



E-FINANCE Syllabus

Basic information

Field of study Finance and Accounting for Business		Didactic cycle 2024/25	
Speciality -		Subject code EKOFABS.L10.1381.24	
Organizational unit School of Undergraduate and Graduate Studies		Lecture languages English	
Study level undergraduate studies		Mandatory Elective	
Study form full-time		Block Free choice electives	
Education profile general academic		Department responsible for the subject Department of Informatics and International Accounting	
		Subject related to scientific research No	
		Subject shaping practical skills No	
Coordinator	Monika Eisenbardt		
Teacher	Monika Eisenbardt		
Period Semester 5	Form of teaching, number of hours and method of examination • lecture: 15, Credit with grade	Number of ECTS points 3	
Sustainable Development Goals	IT literacy		

Goals

Code	Goal
C1	Presentation of specialized knowledge regarding the application of the Internet and online tools in business and finance.
C2	Development of skills in using the Internet in business and finance.
C3	Cultivation of social competencies related to the application of the Internet in business and finance.

Recommended requirements

Subject's learning outcomes

Code	Outcomes in terms of	Major learning outcomes for the subject	Examination methods
Knowledge:			
W1	The student has knowledge of e-finance, e-products, and e-services. They are knowledgeable about how ICT and social media can be utilized in businesses.	FAB.L_W01	End-of-course assessment - group project
Skills:			
U1	The student is able to apply ICT and social media for the needs of financial institutions. They can independently propose solutions for implementing ICT and social media in financial institutions.	FAB.L_U03	End-of-course assessment - group project
Social competences:			
K1	The student understands the need for lifelong learning arising from continuous development in ICT and the Internet. They can organize teamwork aimed at planning, implementing, and applying e-solutions for financial institutions. Additionally, they are capable of continuously supplementing and improving their knowledge and skills related to ICT and the Internet.	FAB.L_K02	End-of-course assessment - group project

Study content

No.	Course content	Subject's learning outcomes	Activities
1.	1. E-Business - Strategies, Relationships, Models, Benefits, Barriers 2. Types of E-Services and E-Financial Products 3. ICT and Financial Services and Products - Planning, Designing, Implementing, and Applying 4. Social Media in Enterprises 5. Cryptocurrencies 6. Case Studies in E-Finance	W1, U1, K1	lecture

Additional information

Activities	Methods of conducting classes	
lecture	Lecture using multimedia techniques, Lecture using case studies	
Activities	Examination method	Percentage
lecture	End-of-course assessment - group project	100%
Activities	Credit conditions	
lecture	Students are engaged in two projects: 1) On consumer-business relationships; 2) On the cryptocurrency market.	

Literature

Obligatory

1. Tapscott D., Tapscott A. Blockchain Revolution. Penguin Books, 2018.
2. Eisenhardt M., Eisenhardt T. (2022). Sources of Knowledge About Cryptocurrencies: Polish Students Perspective. European Conference on Knowledge Management 23(1), 335-344.
3. Eisenhardt, M. & Eisenhardt, T. (2023). Can Cryptocurrencies Be Feasibly Adopted as a National Currency? The Perspective of the Younger Generation. European Research Studies Journal, 26(2), 467-485. DOI: 10.35808/ersj/3182

Optional

1. Ziemia, E., Eisenhardt, M., Mullins, R. & Dettmer, S. (2022). Consumer engagement in business process innovation-ICT companies cases from Poland and UK. Journal of Computer Information Systems, 62(2), 302-315. Published online: 11 Sep 2020. <https://doi.org/10.1080/08874417.2020.1808865>
2. Ziemia E.W., Eisenhardt M., Mullins R., Dettmer S. (2019). Prosumers' engagement in business process innovation- the case of Poland and the UK. Interdisciplinary Journal of Information, Knowledge, and Management 14, 119.
3. A. Piotrowska: Bitcoin. Płatnicze i inwestycyjne zastosowania kryptowaluty. Wyd. CeDeWu, Warszawa, 2018.

Calculation of ECTS points

Activity form	Activity hours*
lecture	15
Literature study	20
Analysis of lecture notes	10
Preparation of the end-of-course assessment - group project	45
Student workload	Hours 90
Number of ECTS points	ECTS 3

* hour means 45 minutes

Major learning outcomes for the subject

Code	Content
FAB.L_K02	Recognizes the importance of knowledge in finance and accounting when solving cognitive and practical problems and is ready to consult experts in case of difficulties in solving them independently.
FAB.L_U03	Can participate in a debate on finance and accounting issues - provide and evaluate different opinions and standpoints and then discuss them.
FAB.L_W01	Knows and understands to an advanced degree selected facts, phenomena and processes affecting the activities of real and financial entities, as well as the methods and theories explaining the complex interrelationships between them, including the principles of incorporating the effects of economic activity into accounting systems, constituting basic general knowledge of the disciplines of economics and finance, and selected issues of management and quality sciences.