

Ovjera Dekana

Ekonomski fakultet

izv. prof. dr. sc. Tonći Sviloks

Potpis: UNIN Datum: 25. LIPNA 2025. DIO

Ovjera Rektora

Sveučilišta u Dubrovniku

prof. dr. sc. Nebojša Stojčić

Potpis:

Datum: 25.06.2025.



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU 2025./2026.

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#### **Doctoral programme:**

#### **Business Economics in Digital Environment**

Semester	Activity	Workload	ECTS
	Compulsory courses	4 courses x 6 ECTS	24
1	Workshop Research Methodology for Writing PhD Thesis	5 ECTS	5
1	WorkshopPlagiarism and Ethics in Research	5 ECTS	5
	TOTAL FIRST SEMESTER		34
	Compulsory module courses	2 courses x 5 ECTS	10
2	Elective module courses	3 courses x 3 ECTS	9
2	Presentation at a scientific conference	7 ECTS	7
	TOTAL SECOND SEMESTER		26
TOTAL FI	RST YEAR OF PROGRAMME		60
	Elective courses from other modules	3 courses x 3 ECTS	9
3	Submission of paper in Scopus/WoS journal	15 ECTS	15
5	Submission of PhD topic and public defence	16 ECTS	16
	TOTAL THIRD SEMESTER		40
4	Work on PhD thesis		20
4	TOTAL FOURTH SEMESTER		20
TOTAL SE	COND YEAR OF PROGRAMME		60
5	Work on PhD thesis		20
5	TOTAL FIFTH SEMESTER		20
	Work on PhD thesis		20
6	Defence of PhD thesis		20
	TOTAL SIXTH SEMESTER		40
TOTAL TH	HRD YEAR		60
	TOTAL ECTS		180



## Year of study 1



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## List of compulsory and elective courses with number of teaching hours and ECTS credits allocated Doctoral study

	COURSE CO-ORDINATOR	COMPULSORY COURSE	L	Е	S	ECTS
1	Mario Spremić, PhD, Full Prof.	Digital transformation in	7.5	7.5	0	6
	Božidar Jaković, PhD, Full Prof.	business	7.5	7.5	0	6
2	JosipTica, PhD, Full Prof.	Selected topics in	7.5	7.5	0	6
	Marija Bečić, PhD, Associate	macroeconomics	7.5	7.5	0	6
	Prof.					
3	Nebojša Stojčić, PhD, Full Prof.	Selected topics in	7.5	7.5	0	(
	Perica Vojinić, PhD, Full Prof.	microeconomics	7.5	7.5	0	6
4	Mirjana Čižmešija, PhD, Full	Statistical research methods in	7.5	7.5	0	6
	Prof.	economics	7.5	7.5	0	6
	Nataša Erjavec, PhD, Full Prof.					
5		Workshop Research				5
		Methodology for Writing PhD				5
		Thesis				
6		Workshop <i>Plagiarism and Ethics in Research</i>				5



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU 2025./2026.

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## Doctoral programme: Business Economics in Digital Environment

#### LIST OF COURSES – Module TOURISM Year of study 1

	Semester 2					
	<b>COURSE CO-ORDINATOR</b>	COMPULSORY COURSE	L	E	S	ECTS
1	Nevenka Čavlek, PhD, Full Prof. Mislav Ante Omazić, PhD, Full Prof.	Strategic management in tourism and digital transformation	7.5 7.5	5 5	0 0	5
2	Oliver Kesar, PhD, Full Prof. Ana Portolan, PhD, Associate Prof.	Economics of tourism destination management	7.5 7.5	5 5	0 0	5
		ELECTIVE COURSES				
1	Marija Benić Penava, PhD, Full Prof. Vanja Krajinović, PhD, Associate Prof.	Creative industries and sustainable development in tourism	5 5	5 5	0 0	3
2	Darko Prebežac, PhD, Full Prof. Barbara Puh, PhD, Associate Prof	Tourism destination brand management	5 5	5 5	0 0	3
3	Nevenka Čavlek, PhD, Full Prof. Ivana Pavlić, PhD, Full Prof.	Research methods in tourism	5 5	5 5	0 0	3
4	Marija Benić Penava, PhD, Full Prof. Antonio Vlahov, PhD, Associate Prof.	Economic valorisation of cultural/historical heritage in the digital environment	5 5	5 5	0 0	3
5	Iris Mihajlović, PhD, Associate Prof. Danijela Ferjanić Hodak, PhD, Associate Prof.	Sharing economy in tourism	5 5	5 5	0 0	3
6		Presentation at scientific conference				7



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#### LIST OF COURSES - Module MARKETING

