**SYLLABUS**

**Fall semester 2024-2025 academic years**

**on the educational program “7M042 – Maritime and Energy law ”**

**Master degree program in English**

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| **Discipline’s code and the Title**  | **Independent work of master students (IWMS)** | **Number of credits** | **Number of credits** | **Independent work of master students with teacher (IWMST)** |
| **Lectures (L)** | **Practical training (PT)** | **Laboratory (Lab)** |
| **MKEP 5206** **Environmental safety in maritime and energy law** | 98 | 15 | 30 | - | 5 | 7 |
| **ACADEMICAL INFORMATION ON DISCIPLINE** |
| **Form of education** | **Cycle, component** | **Type of lecture**  | **Type of practical training**  | **The form and platform of final control** |
| Online  | Based disciplines, by choice of component | Classic, Problem, analytical lecture | Problem solving, situational tasks, debates, presentation | verbal exam via ZOOM platform |
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| **ACADEMICAL PRESENTATION OF DISCIPLINE** |
| **Aim of course**  | **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) |
| To develop the ability to analyze international and national legislation in the field of environmental safety, analyze its legal instruments, describe the nature and specifics of legal regulation of relations in the field of environmental safety.  | 1. To demonstrate an understanding of the content of the concept of legal provision of environmental safety in the field of marine and energy relations. | 1.1. To argue the specifics of the legal regulation of marine and energy relations in the field of ensuring environmental safety at the international and national levels. 1.2 Determine the place and role of norms in the field of legal provision of environmental safety in marine and energy relations in the legal system.1.3 To argue the specifics of thelegal consolidation of all theinstitutions of ensuring environmental safety. . |
| 2. To differentiate the methods of analysis of the legal provision of environmental safety on the basis of a critical assessment of their effectiveness for the proposal of a set of measures in the field of marine and energy relations | 2.1.Apply methods of analyzing the conditions for the application of environmental safety standards in marine and energy relations.2.2 Interpret the conditions for the application of certain norms regulating maritime and energy relations in order to ensure environmental safety. 2.3 Analyze the specifics of the legislative consolidation of norms in the field of environmental safety in various practical situations. |
| 3. To analyze and identify the specifics of state regulation of marine and energy relations in order to ensure environmental safety. | 3.1. Classify the methods of state regulation of marine and energy relations in order to ensure environmental safety.3.2 Compare the methods of state regulation of marine and energy relations in order to ensure environmental safety.3.3 Identify the similarities and differences of state regulation and management of marine and energy relations in order to ensure environmental safety and the basis for the application of these methods |
| 4 Make recommendations on ensuring the effective application of legislation in the field of environmental safety in the field of marine and energy relations | 4.1. Develop measures to ensure legislation in the field of environmental safety in marine and energy relations. 4.2 Explain the reasons for the violation of legislation in the field of environmental safety in marine and energy relations and their elimination. 4.3 Develop plans to improve the enforcement of legislation in the field of ensuring environmental safety in marine and energy relations.  |
| 5. To evaluate the practice of legal regulation in the field of marine and energy relations in order to ensure environmental safety based on the analysis of international and national legislation and the development of specific proposals for improving the practice of its application. | 5.1 To substantiate the need for the application of legal mechanisms for regulating marine and energy relations in the field of ensuring environmental safety. 5.2 Evaluate the experience of foreign countries in regulating marine and energy relations in the field of ensuring environmental safety.5.3 Assess the possibility of applying the positive experience of foreign countries in the regulation of marine and energy relations in the field of environmental safety. |
| **Prerequisites** | International Law, Environmental law, Maritime Law, Energy Law |
| **Post requisites** |  Environmental Safety Law |
| **Information resources \*\*** | **Literature:**1. Birnie, Boyle, and Redgwell's International Law and the Environment. Fourth Edition. 2021
2. Экологическое право : учебник для академического бакалавриата / С. А. Боголюбов [и др.] ; под редакцией С. А. Боголюбова. — 6-е изд., перераб. и доп. — Москва : Издательство Юрайт, 2019. — 281 с.
3. Крассов О.И. Экологическое право: Учебник. - М.: Норма, 2018. - 528 с.
4. Rene Lefeber. Transboundary Environmental Interference and Origin of State Liability. - Kluwer Law International, 1994. – 365 p.
5. International responsibility for environmental harm. Edited by Francesco Francioni, Tullio Scovazzi. - Graham & Trotnam Ltd, 1991. - 499 p.
6. Xue Hangin. Transboundary Damage in International law. - Cambridge, 2003. - 368 p.
7. Boyle A. Liability for Injurious Consequences of Acts Not Prohibited by International Law. J. Crawford, A. Pellet & Others (eds). - The Law of International Responsibility. - Cambridge, 2010.
8. Environmental Law Second Edition Lee Godden, Jacqueline Peel, Jan McDonald. 2018// https://www.oup.com.au/books/higher-education/law/9780195522297-environmental-law
9. Environmental Code of the Republic of Kazakhstan dated 2 January, 2021 № 400-VI ЗРК.

