




SYLLABUS
of the discipline
«INTEGRATED SYSTEM OF ECONOMIC SECURITY OF AIR
TRANSPORT»
Speciality: 051 Economics
Field of knowledge: 05 Social and behavioural sciences

Level of higher education	third (educational and scientific) level
Discipline status	Academic discipline of the elective component from the cycle of free choice of a graduate student
Semester	4 (fourth) semester
The scope of the discipline, ECTS credits/hours	5.0 ECTS credits/150 hours
Language of	Ukrainian
What will be studied (subject of study)	The place and role of economic security in determining the criteria, establishing the required level, analysing and developing a set of measures to maintain the required level of aviation security in the context of European integration into the international economic space. The peculiarities of the tasks and functions of the main subjects of aviation activity, the systemic nature of their interaction in the process of ensuring and performing aviation operations and transportation, and maintaining an appropriate level of aviation safety in the conditions of post-war reconstruction of the Ukrainian economy. Economic relations between aviation entities and their impact on the state of economic security of aviation transport. The state system of regulation of the state of economic security of aviation transport entities as an important component of aviation security in the context of European economic integration. Study of problems of improving methods of assessing the state of economic security through an integrated approach to maintaining the proper state of aviation security, development of scientifically sound recommendations as a prerequisite for post-war reconstruction.
Why it is interesting/necessary to study (purpose)	The course is aimed at mastering a set of theoretical knowledge and practical skills regarding the functioning of aviation entities, their interaction, including in the air transport market in the context of European economic integration, the impact of the results of their economic activities on the state of economic security and aviation security in general, the composition, role and functions performed by the main business entities in the field of aviation in the context of post-war economic reconstruction, and the regulation of their security by regulatory acts.
What can be learnt (learning outcomes)	To have advanced conceptual and methodological knowledge in economics and on the boundaries of subject areas, as well as research skills sufficient to conduct scientific and applied research at the level of the latest world achievements in the relevant field, to obtain new knowledge and/or implement innovations (PLO 01). To formulate and test hypotheses; use appropriate evidence to substantiate conclusions, in particular, the results of theoretical analysis, experimental

	<p>studies (surveys, observations, etc.) and economic and mathematical modelling (PLO03).</p> <p>To apply modern tools and technologies for searching, processing and analysing information, in particular, statistical methods for analysing large and/or complex data, specialised databases and information systems (PLO 06).</p> <p>To develop and implement scientific and/or innovative projects that make it possible to rethink existing and create new holistic knowledge and/or professional practice and solve significant scientific and technological problems of the economy in compliance with the norms of academic ethics and taking into account social, economic, environmental and legal aspects (PLO07).</p> <p>To build a sound system of indicators as the basis for scientific research; use economic and mathematical methods and models in the process of scientific research; forecast economic processes represented by dynamic series; approximation of interrelated economic processes; model aggregates of economic objects and their behaviour in an unstable environment (PLO 12).</p>
<p>How to use the acquired knowledge and skills (competences)</p>	<p>Ability to solve complex problems in the field of professional and/or research and innovation activities in the field of economics, which involves a deep rethinking of existing and creation of new holistic knowledge and/or professional practice (IC).</p> <p>Ability to think abstractly, analyse and synthesise (GC01).</p> <p>Ability to search, process and analyse information from various sources (GC02).</p> <p>Ability to work in an international scientific context (GC03).</p> <p>Ability to assess and manage opportunities to mitigate hazards through the formation of proactive solutions in the international science-oriented digital space (GC08)</p> <p>Ability to perform original research, achieve scientific results that create new knowledge in the theory and practice of the transformational economy and related interdisciplinary areas of finance, insurance, marketing and related fields that can be published in monographs, scientific professional publications of Ukraine included in international scientometric databases and foreign publications (SC01).</p> <p>Ability to initiate, develop and implement complex innovative research projects in the field of economics and related interdisciplinary projects, apply modern methods of scientometrics and leadership in their implementation (SC06).</p> <p>Ability to have a systematic scientific outlook, general cultural outlook, application of modern methodologies and methods of scientific activity in the speciality (SC08).</p> <p>Ability to independently generate creative ideas, perform original scientific research and implement its innovative results in professional practice, taking into account the peculiarities of human behaviour in professional, scientific and teaching activities (SC12)</p>
<p>Educational logistics</p>	<p>Content of the discipline: The concept and purpose of activities to ensure an adequate level of economic security as an important component of aviation security. Establishing criteria and the required level of economic security. Determination of the existing level of economic security. State body for state regulation of aviation safety. Use of the airspace of Ukraine.</p>

