NAME OF THE COURSE	RISK MANAGEMENT					
Code	EUBB19	Year of study	3 rd			
Course teacher	Marijana Ćurak, Full Professor; Sandra Pepur, Assistant Professor	Credits (ECTS)	5			
Associate teachers	Dujam Kovač, M.Econ	Type of instruction (number of hours)	L	S	E	F
			26		26	
Status of the course	Compulsory	Percentage of application of e-learning	20%			

COURSE DESCRIPTION

Course objectives	Provide knowledge for risk exposure assessment, measurement of risk and selecting optimal risk management method for both financial and non-financial businesses.
Course enrolment requirements and entry competences required for the course	Requirements for the course enrolment are regulated by the Statute of the Faculty of Economics, Business and Tourism and by the Rulebook of study programs and studying system.
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	Course learning outcome: 1. Analyse risks and identify risk management methods of both financial and non-financial companies. Particular learning outcomes: 1. Identify risk and phases of risk management process. 2. Differentiate methods of risk identification and quantification. 3. Determine advantages and disadvantages of hazard risk management methods. 4. Differentiate tools of financial risk management. 5. Identify features of methods for managing operational/strategic risks.

Course content broken down in detail by weekly class schedule (syllabus)

Lectures		Exercises	
Topics	Hours	Topics	Hours
Risk and uncertainty. Risk of non-financial and financial businesses.	2	Types of risk – examples.	2
Risk management – aims, benefits and costs. Enterprise risk management (ERM).	2	Risk management development. Case study - ERM.	2
Risk identification. Risk measurement. Risk prioritization.	2	Risk identification and quantification.	2
Pooling and diversification strategy.	2	Pooling and diversification.	2
Methods of risk control and risk financing.	2	Examples of risk control and risk financing.	2
Insurance - method of risk transfer.	2	Case studies - Types of insurance. Seminar paper presentation.	2

	Alternative risk transfer (ART) – insurance pools and non-traditional insurers, hybrid products and financial instruments.	2	Examples of alternative risk transfer (ART). Seminar paper presentation.	2
	Credit risk exposure. Methods of credit risk management.	2	Credit risk management. Seminar paper presentation.	2
	Liquidity risk management.	2	Liquidity risk management. Seminar paper presentation.	2
	Management of interest rate risk.	2	Management of interest rate risk. Seminar paper presentation.	2
	Derivatives as tools of risk management: forwards, futures, options, swaps.	2	Examples of forwards, futures, options and swaps transitions. Seminar paper presentation.	2
	Operational risk management.	2	Operational risk management. Case study. Seminar paper presentation.	2
	Strategic risk management.	2	Strategic risk management. Case study. Seminar paper presentation.	2

Format of instruction	☑ lectures ☑ seminars and workshops ☑ exercises ☐ *on line* in entirety ☐ partial e-learning ☐ field work	☐ independent assignments ☐ multimedia ☐ laboratory ☐ work with mentor ☑ case study
Student responsibilities	The requirements to get the right to take the final exam: regular attendance (for full-time students: minimum 60% of lectures and 60% of exercises; for part-time students: half of the conditions defined for full-time students) and successfully solved self-assessment tests (the student should achieve a minimum of 30% correct answers on the three out of the four self-assessment tests that will be organized during the semester).	

Screening student work *(name the proportion of ECTS credits for each activity so that the total number of ECTS credits is equal to the ECTS value of the course)*						
	Class attendance	0.7	Research		Practical training	
	Experimental work		Report		Self-assessment test	0.3
	Essay		Seminar paper	0.5	(Other)	
	Mid-term exams	4** (3.5*/**)	Oral exam		(Other)	
	Written exam	4** (3.5*/**)	Project		(Other)	

<table>
<tr><td>Grading and evaluating student work in class and at the final exam</td><td colspan="3">During the semester, two written mid-term exams will be organized. The first written mid-term exam can be accessed by all students enrolled in the course. A positively evaluated first written mid-term exam is a requirement for the student's admission on the second written mid-term exam. The overall grade represents the mean of (positive) grades achieved in both mid-term exams. Alternatively, students can achieve grade through a final written exam during the exam period.

Written exams consist of 10 questions, 5 of which are essay (theory)-related questions and 5 refer to numerical tasks. Each correct answer related to the theory is evaluated with 12 points, while the one that refers to the numerical task is evaluated with 8 points. Score thresholds and corresponding grades for written exams: 0-55 points = insufficient (1); 56-69 points = sufficient (2); 70-80 points = good (3); 80-89 points = very good (4) and 90-100 points = excellent (5). Additionally, in order to get a passing grade, the student has to accomplish 36 points on the essay (theory)-related questions and 20 points on numerical tasks.

