SYLLABUS

Discipline	**Experimental Psychology**
Lecturer	Olena Vyshnevska, PhD in Psychology, Associate Professor at the Department of Tourism, Social Sciences and Humanities
Lecturer's profile	**QR Code:**
Consultations: On-campus / online consultations	Monday from 1 p.m. to 3 p.m. Thursday from 10 a.m. to 12 p.m.
Contact number	+30955020160 Viber
E-mail	olenavysnevska@ieu.edu.ua
Discipline page	**QR Code:**
Form of final control	Exam
Brief discipline annotation	Experimental Psychology studies various types of research on mental phenomena using experimental methods. However, experimental psychology includes not only the study of general regularities of mental processes but also individual differences in sensitivity, reaction time, memory, associations, etc. This discipline is important to study because it is closely related to scientific research in biological, technical, and social areas of theoretical knowledge.
Background for studying discipline	Certificate of Complete General Secondary Education, External Independent Testing Certificates. Entrance exams in the specialty. The rest of the requirements are defined by the admission rules of the Bachelor's educational and professional program.
Goal and objectives of the discipline	**Goal:** to study the fundamentals of scientific research: theoretical, empirical, and applied; to learn the subject, methods, and history of the development of experimental psychology, as well as the basics of experimental research: its types, stages, methods of processing, interpreting, and presenting research findings. **Objectives of the discipline**: - to study the subject, methods, and history of experimental psychology; - to know the classification of scientific research methods, their advantages and disadvantages; - to characterize the main types of scientific research: theoretical, empirical, and applied. - to characterize the types of experimental research and understand the stages of its implementation;

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<tr><td></td><td>- to study psychological aspects of experimental research: identify the roles of the experimenter and the subject in a psychological experiment;
- to examine the main types of experimental design, characterize experimental and non-experimental designs;
- to understand the theory of psychological measurement, types of measurements, and the concept of scales;
- to learn methods of presenting the results of psychological research.</td></tr>
<tr><td>Learning outcomes</td><td>The acquired knowledge will allow students to:
Know:
• classification of psychological research methods;
• features of organizing and conducting psychological experiments;
• experimental variables and methods of their control;
• main experimental and non-experimental designs;
• the concept of correlational research and its types;
• types of scales and scale transformations;
• specifics of interpreting and generalizing the results of psychological research.
Be able to:
• formulate a research problem, identify the object and subject of the study, and select appropriate methods for investigating psychological phenomena;
• develop an experimental sample;
• create a plan for experimental research;
• draft a protocol for conducting psychological research, interpret the obtained data, and summarize the results.</td></tr>
<tr><td>ECTS credits</td><td>The discipline consists of 4 credits, 2 content modules and an exam as a form of final control. Total amount of hours – 120 (including 48 class hours and 72 hours of students’ independent work).</td></tr>
<tr><td>Discipline structure</td><td>
<table>
<tr><th>Topics</th><th>Lectures</th><th>Practical classes</th><th>Independent work</th></tr>
<tr><td>Content module I. Introduction to experimental psychology.
Topic 1. Development and evolution of the experimental method in psychology</td><td>2</td><td>1</td><td>4,5</td></tr>
<tr><td>Topic 2. Methodological support for psychological research</td><td>2</td><td>1</td><td>4,5</td></tr>
<tr><td>Topic 3. Observation as a method of psychological research</td><td>2</td><td>1</td><td>4,5</td></tr>
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Topic 4. Verbal and communicative methods in psychology	2	1	4,5
Topic 5. Questionnaires and interviews as methods for studying personality in psychology	2	1	4,5
Topic 6. Experiment as a method of psychological research	2	1	4,5
Topic 7. Experimental variables and methods of their control	2	1	4,5
Topic 8. Assessing the quality of conducted experiments	2	1	4,5
Content module II. Organization of experiments in psychology. **Topic 9.** Characteristics and specific features of experimental designs	2	1	4,5
Topic 10. Features of pre-experimental and quasi-experimental designs	2	1	4,5
Topic 11. Social and psychological aspects of psychological experiment	2	1	4,5
Topic 12. Psychological testing	2	1	4,5
Topic 13. Traditional psychometric paradigm of test and scale construction	2	1	4,5
Topic 14. Experimental modeling	2	1	4,5
Topic 15. Data processing in psychological research	2	1	4,5
Topic 16. Interpretation and presentation of psychological research findings	2	1	4,5
List of obligatory tasks	Students are expected to perform several obligatory and additional types of tasks, including: preparing reports on specific issues within the discipline; advanced study of selected lecture topics or questions; preparing for ongoing knowledge assessments involving working through control questions, self-diagnostic questions, and independently studying theoretical material on the designated topics; systematizing the studied material in preparation for the exam; completing obligatory written individual educational and research tasks (chosen by the student).			