## Year of study 1

		Schicster 2				
	COURSE CO-ORDINATOR	<b>COMPULSORY COURSE</b>	L	E	S	ECTS
1	Jurica Pavičić, PhD, Full Prof.	Modern marketing theories	7.5	5	0	5
	Iris Mihajlović, PhD, Associate Prof.		7.5	5	0	
2	Mirko Palić, PhD, Full Prof.	Marketing channels and	7.5	5	0	5
	Marija Dragičević, PhD, Associate Prof.	modern technologies	7.5	5	0	
		<b>ELECTIVE COURSES</b>				
1	Ivana Pavlić, PhD, Full Prof.	Neuromarketing	5	5	0	3
	Barbara Puh, PhD, Associate Prof.		5	5	0	
2	Lajoš Žager, PhD, Full Prof.	Accounting policies and sales	5	5	0	3
	Sanja Sever Mališ, PhD, Full Prof.	management	5	5	0	
3	Dubravka Sinčić, PhD, Full Prof.	Customer relations	5	5	0	3
		management in the digital environment	5	5	0	
4	Goran Vlašić, PhD, Full Prof.	Digital marketing and social	5	5	0	3
		media theory	5	5	0	
5	Jurica Pavičić, PhD, Full Prof.	Strategy in the context of	5	5	0	3
	Goran Vlašić, PhD, Full Prof.	marketing interactivity	5	5	0	
6	Zoran Krupka, PhD, Full Prof.	Research directions in brand	5	5	0	3
	Sandra Horvat, PhD, Associate Prof.	management	5	5	0	
		Presentation at scientific conference				7

#### Semester 2



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## LIST OF COURSES – Module MANAGEMENT Year of study 1

		Semester 2				
	COURSE CO-ORDINATOR	COMPULSORY COURSE	L	E	S	ECTS
1	Sanda Rašić Jelavić, PhD, Full Prof. Tomislav Hernaus, PhD, Full Prof.	Organisation and management theories	7.5 7.5	5 5	0 0	5
2	Ivona Vrdoljak Raguž, PhD, Full Prof. DarkoTipurić, PhD, Full Prof.	Corporate governance	7.5 7.5	5 5	0 0	5
	Ε	LECTIVE COURSES				•
1	Nebojša Stojčić, PhD, Full Prof. Perica Vojinić, PhD, Full Prof. Marija Bečić, PhD, Associate Prof.	Intellectual property management	5 2.5 2.5	5 2.5 2.5	0 0 0	3
2	Ivona Vrdoljak Raguž, PhD, Full Prof. Zorica Krželj Čolović, PhD, Associate Prof.	Human resources management	5 5	5 5	0 0	3
3	Lajoš Žager, PhD, Full Prof. Iris Lončar, PhD, Associate Prof.	Financial report analysis	5 5	5 5	0 0	3
4	Anita Pavković, PhD, Full Prof. Iris Lončar, PhD, Associate Prof.	Financial management in digital economy	5 5	5 5	0 0	3
5	Lovorka Galetić, PhD, Professor emeritus Marija Martinović, PhD, Full Prof.	Compensation Management	5 5	5 5	0 0	3
6	Najla Podrug, PhD, Full Prof. Ana Aleksić Fredotović, PhD, Associate Prof.	International organisational behaviour	5 5	5 5	0 0	3
		Presentation at scientific conference				7

#### Semester 2

#### LIST OF COURSES – Module INTERNATIONAL BUSINESS



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#### Year of study 1

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	COURSE CO-ORDINATOR	COMPULSORY COURSE	L	E	S	ECTS
1	Ivo Šperanda, PhD, Associate	International business and	7.5	5	0	5
	Prof.	digital transformation	7.5	5	0	
	Marija Bečić, PhD, Associate					
	Prof.					
2	Lorena Škuflić, PhD, Full Prof.	Industrial policy and	7.5	5	0	5
	Marija Bečić, PhD, Associate	globalisation	7.5	5	0	
	Prof.					
	EL	ECTIVE COURSES				
1	Tonći Svilokos, PhD, Associate	Regulation of financial market	5	5	0	3
	Prof.	in the digital environment	5	5	0	
	Meri ŠumanTolić, PhD,					
	Associate Prof.					
2	Tomislav Baković, PhD, Full	Quality management	5	5	0	3
	Prof.		5	5	0	
	Marija Dragičević, PhD,					
	Associate Prof.					
3	Katija Vojvodić, PhD, Full Prof.	International business	5	5	0	3
	Marija Tomašević Lišanin, PhD,	negotiation	5	5	0	
	Full Prof.					
4	Marijana Musladin, PhD,	National and international	5	5	0	3
	Associate Prof.	security	5	5	0	
5	Katija Vojvodić, PhD, Full Prof.	Logistics chains management	5	5	0	3
	Sanda Renko, PhD, Full Prof.	in the digital environment	5	5	0	
6	Tonći Svilokos, PhD, Associate	Digital transformation of	5	5	0	3
	Prof.	financial sector	5	5	0	
	Meri ŠumanTolić, PhD,					
	Associate Prof.					
		Presentation at scientific				7
		conference				

