

## Core Modules

1. Interdisciplinary Study of Development
2. Individual Differences
3. Research Methods
4. Behavioural Genetics
5. Data Analysis
6. Neuroscience and Cognitive Science
7. Academic Writing, Publishing and Presenting
8. Experimental Psychology
9. Ethical, Legal and Societal Issues in Research

## Options (students will choose 3 out of 6 options)

1. Child Development Programmes
2. Cognitive Technologies
3. Bioinformatics
4. Mental Lexicon
5. Aetiology of Developmental Problems and Psychological Counseling
6. Linguistics in the System of Natural Science

## Dissertation/report

Students can conduct research as part of on-going large scale international projects or generate their own datasets for their research projects.

## Teaching and Learning

The programme is taught through lectures, seminars and workshops delivered by experts in the relevant fields. Assessment is through written and oral examination, coursework, presentations, research project, dissertation. Students may carry out the research project remotely supervised by our specialists.

## Top career destinations for this degree:

- PhD (Aspirantura) in any of the programme disciplines or interdisciplinary research
- Educational practice, administration and policy making
- Science communication
- Industry (employment, diagnostics, training, data analysis etc.)
- Cognitive and neuro-technologies

## Employability

Students on this programme are immersed in a world-class international interdisciplinary scientific environment, taught by leading experts in the fields. The programme is relevant for educationalists, clinicians and policymakers – equipping them with sound understanding of cutting edge knowledge about human development. The programme is also relevant for researchers – equipping them with theoretical understanding and methodology for interdisciplinary research into human development.

## For more information contact us:

MSc Programme Manager

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National Research

**Tomsk  
State  
University**



# MSc Human Development: Genetics, Neuroscience and Psychology

The International Centre  
for Research in Human  
Development (ICRHD)



This MSc provides a solid foundation for research and practice aimed at improving human development. The programme integrates genetics, neuroscience and psychology to provide a comprehensive understanding of development across the life-span. Students will benefit from active international research environment and excellent infrastructure of the International Centre for Research in Human Development. Graduates of the programme can pursue careers in science or apply their knowledge and skills in professional practice.

## KEY INFORMATION



### Modes and duration

- Full-time: 2 years by our Virtual Learning Environment
- Campus based (intensive 3-week study/assessment sessions in September, December, February and June in Year 1 & September, December & February in Year 2) + Distance learning elements, supported
- Compulsory and Elective Modules
- Individual study trajectories through interest-based electives, specialization and research projects

### Different Tracks:

- General
- Early Child Development
- Genetics, Bioinformatics and Neuroscience
- Personalised Education: Diagnostics, Prevention, Correction, Talent and Creativity Fostering.

**Programme start date:** September 2021

**Programme language:** English

**Tuition Fees (2021/22)**

**Home and Overseas Students:**

236 100 RUB per year / 3 242.24 \$ per year

Competitive Studentships (budget places) are available.

➔ For excellent performance in the entry examination and in the course assessments students may qualify for reduced fees. Further information is available at <http://icrhd.tsu.ru/>

The International Centre for Research in Human Development may offer opportunities to complete short and longer term visits at our partner laboratories and Universities. Research opportunities are also available at “Sirius” Educational Centre (Talent and Success Foundation) in Sochi.

**Subject Area:** Interdisciplinary

**Faculty:** Psychology

**Qualification:** MSc in Psychology



**Application dates**

**Home Students Open:** 11 January 2021  
**Close:** 07 August 2021

**Overseas Students Open:** 11 January 2021  
**Close:** 24 August 2021

### Entry Requirements

Bachelor’s (BSc)/ Specialitet degree in an appropriate discipline or an overseas qualification in a relevant subject. Students with other qualifications may also be admitted if they possess relevant experience in a field related to any of the programme disciplines.

### English Language Requirements

If your education has not been conducted in the English language, you will be expected to demonstrate evidence of an adequate level of English proficiency.

**Entrance examination:** interview + exam in Psychology (material will be provided to the applicants).

**Programme Director:** Yulia Kovas, Professor of Genetics and Psychology

- Director of the International Laboratory for Interdisciplinary Investigations into Individual Differences in Learning (InLab), Goldsmiths, University of London (UK);
- Director of the Laboratory for Cognitive Investigations and Behavioural Genetics at Tomsk State University;
- Co-director of the International Centre for Research in Human Development at Tomsk State University (Russia).



## Degree Information

Students will develop a foundational knowledge of all aspects of human development, including biological foundations of individual differences, gene-environment processes, brain mechanisms, cognitive and other psychological processes.

Students will acquire the principles and main aspects of data acquisition and analyses, and gain a good working knowledge of modern methods for scientific investigation of human development. The design of the course aims to maximise students’ transferable skills, including the training in publishing in leading academic journals, presenting at international conferences, and translating research to practice.

Our international research partners from world leading universities include: Goldsmiths, University of London; King’s College London; University of Sussex, Ohio State University, Laval University,

Psychological Institute of the Russian Academy of Education and other.

The ICRHD is also a member of multiple consortia and networks, including Twin Registries, TAGC (The Accessible Genetics Consortium), INRiCHD (International Network for Research in Child Health and Development). Together with our partners, we promote research that is of direct relevance for clinical, educational, training and other types of practice – towards improving human development. With leading reputation, excellent infrastructure and extensive international links, TSU is a great place to be a student.