МАУП

Private Joint-Stock Company
"Higher Educational Institution
"Interregional Academy of Personnel Management"
(name of educational unit)

Approved:
Name of the department
Minute No. _ dated "_" _____ 2025

Head of the department
_____
(signature)
(full name)

SYLLABUS
of the academical discipline
«EXPERIMENTAL PSYCHOLOGY"

Specialties: C4 Psychology

Educational level: first (bachelor's) level

Study program: "Psychology"

Specialization: _____

2025

General information about the academic discipline

Name of the academic discipline	Experimental Psychology
Code(s) and name(s) of the specialty(s)	C4 "Psychology"
Level of higher education	first (bachelor's) level of higher education,
Status of the discipline	compulsory
Number of credits and hours	7 credits/210 hours Lectures:40 hours Seminar/practical/laboratory classes:64 hours Independent work: 106
Terms of studying the discipline	5,6
Lenguage of instruction	Ukrainian
Type of final control	Pass/fail, exam

General information about the instructor. Contact information.

Full name of the instructor	
Academic degree	
Position	
Areas of scientific research	
Links to the registers of identifiers for scientists	
Contact information	
E-mail:	
Department phone	
Instructor’s portfolio on the website	

Course abstract. Studying the academic discipline "Experimental Psychology" will contribute to the emergence of interest in students in conducting research using the experimental method, activating their creative activity. Mastering this course serves as a basis for more successful completion by students of various types of active practice. This course contributes to the formation of students' ideas about the specifics of scientific knowledge of mental reality.

The subject of study of the academic discipline is planning, organizing and conducting experiments, processing and interpreting experimental data.

The purpose of the course of teaching the academic discipline "Experimental Psychology" is to form competencies that provide an understanding of the theoretical foundations of experimental psychology, to form in higher education students the ability to independently plan, conduct psychological research, process, analyze, interpret research results, and present them.

Objectives of the academic discipline: formation of knowledge about the laws, conditions, principles of applying the experimental method in psychology; development of the ability and skills to conduct a valid experimental study of the psyche; formation of the ability and skills to correctly and scientifically explain psychological facts, certain manifestations of personality on the basis of experimental data.

Prerequisites of the academic discipline. Studying the academic discipline "Experimental Psychology" is based on the knowledge and skills obtained by students in studying the following disciplines: "General Psychology", "Practical course in General Psychology", "Personality Psychology".

Postrequisites of the academic discipline. The knowledge and skills acquired by students in the process of studying the academic discipline "Experimental Psychology" contribute to the successful study by higher education applicants of a number of other academic disciplines aimed at the formation of professional knowledge and skills: "Experimental Psychology", "Age Psychology and Pedagogy", "Psychodiagnostics".

Program competencies and learning outcomes:

General Competencies	**GC** 1. Ability to apply knowledge in practical situations. **GC** 2. Knowledge and understanding of the subject area and understanding of professional activity. **GC** 6. Ability to make informed decisions. **GC** 7. Ability to generate new ideas (creativity).
Specific Competencies	**SC** 1. Ability to operate with the categorical and conceptual apparatus of psychology. **SC** 2. Ability to retrospectively analyze domestic and foreign experience in understanding the nature of the emergence, functioning and development of mental phenomena. **SC** 3. Ability to understand the nature of behavior, activity and actions. **SC** 4. Ability to independently collect and critically process, analyze and generalize psychological information from various sources.

