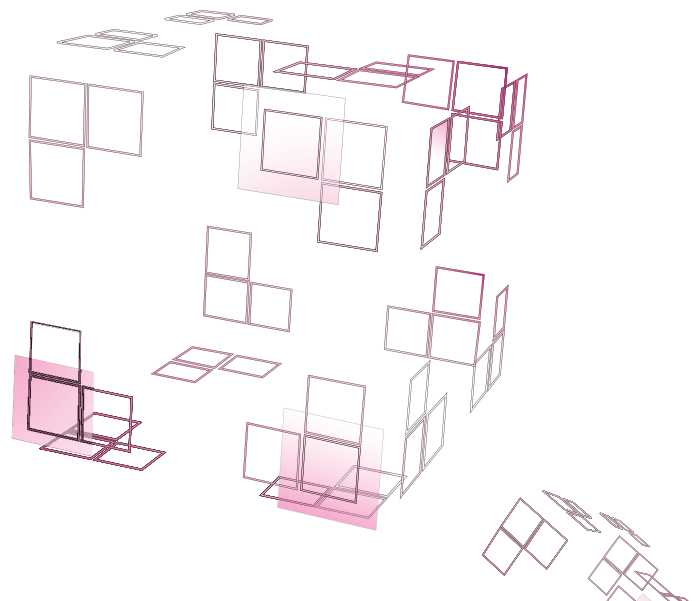


## PROGRAMME STRUCTURE

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Semester 1		Semester 2	
Quartile 1A	Quartile 1B	Quartile 2A	Quartile 2B
Positive Education 5EC 202000005	Adaptivity in Learning and Instruction 5EC 201600164	Innovative Technology-Based Learning Environments 5EC 201400002	
Learning and Instruction 5EC 192914040	Master's Thesis and (if applicable) Internship (35 EC)		
Elective Course* 5EC			

\* Choosing one out of four courses: Risk and Leadership in Societal and Technological Contexts, Design of Persuasive Health Technology, Cognition and Technical Systems, Designing Learning & Performance Support.





# POSITIVE CLINICAL PSYCHOLOGY & TECHNOLOGY

From studies on the effects of Social Media to rising rates of anxiety and depression, it is clear that the promotion of positive mental health and wellbeing is a vital need in our modern world.

## ABOUT POSITIVE CLINICAL PSYCHOLOGY & TECHNOLOGY

In this specialisation, you will develop the clinical skills necessary to understand and treat psychological disorders. With an emphasis on the practical, you will learn how to set a clinical diagnosis and write a treatment plan. You will gain proficiency in different conversation techniques, and in the use of Cognitive Behavioural Therapy in treating clients. In this course, we offer two unique emphases: Positive Psychology & Technology. At the UT, we believe that positive mental health will make people more resilient and productive, lowering the risk of psychological disorders. We also understand the centrality of technology in mental healthcare, and the necessity of understanding its advantages and pitfalls, and potential applications in a clinical setting. Overall, you will become a strong 'scientist-practitioner' – a people-oriented, tech-savvy psychologist, able to help many of those in need.

## AFTER YOUR MASTER'S

With the clinical knowledge and skills you acquire in this track, you will have a wide range of career options to choose from in clinical psychology. Following graduation, you will meet the (theoretical) requirements for the training to become a qualified Healthcare Psychologist ('GZ opleiding' in Dutch). You can start as a psychologist in mental healthcare, a hospital, or a forensic institute. There are numerous other paths to take, such as working as a counselor, advisor, or coach.