Online resources: educational material-abstracts of lectures, as well as educational and methodological material necessary for completing homework, projects, IWMS are available on your page on the website www.univer.kaznu.kz, in the UMCD section.**Internet resources:**Internet resources1. <http://elibrary.kaznu.kz/ru>
2. <https://www.unep.org/>
3. <https://adilet.zan.kz/eng>
4. <https://www.gov.kz/memleket/entities/ecogeo?lang=en>
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| **Academic policy of the course** | The academic policy of the discipline is determined by the Academic Policy and the Policy of Academic Integrity of Al-Farabi KazNU.Documents are available on the main page of IS Univer.**Integration of science and education.** The research work of students, undergraduates and doctoral students is a deepening of the educational process. It is organized directly in the departments, laboratories, scientific and design departments of the university, in student scientific and technical associations. Independent work of students at all levels of education is aimed at developing research skills and competencies based on obtaining new knowledge using modern research and information technologies. A research university teacher integrates the results of scientific activity into the topics of lectures and seminars (practical) classes, laboratory classes and into the tasks of the IWST, IWS, which are reflected in the syllabus and are responsible for the relevance of the topics of training sessions and tasks.**Attendance.** The deadline for each task is indicated in the calendar (schedule) for the implementation of the content of the discipline. Failure to meet deadlines results in loss of points.**Academic honesty**. Practical/laboratory classes, IWMS develop the student's independence, critical thinking, and creativity. Plagiarism, forgery, the use of cheat sheets, cheating at all stages of completing tasks are unacceptable.Compliance with academic honesty during the period of theoretical training and at exams, in addition to the main policies, is regulated by the "Rules for the final control", "Instructions for the final control of the autumn/spring semester of the current academic year", "Regulations on checking students' text documents for borrowings".Documents are available on the main page of IS Univer.**Basic principles of inclusive education**. The educational environment of the university is conceived as a safe place where there is always support and equal attitude from the teacher to all students and students to each other, regardless of gender, race / ethnicity, religious beliefs, socio-economic status, physical health of the student, etc. All people need the support and friendship of peers and fellow students. For all students, progress is more about what they can do than what they can't. Diversity enhances all aspects of life.All students, especially those with disabilities, can receive advisory assistance by phone / e-mail – bitabarova@gmail.com or via video link in MS Teams (link will be provided upon request). Integration MOOC (massive open online course). If MOOC is integrated into the discipline, all students must register for MOOC. The deadlines for passing MOOC modules must be strictly observed in accordance with the schedule for studying the discipline.**ATTENTION!** The deadline for each task is indicated in the calendar (schedule) for the implementation of the content of the discipline, as well as in the MOOC. Failure to meet deadlines results in loss of points (grade). |
| **INFORMATION ON TEACHING, LEARNING AND ASSESSMENT** |
| **Score-rating****letter system of assessment of accounting for educational achievements** | **Methods of assessment** |
| **Grade**  | **The digital equivalent of grade** | **Grades in percentage**  | **Grades in traditional form**  | **Criteria-based assessment** is the process of correlating actual learning outcomes with expected learning outcomes based on clearly defined criteria. Based on formative and summative assessment.**Formative assessment** is a type of assessment that is carried out in the course of daily learning activities. It is the current measure of progress. Provides an operative relationship between the student and the teacher. It allows you to determine the capabilities of the student, identify difficulties, help achieve the best results, timely correct the educational process for the teacher. The performance of tasks, the activity of work in the classroom during lectures, seminars, practical exercises (discussions, quizzes, debates, round tables, laboratory work, etc.) are evaluated. Acquired knowledge and competencies are assessed.**Summative assessment** is a type of assessment that is carried out upon completion of the study of the section in accordance with the program of the discipline. Conducted 3-4 times per semester when performing IWS. This is the assessment of mastering the expected learning outcomes in relation to the descriptors. Allows you to determine and fix the level of mastering the discipline for a certain period. Learning outcomes are evaluated.  |
| A | 4,0 | 95-100 | Excellent  |
| A- | 3,67 | 90-94 |
| B+ | 3,33 | 85-89 | Good  |
| B | 3,0 | 80-84 | **The Formative and Summative assessments**  | **The grades in percentage**  |
| B- | 2,67 | 75-79 | Activity at lectures  | 5 |
| C+ | 2,33 | 70-74 | Work in practical classes  | 20 |
| C | 2,0 | 65-69 | Satisfactory  | Independent work of students  | 25 |
| C- | 1,67 | 60-64 | Project activity  | 10 |
| D+ | 1,33 | 55-59 |  | Final control (exam)  | 40 |
| D | 1,0 | 50-54 | TOTAL  | 100  |
| FX | 0,5 | 25-49 | Unsatisfactory |  |  |
| F | 0 | 0-24 |  |  |  |
| **CALENDAR (SCHEDULE) THE IMPLEMENTATION OF THE COURSE. THE TEACHING AND LEARNING METHODS.**  |