	SC 5. Ability to use valid and reliable psychodiagnostic tools. **SC** 6. Ability to independently plan, organize and conduct psychological research. **SC** 7. Ability to analyze and systematize the results obtained, formulate reasoned conclusions and recommendations. **SC** 10. Ability to adhere to the norms of professional ethics. **SC** 11**.** Ability to personal and professional self-improvement, training and self-development. **SC** 14. The ability to understand the patterns of interaction between individuals, social groups, and communities.
Learning Outcomes	**PLO** 1. Analyze and explain mental phenomena, identify psychological problems and propose ways to solve them. **PLO** 4. Justify one's own position, draw independent conclusions based on the results of one's own research and analysis of literary sources. **PLO** 5. Choose and apply valid and reliable psychodiagnostic tools (tests, questionnaires, projective methods, etc.) for psychological research and psychological assistance technologies. **PLO** 6. Formulate the goal and objectives of the research, have the skills to collect primary material, follow the research procedure. **PLO** 7. Reflect and critically evaluate the reliability of the obtained results of psychological research, formulate reasoned conclusions. **PLO** 13. Interact, enter into communication, be understandable, and be tolerant of people with other cultural or gender-age differences. **PLO** 16. Know, understand and adhere to the ethical principles of the professional activity of a psychologist. **PLO** 21. Implement programs for interpersonal and intergroup interaction that would contribute to a positive psychological microclimate in teams.

Content of the academic discipline

№	Topic name	Number of hours			
		Lectures	**Seminars**	**Individual work**	**Teaching methods/assessment methods**
5th semester Content module 1. Theoretical and methodological foundations of experimental psychology					**Teaching methods:** educational lecture; conversation; discussion; analytical; synthetic; practical, explanatory and illustrative methods;
Topic 1.	Experimental Psychology as a Science	2	4	6	
Topic	The Formation and Development	2	4	6	

2.	of Psychology as an Experimental Science				problem-based presentation method; interactive methods (situation analysis; discussions, debates, dialogue, synthesis of thoughts; brainstorming; skills development; processing of discussion questions; innovative teaching methods (competence; research); case method. **Assessment methods**: oral control (oral survey, assessment of participation in discussions, other interactive teaching methods); written control (control, independent work, essays); test; method of self-control and self-assessment; assessment of case tasks.
Content module 2. Methods of psychological research in experimental psychology					
Topic 3	Classifications of psychological research methods	2	4	6	
Topic 4	Modelling as a method of psychological research	2	4	6	
Topic 5-6	Experiment as a method of psychological research	4	4	6	
Topic 7	Non-experimental methods of psychological research	2	4	6	
Topic 8	"Archival" methods of psychological research	2	4	6	
Topic 9	Organizational methods of psychological research	2	4	6	
Topic 10	Measurement as a method of psychological research	2	4	6	
Modular test work					
Total :		**20**	**36**	**54**	
Form of control: pass/fail					

№	**Topic name**	**Number of hours**			
		Lectures	**Seminars**	**Individual work**	**Teaching methods/assessment methods**
6th semester **Content module 3. Basics of preparation and planning of a psychological experiment**					**Teaching methods**: educational lecture; conversation; discussion; analytical; synthetic; practical, explanatory and illustrative methods; problem-based
Topic 11-12	The preparatory stage of experimental research	2	4	8	
Topic 13-14	Validity of experimental research	4	4	6	

Topic 15-61	Experimental plans	2	4	6	presentation method; interactive methods (situation analysis; discussions, debates, dialogue, synthesis of thoughts; brainstorming; skills development; processing of discussion questions; innovative teaching methods (competence; research); case method. **Assessment methods**: oral control (oral survey, assessment of participation in discussions, other interactive teaching methods); written control (control, independent work, essays); test; method of self-control and self-assessment; assessment of case tasks.
Topic 17-18	Psychological features of the behavior of the researcher and the subject in the experiment	4	4	8	
Content module 4. Mathematical and statistical methods of experimental psychology					
Topic 19-20	Application of statistical methods in psychological measurements	2	4	8	
Topic 21-22	Use of nonparametric and parametric statistics when processing empirical data	4	4	8	
Topic 23-24	Statistical significance of empirical indicators	2	4	8	
Modular test work					
Total :		**20**	**28**	**52**	
Form of control: exam					

The content of the student's independent work in the academic discipline "Experimental Psychology" involves preparation for classroom lessons by mastering lecture materials, studying basic and additional literature, periodicals, Internet sources, performing practical tasks (writing abstracts, analyzing problem situations, preparing the results of one's own research for presentations at conferences, participating in scientific paper competitions, preparing and publishing scientific articles, theses) during the semester; independent study of individual topics of the academic discipline; preparing reports and presentations on the topic of practical classes; performing individual tasks; preparing for all types of control, including modular control works and final control.

