**Syllabus**

**Fall semester 2021-2022 academic years**

**on the educational program**

**7M06114, System Engineering(БАУ); 7M06114, System Engineering(БАУ); 7M06104, Computer Science; 7M03118, Personality and Organizational Psychology; 7M01504, Biology; 7M01504, Biology; 7M05101, Biology; 7M05104, IT-Genetics; 7M05104, IT-Genetics; 7M05113, Neuroscience; 7M05109, Biotechnology; 7M05109, Biotechnology; 7M05114, Virology; 7M05114, Virology; 7M05115, Biomedical Engineering(KBTU); 7M05115, Biomedical Engineering(KBTU); 7M11101, Tourism; 7M11101, Tourism**

**(Spring)**

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| **Discipline’s code** | **Discipline’s title** | **Independent work of students (IWS)** | **No. of hours per week** | | | | | **Number of credits** | **Independent work of student with teacher (IWST)** |
| Lect. | | Pract. | Lab. | |
| **Ped 5203** | **«Pedagogy of Higher Education»** | 3 | 15 | | 30 | - | | 3 credits | 7 |
| Academic course information | | | | | | | | | |
| **Form of education** | **Type of course** | **Types of lectures** | | **Types of practical training** | | | **Number of IWS** | | **Form of final control** |
| Online | Theoretical | Brief lecture  Lecture –discussion  Demonstration-how to  Traditional lecture | | Case study  Brainstorming  Round table  Six thinking hats | | | 3 | | Oral exam |
| Lecturer | PhD Yertargynkyzy Dinara Makhambetova Zh.T | | | | | | Office hours | | According schedule |
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| Academic presentation of the course |

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| **Aim of course**  mastering the fundamentals of the professional and pedagogical culture of the teacher of higher education, familiarizing future teachers with the general problems, methodological and theoretical foundations of high school pedagogy, modern technologies of analysis, planning and organization of teaching and upbringing, and communicative technologies of the subject-subject interaction of the teacher and student in the educational process of the university. | **Expected Learning Outcomes (LO)**  As a result of studying the discipline the undergraduate will be able to: | **Indicators of LO achievement (ID)**  (for each LO at least 2 indicators) |
| 1-TR. knowledge of the stages of development of modern higher professional education, parameters and methodological levels of the methodological apparatus; Be able to analyze the higher education system in Kazakhstan; | 1 ID - definition of the content and essence of categories of high school pedagogy;  1.2 ID - educational paradigms, interpretation of theories;  1.3 ID - a description of the levels of pedagogical methodology, the system of higher education in the modern world; |
| 2- TR. mastering the basics of professional and pedagogical culture and competence of a high school teacher; | 2.1 ID - systematization of features of pedagogical creativity;  2.2 ID - a description of the professional and communicative competence of a high school teacher;  2.3 ID - Determining the level of pedagogical image and reputation; |
| 3- TR. Design of TLA-strategy of education, independent work of students on education in the credit system in higher education; knowledge of modern didactic principles and analytical technology, technology of education and upbringing; | 3.1 ID - Highlight the technology of development of educational materials;  3.2 ID - to determine the specifics of the organization of independent work of students in the conditions of credit-based learning technology;  3.3 ID - Analysis of didactic theories of teaching; |
| 4- TR. Development of the content of higher professional education; Competency assessment of Bloom's taxonomy; use of traditional and innovative methods and new technologies in the organization of education in high school. | 4.1 ID - Identify the components of educational content;  4.2 ID - Assess the capabilities of new educational technologies in high school;  4.3 ID - analysis of traditional and innovative methods and types of training; |
| 5- TR. Assessment of the technology of communicative communication between students and teachers and motivation of students in the educational process at the university; | 5.1 ID - Development of criteria for a high school as a social institution in the education and formation of a professional personality;  5.2 ID - Formulation of pedagogical communication services, styles;  5.3 ID - Discuss the role of curator-advisor in high school. |
| **Prerequisites** | "Psychology” | |
| **Post requisites** | Pedagogy of interpersonal communication | |
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| References and Information resources | **Main :**   1. N.S. Algozhayeva. Higher school pedagogy: tutorial/ N.Algozhayeva.Translated: Zh.T. Makhambetova.-Almaty: Qazaq University, 2018.-172 p. ISBN 978-601-04-3657-2 2. S. U. Naushabayeva. Pedagogy of Higher Education. Educational manual.-Almaty “Qazaq university” 2016 3. Мынбаева А.К. Основы педагогики высшей школы: Учебное пособие. – Алматы, 2013. – 190 с. 4. Мынбаева А.К., Садвакасова З.М. Инновационные методы обучения, или Как интересно преподавать. – Алматы, 2012. – 344 с. 5. Кусаинов А. Качество образования в мире и в Казахстане. – АНОО «Издательский Центр ИЭТ», Москва, 2014.- 208 с. 6. Higher School Pedagogy: tutorial/ N.Algozhaeva.- Qazaq universitety, 2018. – 172 с. ISBN 978-601-04-3657-2 7. Inez De Florio.Effective Teaching and Successful Learning: Bridging the Gap Between Research and Practice.- Cambridge University Press:2016   **Additional:**  1. ҚР Білім беру тұжырымдамасы // Егемен Қазақстан 26.12.09.  2. Таубаева Ш.Т. Педагогика әдіснамасы. Алматы: ҚУ, 2014ж.  3. Батырбеков М.Б. Выдающиеся ученые – педагоги высшей школы Казахстана. Алматы, 2004  4.Касымова Р.С., Шағырбаева М.Д. Педагогика курсы бойынша тапсырмалар жинағы. Оқу-әдістемелік құрал.Алматы: ҚУ.,2016.  5. Мынбаева А.К., Садвакасова З.М. Инновационные методы обучения, или как интересно преподавать: Учебное пособие. –Алматы, 2011.  6. Pedagogy of interpersonal communication; educational-methodological manual / E.S. Onalbekov, Zh.T. Makhambetova.-Almaty: Qazaq universitety, 2018.- 190 p. ISBN 978-601-04-3422-6 | |