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| week | Topic name | Number of hours | Max.score |
| **Module 1** **General provisions of the legal support of environmental safety in the field of marine and energy relations**  |
| 1 | **Lec 1.** The conceptual foundations of legal support of environmental safety in the field of marine and energy relations | 1 |  |
| 1 | **Sem 1.** Discuss the concept of legal support of environmental safety in the field of marine and energy relations | 2 | 7 |
| 2 | **Lec 2.** To reveal the sources of international legal regulation of ensuring environmental safety in the field of marine and energy relations | 1 |  |
| 2 | **Sem 2.** To discuss the sources of international legal regulation of ensuring environmental safety in the field of marine and energy relations | 2 | 7 |
| 3 | **Lec 3.** To reveal the system of national legal regulation of ensuring environmental safety in the field of marine and energy relations | 1 |  |
| 3 | **Sem 3.** To reveal the concept and essence of the system of national legal regulation of ensuring environmental safety in the field of marine and energy relations | 2 | 7 |
| 4 | **Lec 4.** To reveal the principles of legal provision of environmental safety in the field of marine and energy relations | 1 |  |
| 4 | **Sem 4.** Discussion of the problems of implementing the principles of legal provision of environmental safety in the field of marine and energy relations | 2 | 7 |
| 4 | **IWMST 1. Consultation on the implementation of the IWMS 1.**  |  |  |
| 4 | **IWMS 1. Stockholm Declaration (1972) and Rio Declaration (1992) on environment and development. The role of these declarations in formation of international environmental legislation and their implementation into Azerbaijan and Kazakhstan legislation (presentation)** |  | 10 |
| 5 | **Lec 5.** To reveal the problems of public administration in the field of environmental safety in the Republic of Kazakhstan and the Republic of Azerbaijan | 1 |  |
| 5 | **Sem 5.** To discuss the problems of public administration in the field of environmental safety in the Republic of Kazakhstan and the Republic of Azerbaijan | 2 | 7 |
| 5 | **IWMST 2. Consultation on the implementation of the IWMS 2** |  |  |
| 5 | **IWMS 2. The legal regulation of ensuring the environmental safety under Kazakhstani and Azerbaijan legislation (table)** |  | 20 |
| **Module 2**  **Legal instruments for ensuring environmental safety in the field of marine and energy relations** |
| 6 | **Lec 6.** To reveal the legal regulation of environmental regulation (нормирование) and assessment | 1 |  |
| 6 | **Sem 6.** Discuss the legal regulation of environmental regulation and assessment | 2 | 7 |
| 7 | **Lec 7.** To disclose environmental expertise and permits as a tool for ensuring environmental safety in the field of marine and energy relations | 1 |  |
| 7 | **Sem 7.** Discuss environmental expertise and permits as a tool for ensuring environmental safety in the field of marine and energy relations | 2 | 8 |
| 7 | **IWMST 3. Consultation on the implementation of the IWMS 3.**  |  |  |
| 7 | **IWMS 3. Subsoil use in the Caspian Sea and Environmental Law (report)** |  | 20 |
|  |  **LEVEL CONTROL 1** |  | **100** |
| 8 | **Lec 8.** To discuss the problems of legal responsibility for environmental offenses | 1 |  |
| 8 | **Sem 8.** To reveal the features of legal responsibility for environmental offenses | 2 | 5 |
| 9 | **IWMST 4 Consultation on the implementation of IWMS 4.** |  |  |
| 9 | **IWMS 4.** T**he mechanisms of compensation for environmental damage (presentation)** |  | 20 |
| 9 | **Lec 9.** To discuss the legal problems of economic regulation of environmental protection | 1 |  |
| 9 | **Sem 9.** The content of economic instruments for environmental protection | 2 | 5 |
| 10 | **Lec 10.** Case study in environmental disputes. Judicial and non- judicial practice. | 1 |  |
| 10 | **Sem 10.** Case study in environmental disputes. Judicial and non- judicial practice. | 2 | 5 |
|  | **Module 3 The international cooperation in the field of ensuring environmental safety in the field of marine and energy relations** |  |  |
| 11 | **Lec 11.** To consider the problems of environmental and legal requirements for the protection and preservation of the marine environment | 1 |  |
| 11 | **Sem 11.** To discuss the specifics of environmental and legal requirements for the protection and preservation of the marine environment | 2 | 5 |
| 12 | **Lec 12.** To discuss the environmental and legal requirements for exploration and production at sea, inland waters and in the protective zone of the Republic of Kazakhstan | 1 |  |
| 12 | **Sem 12.** To discuss the environmental and legal requirements for exploration and production at sea, inland waters and in the protective zone of the Republic of Kazakhstan | 2 | 5 |
| 13 | **Lec 13.** Conserve and sustainably use the oceans, seas and marine resources for sustainable development | 1 |  |
| 13 | **Sem 13.** Conserve and sustainably use the oceans, seas and marine resources for sustainable development | 2 | 5 |
| 13 | **IWMST 5. Consultation on the implementation of the IWMS 5.** |  |  |
| **13** | **IWMS 5.** **To discuss the environmental and legal requirements for exploration and production at sea, inland waters and in the protective zone of the Republic of Kazakhstan** |  | 20 |
| 14 | **Lec 14** Urgent action to combat climate change and its impacts”. | 1 |  |
| 14 | **Sem 14.** Urgent action to combat climate change and its impacts”. | 2 | 5 |
| 15 | **IWMST 6. Consultation on the implementation of the IWMS 6.** |  |  |
|  | **IWMST 6. International Judicial practice of applying environmental legislation (report – case study).** |  | 20 |
| 15 | **Lec 15** The international cooperation in the field of ensuring environmental safety in the field of marine and energy relations | 1 |  |
| 15 | **Sem 15.** To discuss the problems of international cooperation in the field of ensuring environmental safety in the field of marine and energy relations | 2 | 5 |
| 15 | **IWMST 7 Consultation on examination issues** |  |  |
| 15 |  **LEVEL CONTROL 2** |  | **100** |
|  | **Final control (verbal exam)** |  | **100** |
|  | **TOTAL for the course**  |  | **100** |