The content of the student's independent work is determined by the work program of the academic discipline of a specific academic discipline, methodological recommendations for tasks and recommendations of the teacher.

Technical equipment and/or software – official website of MAUP:

http://maup.com.ua The educational process uses classrooms, a library, a multimedia projector and a computer for conducting lectures and seminars with presentation elements.

Studying individual topics and completing practical tasks requires access to information from the World Wide Web, which is provided by a free Wi-Fi network.

Forms and methods of control.

Control of the success of students is divided into ongoing and final (semester).

Ongoing control is carried out during practical (seminar) classes, the purpose of which is to systematically check the understanding and assimilation of theoretical educational material, the ability to use theoretical knowledge when performing practical tasks, etc. The possibilities of ongoing control are extremely wide: motivation for learning, stimulation of educational and cognitive activity, a differentiated approach to learning, individualization of learning, etc.

Forms of student participation in the educational process that are subject to ongoing control:

-oral report;
- additions, questions to the person answering;
- systematic work in seminar classes, activity during the discussion of issues;
- participation in discussions, interactive forms of organizing classes;
- analysis of legislation and monographic literature;
- written tasks (tests, tests, creative works, essays, etc.);
- preparation of theses, summaries of educational or scientific texts;
- independent study of topics;
- Control of the success of students is divided into ongoing and final.

Methods of ongoing control: oral control (survey, conversation, report, message, etc.); written control (test work, essay, presentation of material on a given topic in writing, etc.); combined control; presentation of independent work; observation as a control method; test control; problem situations.

Grading system and requirements.

Table of distribution of points received by students (pass/fail)

	Ongoing knowledge control										**Modular test**	**Final assessment**	**Total points**
Topics	Topic 1	Topic 2	Topic 3	Topic 4	Topic 5	Topic 6	Topic 7	Topic 8	Topic 9	Topic 10	20	20	100
Work in a seminar session	3	3	3	3	3	3	3	3	3	3			
Independent work	3	3	3	3	3	3	3	3	3	3			

The table contains information about the maximum points for each type of academic work of a student.

When assessing the mastery of each topic for the current educational activity, the student is given marks taking into account the approved assessment criteria for the relevant discipline.

The criteria for assessing the learning outcomes of students and the distribution of points they receive are regulated by the Regulations on the assessment of academic achievements of students at PJSC "HEI "MAUP".

Modular control. Modular control work on the academic discipline "Experimental Psychology" is carried out in written form, in the form of testing, namely, closed-form tests: test-alternative, test-correspondence.

Criteria for evaluating the modular test work in the academic discipline "Experimental Psychology":

When evaluating the modular test work, the volume and correctness of the completed tasks are taken into account:

- the grade "excellent" (A) is given for the correct completion of all tasks (or more than 90% of all tasks);
- the grade "good" (B) is given for the completion of 80% of all tasks;
- the grade "good" (C) is given for the completion of 70% of all tasks;
- the grade "satisfactory" (D) is given if 60% of the proposed tasks are completed correctly;
- the grade "satisfactory" (E) is given if more than 50% of the proposed tasks are completed correctly;
- the grade "unsatisfactory" (FX) is given if less than 50% of the tasks are completed.

Absence from the modular test work - 0 points.

The above grades are transformed into rating points as follows:

"A" - 18-20 points;
"B" - 16-17 points;
"C" - 14-15 points;
"D" - 12-13 points.
"E" - 10-11 points;
"FX" - less than 10 points.

The final semester control in the academic discipline "Experimental Psychology" is a mandatory form of assessing the learning outcomes of a student. It is carried out within the time limits established by the educational process schedule and in the volume of educational material determined by the program of the academic discipline.

The final control is carried out in the form of a test (oral). The student is admitted to the semester control provided that he performs all types of work.

Semester control in the form of a test provides that the final grade for the discipline is determined as the sum (simple or weighted) of points for content modules. The final grade is issued based on the results of the student's work throughout the semester. The rating score of the student consists of the points received by the student based on the results of ongoing control measures, incentive points.