Student's seminar paper is evaluated up to 10 points.

*Student has the opportunity to write and present seminar essay.
** A student who has achieved a passing grade from the first and second mid-term exam has completed the module and thus is not required to take the final written exam.</td></tr>
<tr><td rowspan="10">Required literature (available in the library and via other media)</td><td>Title</td><td>Number of copies in the library</td><td>Availability via other media</td></tr>
<tr><td>Ćurak, M., Jakovčević, D. (2007). Osiguranje i rizici, RRIF plus, Zagreb</td><td>10</td><td></td></tr>
<tr><td>Ćurak, M., Kovač, D. (2020-2021). Risk Management, the course materials on Moodle platform</td><td></td><td>x</td></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td>Rose, P. S.,Hudgins, S. C. (2015). Upravljanje bankama i financijske usluge, Mate, Zagreb.</td><td>2</td><td></td></tr>
<tr><td>Sajter, D. (2017.): Osnove upravljanja rizicima u financijskim institucijama, Ekonomski fakultet, Osijek.</td><td>1</td><td></td></tr>
<tr><td></td><td></td><td></td></tr>
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<tr><td></td><td></td><td></td></tr>
<tr><td>Optional literature (at the time of submission of study programme proposal)</td><td colspan="3">Ćurak, M., Kovač, D. (2020). Upravljanje rizicima društava za neživotno osiguranje i reosiguranje primjenom tehnike sekuritizacije, Ekonomski vjesnik, Vol. 33, No. 1, 2020., str. 287.-303.

Harrington, S. E., Niehaus, G. R. (2002). Risk Management and Insurance, McGraw Hill.

Hull, J. C. (2019). Risk Management and Financial Institutions, John Wiley & Sons, Inc.

Hunziker (2019). Enterprise Risk Management - Modern Approaches to Balancing Risk and Reward, Springer Gabler.</td></tr>
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	Kovač, D. (2021). *Ulaganje u kibernetičku sigurnost*, Zbornik radova Veleučilišta u Šibeniku, 15 (1-2), 61-73. Lechner, P., Gatzert, N. (2017). *Determinants and value of enterprise risk management: empirical evidence from Germany*, The European Journal of Finance, 24(10), 867-887. Miloš Sprčić, D., Kožul, A., Pecina, E. (2015). *State and perspectives of Enterprise risk management system development -the case of Croatian companies*, Procedia Economics and Finance, Vol. 30, str. 768 –77. Njegomir, V. (2018). *Upravljanje rizicima u osiguranju i reosiguranju*, Tectus, Zagreb. Olson, D. L., Wu, D. (2020). *Enterprise Risk Management Models*, Springer-Verlag GmbH. Pelivan, I., Ćurak, M., Pepur, S. (2018). *Upravljanje rizicima malih i srednjih poslovnih tvrtki u Republici Hrvatskoj*, Financije – teorija i suvremena pitanja (urednici: Koški, D., Karačić D., Sajter, D.), Ekonomski fakultet, Osijek, str. 351-379. Rohmeyer, P., Bayuk, J. L. (2019). *Financial Cybersecurity Risk Management: Leadership Perspectives and Guidance for Systems and Institutions*, Apress. Saunders, A., Cornett, M. M. (2021). *Financial Institutions Management – A Risk Management Approach*, McGraw-Hill. Saunders, A., Cornett, M., Erhemjamts, O. (2020). *Financial Institutions Management: A Risk Management Approach*, McGraw Hill. Other sources: Artemis, http://www.artemis.bm/ Croatian Financial Services Supervisory Agency, http://www.hnb.hr/ Croatian National Bank, http://www.hnb.hr/ Croatian Banking Association, http://hub.hr/ Croatian Insurance Bureau, http://www.huo.hr/ Insurance, http://osiguranje.hr/
Quality assurance methods that ensure the acquisition of exit competences	• Monitoring the class attendance and execution of other student's obligations (Teacher) • Teaching Supervision (The Vice-Dean for academic and student affairs) • Analysis of the studying performance for all courses of the study program (The Vice-Dean for academic and student affairs) • Student survey on the quality of teachers and teaching for each course of the study program (UNIST, Centre for Quality Improvement) • All learning outcomes of the course are examined by the examination conducted by the course teacher. Periodic examination of the content of the exam is conducted in order to verify the appropriateness of the method of validating the learning outcomes (The Vice-Dean for academic and student affairs).
Other (as the proposer wishes to add)	

2021./2022.
01/03/22 – 9. Sj. FV.