**SUMMATIVE ASSESSMENT RUBRICATOR**

**CRITERIA FOR EVALUATING RESEARCH RESULTS**

**The environmental and legal requirements for exploration and production at sea, inland waters d in the protective zone of the Republic of Kazakhstan**

 **written assignment (25% out of 100%)**

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| Criteria | **«very good»**  20-25 %  | **«good»** 15-20%   | **«satisfactory»** 10-15% | **«unsatisfactory»** 0-10% |
| Understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector | Deep understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector Relevant and appropriate references (citations) to primary sources are provided. | Understanding the concept of environmental and other legal requirements to the activities in the field of maritime and energy sector. Relevant and appropriate references (citations) to primary sources are provided. | Limited understanding of concept of environmental and other legal requirements to the activities in the field of maritime and energy sectorRelevant and appropriate references (citations) to primary sources are partly provided. | Superficial understanding\Misunderstanding concept of environmental and other legal requirements to the activities in the field of maritime and energy sector.Relevant and appropriate references (citations) to primary sources are not provided. |
| understanding of the main issues of environmental and other legal requirements to the activities in the field of maritime and energy sector | Comparison of environmental legislation is well connected. Excellent support of arguments based on empirical research data (e.g., comparative legal or statistical analysis). | Comparison of environmental legislation. The arguments are supported by empirical research data. | Limited comparison of environmental legislation, relationship is limited.Limited use of empirical research data. | There is little or no correlation in comparing of environmental legislation.There is little or no empirical research. |
| Policy proposal or practical recommendations | Offers competent political and/or practical recommendations and proposals for the development of environmental legislation in Kazakhstan. | It offers some policy and/or practical proposals and proposals for the development of environmental legislation in Kazakhstan. | Limited policy and practical recommendations for the development of environmental legislation in Kazakhstan. Recommendations are not based on thorough analysis and are superficial | There are practically no political and practical recommendations for the development of environmental legislation or recommendations of very low quality. |
| Written, APA style   | Writing in the APA style demonstrates clarity, precision, and accuracy. APA style is strictly adhered to. | There are some basic errors in the letter, and clarity needs to be improved. Following the APA style has its features.  | The writing demonstrates clarity, precision and accuracy. Mainly follows APA style.  | The writing is unclear, the content is hard to catch. There are no following the APA style. |

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