

## **APPLIED PSYCHOLOGY, MASTER STUDY PROGRAMME, SECOND BOLOGNA CYCLE**

### **COURSE DESCRIPTIONS**

#### **COMPULSORY COURSES**

Course name: **PERSONNEL PSYCHOLOGY**

Number of ECTS credits: **6**

##### **Content:**

Course includes basic chapters of personnel psychology, especially contents that describe the relationship between persons and the organisation, in particular the establishment of the relationship, its development, and termination.

I. Orientation:

- personnel psychology: research subjects and methods, professional field, roles and working methods, work ethics.

II. HRM function in organisations: description of work and roles.

III. Areas of individual differences relevant to personnel psychology, techniques and methods of assessment and diagnosis.

IV. Personnel selection and employment: principles, models, techniques, selection process, national legislation.

V. Careers: theories, career decisions, career diagnostic, career planning and career management from individual development and organisational perspective.

VI. Education and training of employees: theories, practical considerations, need analysis on the level of individual, group and organisation, knowledge management.

VII. Competences and competence management.

VIII. Personnel appraisal and feedback.

IX. Motivating employees: theories, job characteristics, work context characteristics, employees' commitment, person-organisation fit, instruments for assessing motivation, reward and pay system (analysis, development, evaluation of the system).

X. Job loss and the experience of unemployment: research and perspectives.

Course name: **CLINICAL PSYCHOLOGY**

Number of ECTS credits: **6**

##### **Content:**

- Definition of clinical psychology.
- Historical development of clinical psychology.
- Theoretical models in clinical psychology (psychoanalytic, cognitive-behavioral, humanistic-existential, systemic, integrative).
- Clinical psychodiagnostics.
- Phases of diagnostic process.
- Anamnesis.
- Psychological tests in clinical psychology.
- Projective techniques and self-descriptive techniques.

- Psychological report.
- Diagnostical classifications and psychopathology.
- Clinical assessment of cognitive abilities.
- Clinical assessment of personality, interpersonal relationships and emotions.
- Research in clinical psychology.
- Clinical-psychological counselling and psychotherapy.
- Specifics of working with children and adolescents.
- Specifics of working with people with special needs.
- Ethics in clinical psychology.

Course name: **RESEARCH DESIGN AND STATISTICAL DATA ANALYSIS**

Number of ECTS credits: **6**

**Content:**

- Types of studies in psychology
- Effect size and sample size determination
- Multiple linear regression
- Analysis of variance
- Principal component analysis and canonical correlation analysis
- Cluster analysis
- Statistical analysis using a computer program
- Data visualization and presentation of results from data analysis
- Case studies from psychological research using statistical advanced methods

Course name: **ORGANISATIONAL PSYCHOLOGY**

Number of ECTS credits: **3**

**Content:**

Course includes basic chapters of organisational psychology, especially contents that describe and explain individual and collective behaviour in relation to the shaping and functioning of the organisation as a sociotechnical system.

I. Organisation defined

II. Theories of organisation.

III. Organisational structure and processes: components, analysis, design, and redesign, interrelation with organisational strategy.

IV. Interorganisational networks and influences: business context, national legislation and institutions, national culture, cross-cultural networks and (co)operations.

V. Leadership and power in organisations: theories, models, cross-cultural leadership, analysis and interventions.

VI. Teams and groups: definition, structure, processes, effectiveness, team building.

VII. Communication within the organisation: process, elements, communication analysis, planning and implementing interventions.

VIII. Decision-making in organisations: process, phases, context, rationality, leadership decision-making, decision-making tools.

IX. Organisational climate and culture: definitions, schools of thought, theories, approaches to research and analysis, dimensions, questionnaires, planning in implementing intervention plans.

X. Organisational development and change: planned changes, determinants and influences (facilitators, inhibitors), planning and assessing organisational change.

Course name: **EDUCATIONAL PSYCHOLOGY**

Number of ECTS credits: **6**

**Content:**

- Definition of educational psychology, research methods and techniques in educational psychology.
- Behaviourist, cognitive, social cognitive, and constructivist views of learning, different types of learning (psychomotor, verbal, learning principles and laws, learning as problem solving).
- Neurophysiological basis of learning.
- Cognitive factors of learning: definitions, measures and role of intelligence, creativity, attention, memory, transfer.
- Learning motivation: needs and goals, internal and external motivation, theory of attribution, supporting optimal learning motivation. Emotional and personality factors of learning and teaching: effects of different emotions of learning, emotional regulation; the role of learners' and teachers' personality dimensions; stress in students and teachers; self-concept.
- Criteria and factors of learning successfulness, successful / less successful / unsuccessful students.
- Special needs learners: categories of special needs students, specific learning problems, gifted students.