More information: [www.utwente.nl/go/mps](http://www.utwente.nl/go/mps)

**FOR THE ACADEMIC YEAR 2022-2023 THERE WILL BE A SELECTION PROCEDURE FOR THIS SPECIALISATION IN CASE THE NUMBER OF APPLICANTS EXCEEDS THE AVAILABLE SPOTS. INFORMATION WILL BE POSTED ON THE WEBSITE: [UTWENTE.NL/GO/MPs](http://UTWENTE.NL/GO/MPs)**

## THE CENTRE FOR EHEALTH AND WELLBEING RESEARCH

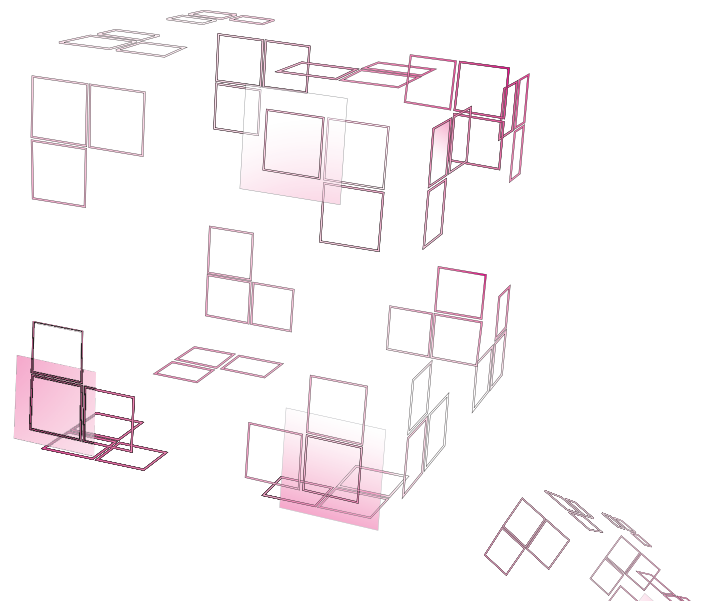
The Centre for eHealth and Wellbeing Research is a leading research centre for personalised health care. The centre creates synergy in health & wellbeing research through the combination of four research labs: Positive (Clinical) Psychology & Technology, Story Lab, Persuasive Health Technology, Self-Management and Health Assessment Lab. These labs capture the available scientific expertise within the department of Psychology, Health and Technology to meet interdisciplinary challenges in research and education.

With our master track we prepare people to fulfil an important role in healthcare/psychology. With their research, the use of technology in healthcare can be further optimised.

# PROGRAMME STRUCTURE

The first semester consists of 30EC courses. The second semester of the programme includes a master's thesis and (if applicable/possible) a (clinical) internship.

Semester 1		Semester 2	
Quartile 1A	Quartile 1B	Quartile 2A	Quartile 2B
Positive Clinical Psychology 7,5EC 201800111	Positive Behavioural Therapy 7,5EC 201800110	Internship PCPT <sup>1</sup>	
Compassionate Technology in Mental Health Care 7,5EC 201800109	Advanced Research Methods for Psychology, Health and Technology 5EC 201600163 Personal Reflection & Development 2,5EC 201800112		





## ADMISSION REQUIREMENTS

Applicants for the master's programme should have an academic Bachelor of Science in the field of Psychology or equivalent.

### ADDITIONAL REQUIREMENTS:

International students: English-language test results. 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). For the minimum CPGA of your country, please visit our master's website: [utwente.nl/go/master/country-list](https://utwente.nl/go/master/country-list)

### DUTCH UNIVERSITY OF APPLIED SCIENCES:

If your bachelor degree is related to (our specialisations in) Psychology, you can enroll in the pre-master's programme of 45 credits.

For more specific admission requirements, please visit our website: [utwente.nl/go/mps](https://utwente.nl/go/mps)



## ELIGIBILITY CHECK

Our eligibility check is designed to assist you as a student holding a non-Dutch diploma. It gives you an indication of your eligibility to be admitted to the Master's in Psychology. The check will take about five minutes to complete. Please note that this is not part of the official admission procedure. No rights can be obtained from the outcome of the eligibility check.

Check your eligibility: [utwente.nl/go/mps/eligibility-check](https://utwente.nl/go/mps/eligibility-check)