

**Faculty of Law**  
**Department:** Psychology  
**Professional Area:** Psychology  
**Major:** Psychology – Psychological Counselling  
**Educational-and-qualification Degree:** Master

## COURSE DESCRIPTION

1. Course unit title: Computer Systems for Psychodiagnostic
2. Course unit code: PSY 3056
3. Type of course unit: compulsory
4. Level of course unit: Master
5. Year of study: first
6. Semester: first
7. Number of ECTS credits allocated: 3
8. Name of lecturer: Prof. Valeri Stoyanov, PhD
9. Learning outcomes of the course unit: acquired knowledge, skills and competences:  
The aim of the course is to equip the Master students with the possibilities of the modern computer systems for psychodiagnostic; to be acquainted with the technology of the modern computer systems and algorithms for testing various aspects of the mental processes, mental states and personality characteristics; to analyze the obtained results through testing, with methods for evaluation of various aspects of the course of the mental processes (cognitive, emotional, volitional, the process of attention, psychomotor reactions), mental states and personality characteristics, basic properties of the nervous system, to use the potential of the computer systems for consulting career guidance and development of specific capabilities; to examine the possibilities and to use the computer systems for psychodiagnostic in specific areas such as school, transport and clinical psychology.
10. Mode of delivery: face-to-face
11. Prerequisites and co-requisites: For the study of the course, the Master Students need to have a bachelor's degree in psychology or to take an equivalency module within the Master's Programmes.
12. Course contents (annotation): The course includes topics relating to the possibilities and the application of computer systems for psychodiagnostic; the characteristics of software and hardware of the computer systems, the presentation of research results and their analysis.
13. Recommended and/ or required reading:  
С т а м е н к о в а, Н. Професионална психодиагностика. В., ВСУ, 2005.  
C a t a l o g Vienna Test System. Computerized Psychological Assessment 2007/2008  
М е т о д и ч е с к о р ъ к о в о д с т в о за работа с компютърна система Неорософт. Санг Петербург, 2008.
14. Planned learning activities and teaching methods: lectures, individual research, work placement.
15. Assessment methods and criteria: The assessment of the Master students is based on course assignments (individual or group assignments) for using a variety of methods for diagnostic of different aspects of the course of the mental processes, assessment of the personal qualities or mental conditions, diagnostic of the peculiarities of the psychomotor domain or peculiarities of the nervous system. Each student gets an assessment for their competences for their overall use of the computer system for the purposes of the psychodiagnostic – to start the methods, enter the basic data of the person subject to the medical examination, to brief and follow the procedures for the use of the methods, posed by

the lecturer and to analyze the results of testing The final assessment is the average of the assessments on each of the above-mentioned indicators for the use of at least three methods related to the study of a mental process, evaluation of a psychomotor quality and quality of the individual.

16. Language of instruction: Bulgarian.

17. Work placement: In the psychophysiologic laboratory of the university.