
Magister biopsihologije/magistrica biopsihologije

Selected qualifications

Name of qualification	Magister biopsihologije/magistrica biopsihologije
Translated title (no legal status)	Master of Science in biopsychology
Type of qualification	Diploma druge stopnje
Category of qualification	Izobrazba
Type of education	Master's education
Duration	2 years
Credits	120 credits

Admission requirements

- A completed first-cycle (bachelor's) programme in Biopsychology or Psychology consisting of at least 180 credits; or
- an academic bachelor's degree from the previous single-subject programme in Psychology (adopted before 11 June 2004); or
- a completed first-cycle (bachelor's) programme or academic bachelor's degree from a previous programme (adopted before 11 June 2004) in another field, if prior to enrolment the candidate has completed course units essential for further study consisting of 10–60 credits.

ISCED field

Field
Naravoslovje, matematika in statistika

ISCED subfield

subfield interdisciplinarne izobraževalne aktivnosti/izidi, pretežno naravoslovje, matematika in statistika

Qualification level

SQF 8
EQF 7
Second level

Learning outcomes

The qualification holder will be able to:

(general competences)

- undertake continuous professional training and self-reflection,
- integrate scientific and professional knowledge with related scientific disciplines,
- think in an abstract and critical manner, formulate theoretical concepts and transfer them into practice,
- focus on interdisciplinary research,
- develop and evaluate interventions directed towards the individual, a group or society,
- apply acquired knowledge in practical situations,
- apply acquired knowledge and skills in research and professional work,
- develop a personal professional strategy to address problems,
- adopt a problem-based approach to various problems,
- seek out and select relevant literature,
- seek out and select, adapt or develop methods, techniques and instruments,
- produce written products: situation analyses, intervention plans and research reports,
- present research findings,
- communicate,
- ensure ongoing professional development,
- evaluate own knowledge of the material studied in terms of realisation of the objectives set,
- develop ethical responsibility in the field of providing advice to individuals and groups,
- identify needs for and define the aims of biopsychological treatment,
- analyse, define and evaluate significant characteristics of individuals and groups,
- develop appropriate interventions on the basis of theory,

- prepare and implement interventions,
- evaluate implemented interventions in practice and formulate recommendations on this basis,
- demonstrate understanding of ethics,

(subject-specific competences)

- demonstrate knowledge of various quantitative and qualitative research plans and data collection methods,
- demonstrate understanding of the purpose and application of research methods in the natural sciences and social sciences, with an emphasis on neuroscience, psychological science, ethology, genetics and behavioural genetics,
- make interdisciplinary connections between scientific disciplines (psychology, mental health, psycho- and socio-pathology, neuroscience, etc.),
- demonstrate understanding of theory on the basis of examples of application,
- transfer methodological knowledge and autonomous application in research,
- analyse and compare different research plans and methods with reference to a research problem,
- creatively plan research and combine research methods,
- demonstrate awareness of the limitations of research methods and ethical dilemmas and reflect critically on biopsychological research,
- demonstrate in-depth knowledge of basic (univariate and bivariate descriptive and inferential) statistics and knowledge of more complex multivariate statistics,
- demonstrate understanding of the purpose and application of individual techniques of multivariate statistical analysis,
- autonomously carry out (multivariate) statistical analysis using a widely used statistical analysis software package,
- compare different techniques of multivariate analysis and select the most suitable for a specific research problem,
- demonstrate understanding of the practical importance of the relationship between the influence of genetics and environment on behaviour patterns,
- demonstrate knowledge and understanding of the techniques and strategies used to determine the genetic basis of behaviour patterns in people and animals,
- define certain behavioural disorders and diseases and attribute them to the activity of a specific gene or set of genes, while at the same time determining the environmental influence,
- demonstrate understanding of the transfer of genetic information in the case of diseases and disorders, in order to interpret resulting behavioural responses,
- demonstrate knowledge and understanding of the causes and development of disorders of the central nervous system,
- demonstrate understanding of basic methods of treatment and research in the field of the study of central nervous system disease,
- demonstrate mastery of the knowledge and skills necessary for the diagnostic assessment of the central nervous system and detection of disorders via biological indicators,
- demonstrate understanding of the fundamental theoretical models in clinical psychology,
- demonstrate knowledge of and differentiate between the basic characteristics of various mental disorders,
- demonstrate practical understanding of ethical principles in clinical psychology and the broader field of psychology,
- demonstrate empathetic understanding, listening skills and the ability to conduct a psychological interview,
- demonstrate knowledge of the fundamental models of psychological counselling,
- demonstrate knowledge of various types of interviews with an emphasis on the psychological interview,
- demonstrate understanding of and critically analyse the performance of an interview in the context of the client's needs and the purposes of treatment,
- define interview goals and criteria for evaluating the performance of the interview with regard to

these goals,

- plan activities and interventions on the basis of information obtained in the interview,
- establish a counselling relationship and define goals,
- apply the fundamental skills of psychological counselling,
- evaluate the suitability of planned interventions (planning, measurement and analysis, applicability, reliability),
- critically assess and analyse scientific and professional findings in the field of health psychology,
- use theoretical findings and carry out interventions in an applied environment/in the field,
- plan therapeutic activities and interventions,
- demonstrate critical understanding of the views of different approaches to performing interventions to help individuals and groups,
- integrate theoretical knowledge acquired during studies with practical knowledge in the working environment,
- cooperate with professional colleagues in an actual working environment.

Assessment and completion

Examination performance is graded as follows: 10 (excellent); 9 (very good: above-average knowledge but with some mistakes); 8 (very good: solid results); 7 (good); 6 (adequate: knowledge satisfies minimum criteria); 5-1 (inadequate). In order to pass an examination, a candidate must achieve a grade between adequate (6) and excellent (10).

Progression

Students may progress to the next year if they have completed at least 48 credits from the year in which they are enrolled.

Transitions

Third-cycle doctoral study programmes (SQF level 10)

Condition for obtaining certificate

In order to complete the programme, students must complete all course units and defend a master's thesis.

Awarding body

University of Primorska, Faculty of Mathematics, Natural Sciences and Information Technologies

URL

<http://www.famnit.upr.si/en>