	<p>Components of aviation safety and the system of regulatory and legal regulation. Certification of aviation entities. Organisation and procedure for the use of Ukrainian airspace and liability for violation of the procedure for its use. Maintenance and management of air traffic. Payment for air navigation services. The procedure for registration of aircraft. Requirements for establishing airworthiness. The procedure for performing aircraft flights. Composition of and requirements for aviation personnel and aircraft crew. Composition, operation of aerodromes, their state registration and certification. The economic mechanism of airports, airfield and airport operators. Peculiarities of airport property management. Ground handling services. Procedure for charging and receiving payment for airport services. Environmental protection as a component of aviation safety. Organisation of aviation security and its maintenance. Procedure for the sale of air transportation. Ensuring the rights of passengers to compensation. Composition and peculiarities of aviation works. Aviation insurance. Investigation of aviation accidents.</p> <p>Classes: lectures, practical classes.</p> <p>Teaching methods: in-class discussion, online.</p> <p>Forms of study: full-time, distance learning.</p>
<p>Prerequisites</p>	<p>Courses: Economic Security of Commercial Activities of Airline Companies, Regulation of Safety of Air Transport Activities.</p>
<p>Prerequisites</p>	<p>Knowledge of the problems of ensuring a comprehensive system of economic security of civil aviation entities can be used when writing a research paper.</p>
<p>Information support from the repository and collection of the STL NAU</p>	<p>Науково-технічна бібліотека НАУ:</p> <ol style="list-style-type: none"> 1. Ареф'єва О.В., Андрієнко М. М., Кравченко О. Р. Управління фінансовим потенціалом підприємства. Економіка та суспільство. 2019. URL: http://www.economyandsociety.in.ua/journal-18/25-stati-18/2243-aref-eva-o-v-andrienko-m-m-kravchenko-o-r 2. Ареф'єва О.В. Закономірності інтелектуалізації управління підприємством на основі розвитку бізнес-моделей. <i>Problems of Economy</i>. 2019. Вип.4. С. 111-119. 3. Ареф'єва О.В., Мягих І. М., Коваленко Н. Ю., Жам О. Ю., Попова Г. Ю. Механізм управління процесом забезпечення конкурентоспроможності підприємства в умовах інформатизації економічних процесів. <i>Фінансово-кредитна діяльність: проблеми теорії та практики</i>. 2021. № 1. С. 302-310. 4. Ареф'єва О. В., Пілецька С. Т., Заболотна Д. В. Стратегічні ресурси забезпечення економічного потенціалу в контексті інтеграційно-диверсифікаційного розвитку підприємства. <i>Бізнес Інформ</i>. 2020. №11. С. 398–404. https://doi.org/10.32983/2222-4459-2020-11-398-404 5. Ареф'єва О.В., Пілецька С.Т. Кравчук Н.М. Адаптивне управління фінансовою стійкістю підприємства при забезпеченні його економічної безпеки. <i>Проблеми системного підходу в економіці</i> : зб. наук. праць. К. : НАУ, 2020. Вип. 1(75). Ч. 1 170 с. С. 80–90. DOI: https://doi.org/10.32782/2520-2200/2020-1-12 6. Ареф'єва О.В., Пілецька С.Т., Лістрова М.С. Економічний потенціал розвитку підприємства в системі управління його безпекою. <i>Економіка та суспільство</i>. 2022. Випуск № 44. DOI: https://doi.org/10.32782/2524-0072/2022-44-3 URL : https://www.economyandsociety.in.ua/index.php/journal/article/view/1791/1726.