Course name: **PSYCHOLOGICAL VIEWS OF GROUP WORK**

Number of ECTS credits: **6**

**Content:**

- Definition of the group and group work; definition of group dynamics; styles of group leading; basic psychological processes in group.
- Basic psychological knowledge regarding long term group work.
- Phases of group development.
- Basic knowledge of leading a group session (introduction, motivating members for participation, observation, interpretation and other interventions of the group as a whole or each member, facilitation of group process, closing the group, getting feedback).
- Working with groups in different areas of psychology.
- Leading different forms of groups (group psychotherapy, educational groups, workshops...)
- Psychological methodological accessories for working with small groups.
- Psychological methods and accessories for leaders of the group and society work (supervision, intervision, self-help...).
- Group and society - differences and similarities.
- Psychology and dynamics of society from the lenses of group dynamics.

Course name: **PSYCHOTHERAPEUTIC APPROACHES AND PSYCHOTHERAPY**

Number of ECTS credits: **6**

**Content:**

- In-depth overview of the theoretical framework and basic concepts of different psychotherapeutic approaches.
- Overview of the historical background of different psychotherapeutic approaches and psychotherapy.
- Definition and learning of various psychotherapeutic methods and technics.

- Learning characteristics of therapeutic relationship, communication and the context of therapeutic treatment.
- Overview of ethical questions in the field of psychological counselling and psychotherapy.

Course name: **SCHOOL PSYCHOLOGY**

Number of ECTS credits: **3**

**Content:**

- Work field of school psychologists.
- Recognition of school problem situations and dealing with them, counselling, communication with parents, teachers and students
- Team work: characteristics, benefits and possible problems, encouraging team work in educational setting.
- Teaching social skills, conflict solving, mediation.
- Classroom management: goals, techniques, prevention of behaviour problems.
- Learning how to learn: learning strategies and tactics, teaching learning strategies. Assessing and grading knowledge: types of assessment, traditional and alternative forms of assessments, effects of grading on students.

Course name: **APPLIED SOCIAL PSYCHOLOGY**

Number of ECTS credits: **6**

**Content:**

- Introduction and explanation of distinctions between conventional and social-historical models of social psychology, exposing their different epistemological basis.
- Presentation and an in-depth overview of the field of social constructionism and critical (social) psychology, among other things, the importance of Freudian and Lacanian psychoanalysis to understand society.
- Overview of societal psychology.
- Presentation of applied social psychology aiming at changes at the social level.
- Extending the understanding of the position of social psychology within science and the problematization of it.
- Examples of applied social psychology, community psychology and other forms of engaging social-psychology in society.

Course name: **BEHAVIOURAL GENETICS**

Number of ECTS credits: **6**

**Content:**

- History and introduction; proximate and ultimate causes of behaviour.
- Behavioural biology: interplay between proximate factors (genes, nervous system and hormones), behaviour and environment; nature-nurture.
- Laws of heredity: pedigree, homozygous, heterozygous, law of segregation, principle of independent assortment, Mendelian diseases, autosomal, dominant, and recessive.
- Methods in behavioural genetics: twins, families and adoption studies, selection lines; gene knockout models; genome sequencing in model organisms.
- Single gene effects, pleiotropy and polygeny.
- Genes affect behaviour via nervous and endocrine system.

- Proximal causes of aggressive and social behaviour.
- Proximal causes of mating behaviour and parenting.
- Genes and physiological basis of personality.
- Proximal causes of gender differences in behaviour.
- Genes, abilities and disabilities: cognitive, learning, development of cognitive abilities, IQ; reading disorders, Alzheimer disease.
- Genes, nervous system and ability to control impulses: impulsive behaviour, ADHD, antisocial behaviour, criminal...
- Genes, nervous system, mental and emotional disorders: schizophrenia, manic depression, anxiety, mania...
- Evolutionary psychology
- Laboratory work: measuring behaviour, measuring stress.