Students who have fulfilled all the tasks and have a rating score of 60 or more points receive a grade corresponding to the rating received without additional tests.

With students who have fulfilled all the tasks and have a rating score of less than 60 points, as well as with those students who wish to increase their rating score, the professor conducts a final semester control in the form of a test at the last scheduled lesson in the discipline in the semester.

For the exam:

	Ongoing knowledge control							**Modular test**	**Exam**	**Total points**
Topics	Topic 11-12	Topic 13-14	Topic 15-16	Topic 17-18	Topic 19-20	Topic 21-22	Topic 23-24	20	40	100
Work in a seminar session	3	3	3	3	3	3	3			
Independent work	3	3	2	3	2	3	3			

The final control is carried out in the form of an exam. The student is admitted to the final control provided that he/she performed all types of work outlined in the sullabus.

The final (semester) grade of the discipline for which the exam is provided is formed from two components: the results (grade) of the ongoing control; exam grade.

The maximum number of points for the ongoing control is 60, for the examination is 40.

The minimum amount by which the exam is considered as passed is 25 points.

The grade for the ongoing control is formed as the sum of rating points received by the student during the seminars/practical classes and incentive (if provided) points.

After evaluating the student’s answers on the exam, the professor summarizes the points received for the ongoing control measures and points for the exam to obtain the final grade for the course.

Scale for the assessment of exam tasks

Scale	Total points	Criteria
Excellent level	30–40	The task is completed with high quality; the student has achieved the maximum score in the assessment of theoretical knowledge.

Good level	20–29	The task is completed with high quality and a sufficiently high proportion of correct answers.
Satisfactory level	10–19	The task is completed with an average number of correct answers; the student has demonstrated theoretical knowledge with significant errors.
Unsatisfactory level	0–9	The task is not completed; the student has demonstrated theoretical knowledge with major errors.

Assessment of additional (individual) types of educational activities. Additional (individual) types of educational activities include the participation of applicants in scientific conferences, scientific societies and problem groups, preparation of publications, etc. in excess of the tasks established by the relevant syllabus of the academic discipline.

By decision of the department, applicants who participated in scientific research work and performed certain types of additional (individual) types of educational activities may be awarded incentive (bonus) points for a certain educational component.

Incentive points are not normative and are not included in the table of distribution of points received by students and the main scale of the assessment system.

One event can be the basis for setting incentive points only for one most relevant educational component.

The total number of points scored by students for completing tasks for independent work is one of the components of the academic performance in the academic discipline. Independent work on each topic according to the work program of the academic discipline is evaluated in the range from 0 to 3 points using standardized generalized knowledge assessment criteria.

Scale for evaluating the performance of independent work (individual tasks)

The maximum possible assessment of independent work (individual tasks)	Execution level			
	Excellent	Good	Satisfactory	Unsatisfactory
3	3	2	1	0

Forms of control: ongoing control based on the performance of practical work; ongoing control of knowledge acquisition based on the assessment of oral answers to questions, messages, reports, etc. (in practical (seminar) classes); individual or collective project that requires the formation of practical skills and abilities of students (selective form); solving situational tasks; a summary made on the topic studied independently; testing, performing a written test; draft articles, speech abstracts and other publications, other forms that contribute to the full assimilation of the educational program and the

consistent development of skills for effective independent professional (practical and scientific and theoretical) activity at a high level.

To assess the learning outcomes of a student during the semester, a 100-point, national and ECTS assessment scale is used

Summary assessment scale: national and ECTS

Total points for all types of learning activities	ECTS assessment	National scale assessment for exam, course project (work), practice	
		National scale assessment for exam, course project (work), practice	For pass/fail (credit)
90 – 100	A	excellent	pass
82 – 89	B	good	
75 – 81	C		
68 – 74	D	satisfactory	
60 – 67	E		
35 – 59	FX	unsatisfactory with the possibility of retaking	fail unsatisfactory with the possibility of retaking
0 – 34	F	unsatisfactory with mandatory re-study of the discipline	fail unsatisfactory with mandatory re-study of the discipline

Course Policy.