7. Ареф'єва, О., Сімкова, Т., & Жураківський, В. Стратегічний розвиток авіатранспортних підприємств в конкурентних умовах. *Економіка та суспільство*, (2022). (44). <https://doi.org/10.32782/2524-0072/2022-44-68>
8. Васюткіна Н. В., Смірнова А.С. Формування стратегічних орієнтирів забезпечення економічної безпеки підприємства як засобу підвищення конкурентоспроможності. *Бізнес-інформ*, 2022 , № 09, с. 53-59 <https://doi.org/10.32983/2222-4459-2022-9-53-59>
9. Мних О.Б. Експортна стратегія і тренди розвитку маркетингової діяльності підприємства в умовах відкритої економіки України. *Логістика*. Вид-во НУ «Львівська політехніка», 2018. № 892. С.262-271.
10. Пілецька С.Т., Коритько Т.Ю., Кравчук Н.М. Механізм забезпечення економічної безпеки підприємства Науковий журнал. *Вісник економічної науки України*. №1 (42). 2022. С.64–68. DOI: [https://doi.org/10.37405/1729-7206.2022.1\(42\).64-69](https://doi.org/10.37405/1729-7206.2022.1(42).64-69)
11. Пілецька С. Т., Коритько Т. Ю., Храпач В. О. Управління фінансовою стійкістю підприємства в контексті забезпечення економічної безпеки в умовах посилення інтеграційних процесів в економіці. *Бізнес Інформ*. 2020. №12. С. 245–251. URL: <https://doi.org/10.32983/2222-4459-2020-12-245-251>
12. Пілецька С.Т., Коритько Т.Ю., Ткаченко Є.В. Модель інтегральної оцінки економічної безпеки підприємства. *Економічний вісник Донбасу*. №3(65) 2021. С. 56 – 65.
13. Пілецька С.Т., Ткаченко Є.В. Формування стратегії інноваційного розвитку підприємства. *Економічні студії*. Випуск 1 (27) березень 2020 р. С.146 – 151.
14. Прохорова В., Чобіток В. Потенціал як стратегічний ресурс забезпечення економічної безпеки підприємств. Інноваційні платформи управління економічними процесами в умовах цифровізації економіки : кол. мон. за ред. д.е.н., проф. Прохорової В. В. Х.: Видавництво Іванченка І. С., 2020. - с 237.-116-244.
15. Сафонік Н.П., Дудік А.О. Особливості формування системи економічної безпеки авіапідприємств в умовах трансформаційних перетворень. *Економіка та суспільство*. 2022. №45.
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17. Смерічевський С.Ф., Ареф'єва О. В., Пілецька С. Т. Формування стратегічних рішень при управлінні змінами на підприємстві. *Бізнес Інформ*. 2022. №6. С. 108–117. URL : <https://doi.org/10.32983/2222-4459-2022-6-108-117>.
18. Arefiev Serhii, Miahkykh Iryna, Piletska Samira, Sopilko Iryna. (2019) Inflation processes as determinants of development of the economic activity subjects: economic and legal aspects. Fifteenth Scientific and Practical International Conference “International Transport Infrastructure, Industrial Centers and Corporate Logistics” (NTI-UkrSURT 2019) Volume 67. p. 7. URL: <https://doi.org/10.1051/shsconf /2019670400 1>
19. Bijańska J., Kuzior A., Wodarski K. (2018). Social Perception of Hard Coal Mining in Perspective of Region's Sustainable Development. *Management Systems in Production Engineering*, 26(3), 178-183. DOI:

	<p>10.1515/mspe-2018-0029</p> <p>20. <u>Bolewski A. Piletska S.</u> Topical issues in analysis of the innovative potential of enterprises. Abstracts II International scientific-practical conference "Economic and business administration development: scientific currencies and solutions". October 21, 2021. Tom 2. K. : NAU, 2021. 10-12 P. URL: https://dspace.nau.edu.ua/handle/NAU/53340</p> <p>21. Korytko T., Bryl I., Piletska S., Arefiev S., Arefieva O. Strategy of innovative development of an enterprise on the basis of evaluation of its intellectual capital. Scientific Bulletin of National Mining University . 2021, Issue 3, p134-141. 8p.</p> <p>22. Kuzior, A.; Arefiev, S., Poberezhna, Z. (2023). Informatization of innovative technologies for ensuring macroeconomic trends in the conditions of a circular economy. Journal of Open Innovation: Technology, Market, and Complexity, 9 (1), 10-20. https://doi.org/10.1016/j.joitmc.2023.01.001</p> <p>23. Kwilinski, A., Slatvitskaya, I., Dugar, T., Khodakivska, L., & Derevyanko, B. (2020). Main effects of mergers and acquisitions in international enterprise activities. International Journal of Entrepreneurship, 24(Special Issue: Entrepreneurship, Innovation Management and Sustainability), 1-8. Retrieved from URL: https://www.abacademies.org/articles/Main-Effects-of-Mergers-and-Acquisitions-in-International-Enterprise-Activities.pdf</p> <p>24. Piletska S., Arefiev S. The mechanism of corporate management of the enterprise financial capacity. <u>JOURNAL OF CORPORATE RESPONSIBILITY AND LEADERSHIP</u>. Vol. 7, issue 4, 2020. pp.43–58. http://jcr.umk.pl/journal/archive</p> <p>25. Shumilo O., Babenko V., Liubokhynets L., Volovelska I., Arefieva O. (2021). <u>Method of enterprise economic security evaluation</u>. Special Issue: Impact of Current Trends in Social Commerce, Economics, and Business Analytics. Vol. 39 No. 7. URL: https://ojs.ual.es/ojs/index.php/eea/article/view/4998</p>
Location and logistical support	Classroom for theoretical training, projector, auxiliary analytical software
Semester control, examination methodology	Credit, tasks, questions, testing, business games.
Department	Department of Economics of air transport
Faculty	Faculty of Economics and business administration
Lecturer(s)	 <p>OLENA V. AREFIEVA Position: Head of the Department Academic title: professor Academic degree: doctor of Economics Lecturer's profile: http://feba.nau.edu.ua/details-menu/47-kafedra-</p>

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Originality of the discipline	The author's course
Link to the discipline	

Guarantor of the program

Olena AREFIEVA

Developer

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