

ISMA  
ANNO 1994



ISMA University of Applied Sciences

*Scientific and pedagogical internship*

# Methods of teaching physics and mathematics disciplines in higher education institutions

*November 4 – December 15, 2024*

Riga, the Republic of Latvia

Workload of the internship has **6 credits ECTS (180 hours)** and distributed 6 hours each day for 6 business weeks.

Every internship participant receives ***a certificate*** of completion of a scientific and pedagogical internship (in two languages with the specification of the hourly program) and ***a printed collection of abstracts.***

Academic staff of higher education institutes, research associates of scientific establishments, doctoral candidates, postgraduate students, applicants, students, who have or obtain physical and mathematical education, are invited to participate in the internship.

The certificate of completion is a document confirming completion of the scientific and pedagogical internship in a scientific institute of EU country and which is necessary for obtainment of academic rank of Associate Professor, Professor and Senior Research Fellow, according to paras. 2.1, 2.2, 2.3, 2.5, 2.7 of Procedure for awarding degrees to academic staff (given the latest amendments under the Order of the MES of Ukraine No. 322 dated 17.03.2021) as well as for licensing and accreditation of educational services.



**Form of participation:** distant.

**Language:** Latvian, English, Ukrainian.

### **Head of Organising Committee**

**Romans Djakons** – Dr.sc.ing., Professor, Academician, Chairman of the Board of ISMA University of Applied Sciences.



### **Academic integrity**

The Organizing Committee guarantees high-quality anonymous peer-review of each contribution. All internship abstracts are subject to checking for plagiarism using StrikePlagiarism.com by the Polish company Plagiat.pl.

### **Registration Procedure**

1) participants should **fill in an application form** and send abstracts meeting the scope of activities at an education or research institution of Ukraine to **phm@cuesc.org.ua** **before October 31, 2024 (inclusively)**;

2) send a scanned copy of payment confirmation of the organizing fee after receiving payment details.

**RE: FOR INTERNSHIP IN PHYSICAL AND MATHEMATICAL SCIENCES.**

Participation in the scientific and pedagogical internship without research and methodological report is impossible.

**On January 6, 2025**, the collection of abstracts and certificates will be sent to the participants at the postal addresses indicated in the form.

### **Zoom lecture**

English Zoom lecture is planned under the framework of the internship.

All participants of the internship receive a link to the online lecture after covering the internship fee. The lecture will be saved.

Date and time: **26 November, 10:00 (Kyiv time)**.

**Topic:** “Perspectives on Education in the Digital Age”.

**Speaker:** Viktoriia Riashchenko, Dr.oec, prof., expert of academy science of Latvia, director of the study program Business administration of ISMA University of Applied Sciences.



### **Prohibition on using the aggressor state's scholarly papers**

Languages: Ukrainian, English, and Latvian. It is prohibited citing and including in the reference list Russian-language publications published in any country, including papers written in other languages but published in russia and belarus.

### **Requirements for Abstracts**

*Pay attention to the fact that the topic of the scientific and methodological report should concern the peculiarities of specialists in the field of physical and mathematical, the system of higher education in Ukraine and the EU, the formation of knowledge and skills of specialists in the field of physical and mathematical etc.*

- Volume – from 2 to 5 pages A-4 exercised in Microsoft Word for Windows 2000, 2003, 2007; 2010; 2015; 2019.

- Type font – Times New Roman, size – 14; line spacing – 1,5; first line indent – 1,25 cm; fields – 2 cm.

- Sequence of materials in abstracts: title (capital letters, font – semi-bold); author’s surname and initials (font – semi-bold); academic degree, rank (if any), post, place of employment (study); text.

- A file should be titled in accordance with participant’s surname and initials (for example: Stetsenko L.P.\_abstracts).

- References (without repetitions) are at the bottom of the text taking into account the National Standard of Ukraine DSTU 8302: 2015 “Information and documentation. Bibliographic reference.

General principles and rules of composition”. Citations in the text should be marked with numerical order of a source according to the list and page (pages) number, for example [5, p. 26].



### **Representative Office in Ukraine**

Center for Ukrainian and European Scientific Cooperation  
(according to signed international cooperation agreement with ISMA University of Applied Sciences)

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**Facebook:** [facebook.com/cuescinfo](https://facebook.com/cuescinfo)

**YouTube:** [youtube.com/cuescinfo](https://youtube.com/cuescinfo)



## **Example of Abstract**

### **Вибір методичних підходів для дистанційного навчання фізико-математичних дисциплін в умовах закладу вищої освіти**

**Стеценко Л. П.**

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м. Запоріжжя, Україна

У зв'язку з глобальною інформатизацією і входженням української вищої школи в міжнародний освітній простір актуалізуються проблеми підготовленості викладачів закладів вищої освіти до реалізації дистанційного навчання, розробки відповідного навчально-методичного забезпечення, а також готовності студентів навчатися в умовах дистанційної освіти [1, с. 224].

<...>

#### **Література:**

1. Биков В.Ю. Моделі організаційних систем відкритої освіти: монографія. К. : Атіка, 2008. 684 с.