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| **Academic policy of the course in the context of university moral and ethical values** | **Academic Behavior Rules:**  All students have to register at the MOOC. The deadlines for completing the modules of the online course must be strictly observed in accordance with the discipline study schedule.  ATTENTION! Non-compliance with deadlines leads to loss of points! The deadline of each task is indicated in the calendar (schedule) of implementation of the content of the curriculum, as well as in the MOOC.  **Academic values:**  - Practical trainings/laboratories, IWS should be independent, creative.  - Plagiarism, forgery, cheating at all stages of control are unacceptable.  - **Students with disabilities can receive counseling at e-**mail  [yerdinara@gmail.com](mailto:yerdinara@gmail.com), mzhamilya@mail.ru. |
| **Evaluation and attestation policy** | **Criteria-based evaluation:**  assessment of learning outcomes in relation to descriptors (verification of the formation of competencies in midterm control and exams).  **Summative evaluation:** assessment of work activity in an audience (at a webinar); assessment of the completed task. |

**CALENDAR (SCHEDULE) THE IMPLEMENTATION OF THE COURSE CONTENT:**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| weeks | Topic name | LO | ID | amount of hours | Maximum score | Form of Knowledge Assessment | The  Form of the lesson  / platform |
| **1-module**  **Foundations of Higher School Pedagogy** | | | | | | | |
| 1 | **Lecture 1.** Pedagogical science and its place in the system of human sciences | 1- LO | 1.1- ID | 1 |  |  | Zoom |
| 1 | **Practical class 1.** Pedagogical science and its place in the system of human sciences |  |  | 2 | 10 | Case study | Zoom |
| 2 | **Lecture 2.** The modern paradigm of higher education | 1- LO | 1.2- ID | 1 |  |  | Zoom |
| 2 | **Practical class 2.** The modern paradigm of higher education |  |  | 2 | 10 | Case study | Zoom |
| 3 | **Lecture 3.** The system of higher education in the modern world | 1- LO | 1.3- ID | 1 |  |  | Zoom |
| 3 | **Practical class 3** Trends and main directions of development of higher education in the modern world. Higher education in the Republic of Kazakhstan. | 1- LO | 1.3- ID | 2 | 10 | Brainstorming  Round table  Six thinking hats | Zoom |
| 3 | **IWSP 1 Consultation on the implementation of IWS1** | 1- LO | 1.2- ID |  |  |  | Zoom |
| 3 | **IWS 1.** « Prepare a report on the topic **“**Contribution of scientists in the development of the pedagogy of higher education» | 1- LO | 1.3- ID |  | 25 |  | Zoom |
| 4 | **Lecture 4.** Methodology of pedagogical science. | 1- LO | 1.3- ID | 1 |  |  | Zoom |
| 4 | **Practical class 4.**  Methodology of pedagogical science. |  |  | 2 | 10 | Brainstorming | Zoom |
| 5 | **Lecture 5** Professional and communicative competence of the teacher of higher education. | 2- LO | 2.2- ID | 1 |  |  | Zoom |
| 5 | **Practical class 5** Professional and communicative competence of the teacher of higher education. | 2- LO | 2.3- ID | 2 | 10 | Round table | Zoom |
| 5 | **IWSP 2 Consultation on the implementation of IWS1** |  |  |  |  |  |  |
| 5 | **IWS 2.** «Applying critical thinking in academic context.”» |  |  |  | 25 | report | Zoom |
| 5 | **MT 1** |  |  |  | 100 |  | Zoom |
| **Module 2**  **Theory of training in higher educational institutions** | | | | | | | |
| 6 | **Lecture 6** Theory of training (didactics) in educational institutions. | 3- LO | 3.3 ID | 1 |  |  | Zoom |
| 6 | **Practical class 6** Theory of training (didactics) in educational institutions. | 3- LO | 3.3 ID | 2 | 10 | Six thinking hats | Zoom |
| 7 | **Lecture 7** Principles and perspectives of training in higher educational institutions | 3- LO | 3.3- ID | 1 |  |  | Zoom |
| 7 | **Practical class 7** Principles and perspectives of training in higher educational institutions | 3- LO | 3.3- ID | 2 | 10 | Six thinking hats | Zoom |