Course name: **HEALTH PSYCHOLOGY**

Number of ECTS credits: **6**

**Content:**

- Definition of health, illness and health psychology
- Definition and understanding of risk and protective factors for health and public-health strategies connected with them
- Understanding of the process of becoming ill and how we perceive, interpret and respond to symptoms of illness.
- Understanding of impact of illness on the individual and their families, including the concept of quality of life.

Course name: **MASTER'S THESIS**

Number of ECTS credits: **15**

**Content:**

A comprehensive treatment of the contents of the selected subject area of the programme and/or an interdisciplinary connection to other subject areas of the same programme, or even an interdisciplinary treatment of a subject theme. Students choose a topic according to their interests and in accordance with the supervisor as well as the subject areas that a particular student wants to deal with in detail. The thesis can be research oriented or professional, i.e. oriented into professional practice. The thesis' length should comply with the Instructions for writing a Master thesis.

In research oriented theses students develop investigative methods: suitability issues, developing their work plan, setting goals and formulating hypotheses, searching for documentary and bibliographic resources, defining the structure of research, etc. and demonstrate their knowledge of and the ability to select and apply the most appropriate psychological theories. A practice-oriented, i.e. professional thesis must follow the rules and practices in use in the relevant areas of professional practice.

Course name: **ADVANCED STATISTICAL METHODS IN PSYCHOLOGY**

Number of ECTS credits: **6**

**Content:**

- Regression models and their use in psychology
- Logistic regression

- Basics of event history analysis
- Hierarchical linear models
- Analyses with missing data
- Case studies from psychological research using advanced statistical methods

Course name: **TRAINING IN THE WORKPLACE**

Number of ECTS credits: **15**

**Content:**

Training in the workplace is based on standards for supervised practice which are developed by the Slovenian Psychological Association in accordance with Europsy guidelines.

Student, according to their own interests, selects or proposes a department in the organization where they would like to get a work experience placement (public or private medical or educational institution, company ...). The content of work experience will thus depend mainly on the chosen field of work and student's activities. It is defined jointly by both student and mentor from the organization in the work experience plan, which is confirmed by a faculty coordinator.

Work experience plan includes the key elements of psychological treatment, including:

- observation of actual situations,
- use of basic biopsychological techniques under appropriate supervision;
- taking part in projects with specified tasks;
- Analysis and discussion of various biopsychological cases.

Course name: **PSYCHOLOGICAL COUNSELLING**

Number of ECTS credits: **6**

**Content:**

- Definitions of psychological counselling.
- Historical development of psychological counselling.
- Differentiation between psychological counselling and psychotherapy.
- Main models of psychological counselling.
- Developing counselling relationship and contract.
- Active listening.
- Basic methods and interventions in psychological counselling.
- Using positive resources in psychological counselling.
- Ending the counselling relationship.
- Common factors in psychological counselling.
- Counselling in various fields of psychology.
- Psychological school counseling.
- Coaching and psychological counselling.
- Foundations of supervision and mentorship.

Course name: **RESEARCH METHODS IN NEUROSCIENCE**

Number of ECTS credits: **6**

**Content:**

Theoretical basis, principles, indications, methods of application, interpretations of results of research methods in neuroscience:

- electrophysiological and related methods (EEG, EMG, EP, P300, DBS, TCMS),
- examination of autonomic nervous system
- cerebrospinal fluid examinations
- morphologic brain imaging (CT, MRI)
- functional brain imaging (fMRI)
- functional methods SPECT, PET.

## **ELECTIVE COURSES**

*(Read the short descriptions of all elective courses of the study programme. In the table Elective courses you will find the list of the elective courses which were offered in the last two years.)*

Course name: **FORENSIC PSYCHOLOGY**

Number of ECTS credits: **6**

**Content:**

- Overview of forensic psychology and psychiatry
- Distinction between forensic and therapeutic evaluation
- The role of forensic psychologist
- Forensic profiling
- Interview and questioning in the field of forensic psychology
- Expert testimony in civil and criminal procedures
- Mental health and forensic patients
- Interventions in institutions for prison administration

Course name: **PUBLIC-HEALTH INTERVENTIONS: SELECTED TOPICS**

Number of ECTS credits: **6**

**Content:**

- Definition of the model intervention – prevention – research
- Teaching on the development, implementation and analysis of public-health interventions
- Case-studies of public-health interventions, specifically in the field of suicidology.

Course name: **CLINICAL AND PSYCHOLOGICAL INTERVIEW**

Number of ECTS credits: **6**

**Content:**

- Insight in the characteristics of clinical procedure environment.