- regularly attend lectures and practical classes;
- work systematically and actively in lectures and practical classes;
- catch-up on missed classes;
- perform the tasks required by the syllabus in full and with appropriate quality;
- perform control and other independent work;
- adhere to the norms of academic behavior and ethics.

The course "Experimental Psychology" involves mastering and adhering to the principles of ethics and academic integrity, in particular, orientation on preventing plagiarism in any of its manifestations: all works, reports, essays, abstracts and presentations must be original and author's, not overloaded with quotes, which must be accompanied by references to primary sources. Violations of academic integrity are considered: academic

plagiarism, self-plagiarism, fabrication, falsification, copying, deception, bribery, biased evaluation.

The assessment of the student is focused on receiving points for activity in seminar classes, completing tasks for independent work, as well as completing tasks that can develop practical skills and abilities, for which additional (bonus) points can be awarded (participation in round tables, scientific conferences, scientific competitions among students).

Methodological support of the academic discipline

Teaching and methodological materials that provide support for the discipline: lecture notes, methodological recommendations for conducting practical (seminar) classes and methodological recommendations for independent work of higher education students in the academic discipline "Experimental Psychology".

Recommended sources of information.

Main:

1. Bedan V. B. Experimental psychology: Workbook for independent work of psychology students of the Faculty of Psychology, Political Science and Sociology of the National University "Olya". Odesa: Phoenix, 2021. 75 p.

2. Lytvyn A. V., Koval I. S., Yaremko R. Ya. Experimental psychology: a textbook. / Lviv State University of Life Safety. Lviv: LDUBZHD. 2024. 316 p.

3. Maksymenko S. D., Nosenko E. L. Experimental psychology. Textbook. Kyiv: Center for Educational Literature. 2021. 360 p.

4. Malkhazov O. R. Experimental psychology: a practical manual. Kyiv: Talkom. 2020. 321 p.

Additional:

1. Bosnyuk V. The role of the effect size indicator in modern psychological research. Problems of extreme and crisis psychology 2021. No. 2(2). P. 97-109. DOI: https://doi.org/10.52363/dcpp-2021.2.9

2. General psychology: textbook / edited by academician S. D. Maksymenko. 4th ed., revised and supplemented. Volume 1. Kyiv: Lyudmila Publishing House, 2025. 568 p.

3. Maksymenko S. D. Medical psychology: textbook / edited by academician S. D. Maksymenko. Volume I. Kyiv: Lyudmila Publishing House, 2023. 458 p.

4. Maksymenko S. D. Medical psychology: textbook / edited by academician S. D. Maksymenko. Volume 2. Kyiv: Lyudmila Publishing House, 2023. 520 p.

5. Maksymenko S. D., Irkhin Yu. B., Derkach L. M., Marusynets M. M., Kasynets M. M. Psychological organization of modular formation of cognitive abilities: genetic-creative approach: textbook. Volume 1. Kyiv: "Lyudmila Publishing House", 2023. 384 p.

6. Yaremko R. Ya. Empirical study of neuropsychic stability of future rescuers. Mental health of the individual in a crisis society: collection of materials of the VII All-Ukrainian scientific and practical conference, Lviv, October 28, 2022 / compiled by V. S. Blikhar. Lviv: LDUVS, 2022. P. 401-403.

Information resources:

1. The best online courses in Ukraine and the world. URL: https://prometheus.org.ua/

2. Lytvyn A. V. Experimental Psychology: Course of Lectures in the VNS. URL:

http://virt.ldubgd.edu.ua/course/view.php?id=1118

3. Digital Library of Thematic Text Collections [Electronic Resource] Access Mode: https://www.twirpx. com.

4. Directory of Open Access Books [Electronic resource] Access mode: https://www.doabooks.org

5. www.nbuv.gov.ua/ National Library of Ukraine named after V. I. Vernadsky

6.http://maup.com.ua/assets/files/lib/book/ps_02.pdf

7. https://stud.com.ua/29206/psihologiya/eksperimentalna_psihologiya

8. https://pidru4niki.com/14170120/psihologiya/istoriya_rozvitku_eksperimentalnih_doslidzh en psihologiyi.