

## 1. 2. OPTIONAL COMPONENTS OF THE CYCLE OF MAJOR COURSES

### *Optional component 1*

**Course: Commercialization of research and development**

*Labor intensity:* 5 academic credits

*Module code:* ORW 703/1

*Module Name:* Methodology and Pedagogy module

*Prerequisite:*

*Purpose:* The relevance of this discipline is due to the establishment on the path of modernizing the country's economy. In this situation, the need to assess and substantiate the economic efficiency of projects focused on the production of high-tech products and the promotion of new technologies is sharply increasing.

*Brief description:* The issues related to theoretical and methodological aspects of drawing up a business plan for the commercialization of research results are considered.

*Learning Outcomes in EP (LOP):*

LOP 1 - Understands the high social significance of the profession, the principles of professional ethics, the use in the professional activity of knowledge of the subject area, instrumentation training;

LOP 5 - Summarizes scientific information based on the use of various approaches, observing the principles and standards of professional ethics of the teacher;

LO6 – owns modern methods of research and applied activities in the field of foreign language education methods and innovative technologies in the field of language teaching;

LO7 – generates new ideas in solving research and practical problems, including in interdisciplinary fields;

*Learning Outcomes in Course (LOC):*

LOC 1 - Knows the basic principles, rules, norms of preparation, writing and editing of the academic text.

LOC 5 - Applies in practice the foundations of knowledge related to the analysis of interpersonal communications, linguistic and literary text.

LOC 6 - Analyzes and uses the fundamental achievements of domestic and foreign science in his research work.

Post-props: No

### *Optional component 2*

**Course: Interdisciplinary training: theory and practice**

*Labor intensity:* 5 academic credits

*Module code:* ORW 703/2

*Module name:* Scientific and professional module

*Prerequisite:* MNI 7202 Scientific Research Methods

*The purpose of the discipline:* The topics will cover: different ways of using and interpreting key language and terminology; different methodologies preferred by disciplines; ways of creating and evaluating different types of knowledge.

*Brief description:* This course provides knowledge and understanding about interdisciplinary learning, how different disciplines develop their own methodologies; how disciplines create and evaluate different types of knowledge, and how to find strategies for working in an interdisciplinary environment; Topics will cover: different ways of using and interpreting key language and terminology; different methodologies preferred by disciplines; ways to create and evaluate different types of knowledge..

*Learning Outcomes in EP (LOP):*

LOP 5 - Summarizes scientific information based on the use of various approaches, observing the principles and standards of professional ethics of the teacher;

LOP 6 – owns the skills of using communicative-digital technologies to modernize education

LO7 – Generates new ideas in solving research and practical problems, including in interdisciplinary fields;

*Learning Outcomes in Course (LOC):*

LOC 5 - Applies in practice the foundations of knowledge related to the analysis of interpersonal communications, linguistic and literary text.

LOC 6 - Analyzes and uses the fundamental achievements of domestic and foreign science in his research work.

LOC 7 - In his research work analyzes and uses the fundamental achievements of domestic and foreign science.

*No post-props: No*

### *Optional component 3*

**Course: Empirical research methods in education**

*Labor intensity:* 5 academic credits

*Module code:* SP 705/1

*Module Name:* Methodology and Pedagogy module

*Prerequisite:*

*Purpose:* The discipline provides an idea of the most important areas of empirical research methods. The difficulties of empirical research, research design, data generation and analysis are considered.

*Brief description:* The discipline gives an idea of the most commonly used empirical research methods: case study, design, surveys and experiments, etc.

*Learning Outcomes in EP (LOP):*

LOP 1 - Understands the high social significance of the profession, the principles of professional ethics, the use in the professional activity of knowledge of the subject area, instrumentation training;

LOP 5 - Summarizes scientific information based on the use of various approaches, observing the principles and standards of professional ethics of the teacher;

LOP 6 – owns the skills of using communicative-digital technologies to modernize education;

*Learning Outcomes in Course (LOC):*

LOC 1 - Knows the basic principles, rules, norms of preparation, writing and editing of the academic text.

LOC 5 - Applies in practice the foundations of knowledge related to the analysis of interpersonal communications, linguistic and literary text.

LOC 6 - Analyzes and uses the fundamental achievements of domestic and foreign science in his research work.

Post-propos: No

#### *Optional component 4*

**Course: Research design and methodology**

*Labor intensity:* 5 academic credits

*Module code:* SP 705/2

*Module name:* Scientific and professional module

*Prerequisite:* No

*The purpose of the discipline:* Doctoral students will explore quantitative, qualitative, and mixed approaches to research, including experimental design, surveys, interviews, case studies, and discourse analysis. They develop the skills to develop and conduct research in the field of English education.

*Short description:* This course provides in-depth training in design and research methodology specific to the field of English education.

*Learning Outcomes in EP (LOP):*

LOP 1 - Understands the high social significance of the profession, the principles of professional ethics, the use in the professional activity of knowledge of the subject area, instrumentation training;

LOP 5 - Summarizes scientific information based on the use of various approaches, observing the principles and standards of professional ethics of the teacher;

LOP 6 – owns the skills of using communicative-digital technologies to modernize education;

*Learning Outcomes in Course (LOC):*

LOC 1 - Knows the basic principles, rules, norms of preparation, writing and editing of the academic text.

LOC 5 - Applies in practice the foundations of knowledge related to the analysis of interpersonal communications, linguistic and literary text.

LOC 6 - Analyzes and uses the fundamental achievements of domestic and foreign science in his research work.

Post-propos: No