- Overview of the characteristics of therapeutic relationship between the therapist and the client.
- In-depth overview of different types of interviews in psychology and clinical practise.
- In-depth overview of clinical interview characteristics and skills for a good interview.
- Practical experiences with case studies and role playing.

Course name: **POSITIVE PSYCHOLOGY**

Number of ECTS credits: **6**

**Content:**

- Overview of the historical background and beginnings of positive psychology.
- In-depth overview of the theoretical framework and basic concepts of positive psychology.
- Overview of the research field and main surveys in positive psychology.
- Introduction to the applied positive psychology.

Course name: **MEDIA PSYCHOLOGY**

Number of ECTS credits: **3**

**Content:**

- What is media psychology.
- Psychological aspects of exposition to media-rich world.
- How media and the growing use of technology factor into how people perceive, interpret, respond, and interact in a media-rich world.
- Psychology in relation to different media technologies and their use.
- How people receive, consume, produce and distribute information across media technologies.
- Psychology of social networks.
- Use of psychology in new communications tools design.

Course name: **PSYCHOLOGY OF CONSUMER BEHAVIOR**

Number of ECTS credits: **6**

**Content:**

The course deals with the content that allow an understanding of consumer behavior in real life situations. Course deals the psychological, social and personal influences on consumer buying behavior in the everyday environment.

1. Introduction to Consumer behavior: development and definition of marketing, basic marketing concepts, consumer's definition, consumer behavioral processes, the basic theories and models, sciences who study consumer behavior, consumer research, research methods and techniques of consumer behavior.
2. Factors affecting Consumer behavior
  - Psychological factors: motivation, perception, learning and memory, attitudes
  - Sociological factors: groups, family, role and position of the individual
  - Cultural factors: the reference group, social class
  - Personal factors: age and level of family life cycle, lifestyle, personality
3. Purchase decision making process: the level of individual and group decision making process, the characteristics of the purchase situation.
4. Segmentation and positioning on consumer's market
5. Research of Consumer behavior
  - qualitative and quantitative approach



- measuring customer satisfaction

Course name: **DEVELOPMENTAL ASPECTS OF NORMATIVE DEVELOPMENT AND DEVIATIONS**

Number of ECTS credits: **6**

**Content:**

- Normative development and deviations: the pace of development, individual differences and the particularities of the development.
- Importance of genetic factors and social environment in the normative development and deviations.
- The role and importance of the developmental knowledge for work with different children, adolescents and adults.
- Getting to know and understanding the differences, learning about inclusive approach and focusing on inclusive functioning.
- Getting to know the individual groups of persons with special needs and characteristics of their development.
- Risk factors for problems in the fields of development in different stages of life.
- Relationship between success or failure, and the successful or unsuccessful outcomes in education and in life in general.

Course name: **APPLIED PSYCHOLOGY IN EXTREME CONDITIONS**

Number of ECTS credits: **3**

**Content:**

- Political behaviour and its factors; historical and current political issues (democracy, revolution, dictatorship, terrorism, genocide, electoral behaviour ...)
- Subject of military psychology; psychology of war; the importance of propaganda in the army; organizational aspects of the military; military psychologist's work
- Subject of police psychology; work with crime victims; technics of informative interview; interrogation and false confessions; recognizing deceit and lying; methods of inquiry into validity of statements - polygraph, psycholinguistics, behaviour analysis; negotiations in critical situations.

Course name: **APPLIED PSYCHOLOGY OF EVERYDAY LIFE**

Number of ECTS credits: **3**

**Content:**

- Contemporary everyday way of life and adaptation to it; the applicability of theories of personality and coping with stress in everyday life; motivation and emotions of everyday life; the importance of emotional intelligence; personal growth
- Influence of psychological factors on sports scores, physical activity; emotional self-control for optimum performance; goal setting in sport; relaxation, visualization, concentration and other techniques in sport psychology
- Relationship between psychological processes and behaviour of drivers; traffic accidents and their most important psychological factors
- Cyberspace as a new dimension of life; the impact of cyberspace on the personality and behaviour of human; the role of psychology in creating cyberspace

Course name: **COGNITIVE BEHAVIORAL THERAPY**

Number of ECTS credits: **6**

**Content:**

- In-depth overview of cognitive – behavioural theoretical concepts
- In-depth overview of cognitive – behavioural psychotherapy methods and technics
- Case studies of different therapeutic procedures according to different types of psychological problems and disorders