| 7 | **IWSP 3 Consultation on the implementation of IWS3**  **IWS3**  Storytelling in teacher professional development | 2- LO | 2.1- ID |  | 25 |  | Zoom |
| 8 | **Lecture 8** Content of higher education | 4- LO | 4.1- ID | 1 |  |  | Zoom |
|  | **Practical class 8** Content of higher education |  |  | 2 | 10 | Six thinking hats | Zoom |
| 9 | **Lecture 9** Traditional and innovative methods and forms of organization of training. | 4- LO | 4.3- ID | 1 |  |  | Zoom |
| 9 | **Practical class 9**. Traditional and innovative methods and forms of organization of training. | 4- LO | 4.3- ID | 2 | 10 | Six thinking hats | Zoom |
| 10 | **Lecture 10** Organization of independent work of students in the conditions of credit technology. | 3- LO | 3.2- ID | 1 |  |  | Zoom |
| 10 | **Practical class 10.** Organization of independent work of students in the conditions of credit technology. | 3- LO | 3.2- ID | 2 | 10 | Six thinking hats | Zoom |
| 10 | **IWSP 4,5 consultation on the implementation of IWS4,5**  IWS4 "Distance learning predictions and possibilities |  |  |  | 25 | report | Zoom |
| 10 | **МТ** |  |  |  | 100 |  | Zoom |
| **3-module**  **The management process in higher educational institutions** | | | | | | | |
| 11 | **Lecture 11** New educational technologies in higher school. | 4- LO | 4.2 ID | 1 | 10 |  | Zoom |
| 11 | **Practical class 11** New educational technologies in higher school. | 4- LO | 4.2 ID | 2 | 10 | Case study | Zoom |
| 12 | **Lecture 12** Theory of scientific activity of higher school. Research work of students. RWS | 4- LO | 4.3 ID | 1 |  |  | Zoom |
| 12 | **Practical class 12** Theory of scientific activity of higher education. Research work of students.RWS | 4- = LO | 4.3 ID | 2 | 10 | Case study | Zoom |
| 12 | **IWSP 6 Consultation on the implementation of IWS5**  Current trends, challenges and prospects of student mobility in higher educational institutions of Kazakhstan | 5- LO | 5.1 ID |  | 25 |  | Zoom |
| 13 | **Lecture 13** Higher educational institutions as a social institution of education and formation of the personality of a specialist. Curator in the system of higher education. | 5- LO | 5.1 ID | 1 |  |  | Zoom |
| **13** | **Practical class 13** Higher school as a social institution of education and formation of the personality of a specialist. Curator in the system of higher education. | 5- LO | 5.1 ID | 2 | 10 | Case study | Zoom |
| 14 | **Lecture 14** Pedagogical communication | 5- LO | 5.2 ID | 1 |  |  | Zoom |
| 14 | **Practical class 14** Pedagogical communication | 5- LO | 5.3 ID | 2 | 10 | Case study | Zoom |
| 15 | **Lecture 15.** Management of higher educational institutions | 5- LO | 5.3 ID | 1 |  |  | Zoom |
| 15 | **Practical class 15** Management of higher educational institutions | 5- LO | 5.3 ID | 2 | 10 | Case study | Zoom |
|  | IWSP 7 Consultation on the implementation of IWS6 |  |  |  |  |  |  |
|  | **IWS 6** Importance, benefits and examples of lifelong learning |  |  |  | 25 |  |  |
| 15 | **MT2** |  |  |  | 100 |  | Zoom |

[Abbreviations: QS - questions for self-examination; TK - typical tasks; IT - individual tasks; CW - control work; MT - midterm.

Comments:

- Form of L and PT: webinar in MS Teams / Zoom (presentation of video materials for 10-15 minutes, then its discussion / consolidation in the form of a discussion / problem solving / ...)

- Form of carrying out the CW: webinar (at the end of the course, the students pass screenshots of the work to the monitor, he/she sends them to the teacher) / test in the Moodle DLS.

- All course materials (L, QS, TK, IT, etc.) see here (see Literature and Resources, p. 6).

- Tasks for the next week open after each deadline.

- CW assignments are given by the teacher at the beginning of the webinar.]

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