List of selective tasks	Independent development and testing of methodical tools according to topics during practical classes.

Discipline features	**Period of teaching**	**Semester**	**Interdisciplinary integration**	**Year of study**	**Courses: general training/professional training/elective**	
	1st semester	4th semester	available	2nd year	Professional training	
Technical and software support / equipment	Access to the Internet, laptop, tablet, smartphone, or PC.					
Assessment system and requirements **General system of discipline assessment**	As part of discipline teaching, one carries out current and final control of students' knowledge. The final grade is given according to the total rating of students. **QR Code:** https://ieu.edu.ua/docs/pol-mark-esb.pdf According to the results of current control during a semester, students can obtain 100 points maximally, the minimum sum of points allowing students to pass the discipline is 60 points. Maximum amount of points for the following types of assessment: ✓ module 1 = 30 points; ✓ module 2 = 30 points; ✓ semester exam = 40 points. **Correlation between national and ECTS grades and student rating: QR Code:** https://ieu.edu.ua/docs/pol-mark-esb.pdf					
Admission to final control	The minimum amount of points that should be obtained by students for current educational activities during a semester to be admitted to the final control is 36 points. The grade for the discipline is defined as a sum of the final points for current activities and the points for the final control and is expressed due to the multipoint scale. The overall points of the discipline are 100. The total grade for the discipline is given according to the national and European scale. The final control in the form of an exam is carried out after learning all the topics of the discipline and is taken by students during the examination session. The exam takes place according to the schedule. **QR Code:** https://ieu.edu.ua/docs/050.pdf					

Discipline policy	The teaching of the discipline implies: searching for information from various sources to solve professional tasks, particularly using information and communication technologies; summarizing scientific sources, substantiating one's position, and making independent conclusions; demonstrating socially responsible and conscious behavior while adhering to humanistic and democratic values; maintaining a responsible attitude toward professional self-improvement, learning, and self-development.
Policy of absence and late task performance	Students who miss the current control for valid reasons confirmed by documents have the right to take current control within two weeks after returning to studying. Students who have missed classes without valid reasons, have not participated in current control activities, have not liquidated academic failure are not admitted to the final semester control of this discipline. In this case, an academic staff member puts a mark 'non-admission' in the exam record. Repeated taking of the exam in the discipline is appointed in case of accomplishing all types of educational, independent (individual) work stipulated by the working program of the academic discipline and is carried out according to the approved schedule of academic failure liquidation. **QR Code:** https://ieu.edu.ua/docs/050.pdf
Academic integrity policy	Participants in the educational process rely on the academic integrity principles: **QR Code:** https://ieu.edu.ua/docs/011.pdf
Recommended sources of information	**Primary literature** 1. O.I. Bondarchuk. Experimental Psychology: A Course of Lectures. – K.: IAPM, 2003. – 120 p. 2. V.V. Horbunova. Experimental Psychology in Schemes and Tables. Study Guide. – Zhytomyr, 2005. – 94 p. 3. T.V. Kornilova. Experimental Psychology: Theory and Methods. Textbook for Universities. – M.: Aspect Press, 2002. – 381 p. 4. R.A. Makarevych. Experimental Psychology: Theoretical Foundations, Laboratory Workshop. – M.: University, 2000. – 173 p. 5. S.D. Maksymenko, E.L. Nosenko. Experimental Psychology (Didactic Thesaurus). Study Guide. – K.: IAPM, 2002. – 128 p. 6. Basics of Psychology / Edited by O.V. Kyrychuk, V.A. Romenets. – Kyiv: Lybid, 1995. – 632 p.

	Additional literature 1. M.Y. Boryshevskyi. Personality in the Context of Self-Consciousness: [Monograph] / M.Y. Boryshevskyi. – Sumy: Ellada Publishing House, 2012. – 608 p. 2. O.I. Halian, I.M. Halian. Experimental Psychology: Study Guide / O.I. Halian, I.M. Halian. – Kyiv: Akademvydav, 2012. – 400 p. 3. Liudmyla Kopets. Classical Experiments in Psychology: Study Guide. – Kyiv: Kyiv-Mohyla Academy Publishing House, 2010. – 283 p. 4. V.M. Sheiko. Organization and Methodology of Research Activities: Textbook. – Knowledge Press, 2002. – 295 p. **Additional information resources** 1. http://socio.125mb.com/eksperimentalnaya-psihologiya-teoreticheskie.html 2. **http://socio.125mb.com/eksperimentalnaya-psihologiya-teoriya-metodyi.html**
Tips on successful study during the course	You should work hard for successful learning in the course. This requires regular attendance of lectures and thorough preparation for practical classes. Active participation in class discussions is desirable.