INFORMATION REFERENCE

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| **Full name of the discipline** | *Information systems and technologies in entrepreneurship* |
| **Type of discipline** | *selective* |
| **Semester** | *2* |
| **Number of ECTS credits** | *5* |
| **Level of higher education** | *second (master's)* |
| **Educational programme** | *Entrepreneurship, trade and exchange activity* |
| **Language of instruction, teaching** | *Ukrainian* |
| **ESI/faculty** | *ESI of Economics and Management* |
| **Department** | *Entrepreneurship and business-administration* |
| **Name of lecturer(s)** | *PhD, Associate Professor.**Bredikhin Volodymyr* |
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**The purpose of the discipline:** to provide knowledge on issues of technology in business activity and in-depth mastery of modern conceptual provisions of modeling business activity

**Interdisciplinary connections:** knowledge about the use of information systems and technologies in business activities, formation of the business model of the enterprise.

**Contents:**

1. The role and place of information systems and technologies in business activity.

2. Systems for creating business plans and analyzing the effectiveness of investment projects.

3. Instrumental means of modeling business activity.

[**Programme learning outcomes**](https://context.reverso.net/%D0%BF%D0%B5%D1%80%D0%B5%D0%B2%D0%BE%D0%B4/%D0%B0%D0%BD%D0%B3%D0%BB%D0%B8%D0%B9%D1%81%D0%BA%D0%B8%D0%B9-%D1%83%D0%BA%D1%80%D0%B0%D0%B8%D0%BD%D1%81%D0%BA%D0%B8%D0%B9/Programme%2BLearning%2BOutcomes)**:** SLO 5. To be able to effectively use modern automated information systems and technologies in a business organization, to choose rational directions of informatization of business activity.

**Learning outcomes:**

Know the principles and methods of using information systems and technologies in business activities.

To be able to distinguish the composition of informatization tools that provide information needs of business activity.

Be able to analyze the effectiveness of investment projects.

The ability to make professional and informed decisions in the process of modeling entrepreneurial activity.

**Teaching methods:** verbal, visual, practical; explanatory-illustrative, reproductive, heuristic, research-based, problem-based; discussion, presentation, interactive team work, online board work, project-based approach.

**Methods of control and the procedure for assessing learning outcomes:**

Current control methods:

- oral or written survey;

- performance of written tasks (practical tasks, works);

- testing in a virtual educational environment on the MOODLE platform;

- solving cases, problem situations (practical situations);

- listening to reports on self-studied topics following presentations;

- business games.

Methods of modular control (by content modules):

- testing;

- reviews, etc.

Methods of final semester control:

Final control – an exam (in a virtual educational environment on the MOODLE platform based on control tasks or tests), which includes:

1 theoretical question (essay);

1 practical task or case;

10 test questions on the Moodle platform.

**Material and technical and information support:**

**Recommended literature and information resources**

1. A.V. Anisimov Information systems and databases: Study guide for students of the faculty of computer sciences and cybernetics. / Anisimov A.V., Kulyabko P.P. Kyiv. -2017. -110 p.

2. Information systems and technologies at enterprises - Pleskach V.L. [electronic textbook] <https://westudents.com.ua/knigi/210-nformatsyn-sistemi-tehnologi-na-pdprimstvah-pleskach-vl.html>

3. T. V. Ratushnyak Information systems and technologies: workshop: study guide / T. V. Ratushnyak, V. O. Nizhegorodtsev, O. V. Gladchenko. – Irpin: University of the Federal State of Ukraine, 2022. – 180 p.

4. V. M. Varenko Information products, services, market: education. manual / Varenko V.M., Borysenko S.A. — Kyiv: Talkom, 2021. — 188 p.

5. V.I. Pokotilova The use of information technologies in the theory of decision-making: training. manual / Pokotilova V.I., Fomishina V.M. — Kyiv: Helvetica, 2019. — 240 p.

**Hardware, equipment, software products**

Microsoft Office 365 is available over the Internet using cloud technologies.