#### Semester 2



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## LIST OF COURSES – Module DIGITAL ECONOMY Year of study 1

		Semester 2				
	COURSE CO-ORDINATOR	COMPULSORY COURSE	L	E	S	ECTS
1	Mario Spremić, PhD, Full Prof.	Digital business models	7.5	5	0	5
	Božidar Jaković, PhD, Full Prof.		7.5	5	0	
2	Nebojša Stojčić, PhD, Full Prof.	Innovations, technology and	7.5	5	0	5
	Tomislav Herceg, PhD, Associate Prof.	industrial policy	7.5	5	0	
	EI	LECTIVE COURSES				
1	Vesna Bosilj Vukšić, PhD, Full	Business process management	5	5	0	3
	Prof.	in the digital environment	5	5	0	
	Ljubica Milanović Glavan, PhD, Associate Prof.					
2	Katarina Ćurko, PhD, Full Prof.	Intelligent data analytics	5	5	0	3
	Nikola Vlahović, PhD, Associate Prof.		5	5	0	
3	Ivan Strugar, PhD, Full Prof.	Collaborative technologies and	5	5	0	3
	Božidar Jaković, PhD, Full Prof.	networks	5	5	0	
4	Mirjana Pejić Bach, PhD, Full	Knowledge discovery in data	5	5	0	3
	Prof.	bases	5	5	0	
	Jovana Zoroja, PhD, Associate Prof.					
5	Mario Spremić, PhD, Full Prof.	Cybersecurity	5	5	0	3
			5	5	0	
		Presentation at scientific conference				7



# Year of study 2



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU 2025./2026.

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## Doctoral programme: Business Economics in Digital Environment

## Year of study 2

Semester 3 Semester 4

Semester	Activity	Workload	ECTS
	Elective courses from other modules	3 courses x 3 ECTS	9
3	Submission of paper in Scopus/WoS journal	15 ECTS	15
	Submission of PhD topic and public defence	16 ECTS	16
	TOTAL THIRD SEMESTER		40
4	Work on PhD thesis		20
	TOTAL FOURTH SEMESTER		20
TOTAL S	SECOND YEAR OF PROGRAMME		60



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# Year of study 3



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU 2025./2026.

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Doctoral programme: Business Economics in Digital Environment

Year of study 3

Semester 5

Semester 6

Semester	Activity	Workload	ECTS
5	Work on PhD thesis	20 ECTS	20
5	TOTAL FIFTH SEMESTER		20
	Work on PhD thesis	20 ECTS	20
6	Defence of PhD thesis	20 ECTS	20
	TOTAL SIXTH SEMESTER		40
TOTAL THIRD YEAR		60	



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Course name		
	Digital Transformation in Business	
Degree	PhD	
Semester	Winter (1. sem)	
ECTS points	6 ECTS	
Course status	Compulsory	
Course leader	Mario Spremić, PhD, Full Prof.	
	Božidar Jaković, PhD, Full Prof.	
Faculty, room no.	;;;	
Phone	;	
e-mail	mspremic@efzg.hr; bjakovic@efzg.hr	
COURSE DESCRIPTION		

#### **Course content**

The course introduces students to the latest trends in the development of information and communication, especially digital technologies, as well as the social, technological, organizational, and business aspects of its application in a dynamic business environment. The trends of the digital economy will be explained and frameworks and models will be analyzed by which basic and advanced digital technologies enable organizations to increase productivity, efficiency, and competitiveness and influence changes in business. The aforementioned will be processed in the context of scientific research in the field of business economics, and the research frameworks of change management and information and digital technology will be presented. The subject provides a holistic understanding of how modern digital technology affects business and by which methods it is possible to implement organizational changes, especially in the area of digital business transformation. Factors that influence the success of digital business transformation will be researched and analyzed, as a consciously guided transformation of business with the help of strategic application of digital technologies.

#### Learning outcomes

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1. Understand, interpret and critically judge the influence of factors of digital business transformation on successful business management

2. Critically evaluate the application of theoretical frameworks of change management and technology acceptance in the context of research work

3. Apply knowledge about models and methods by which changes in business are implemented using information and digital technologies

4. Critically review the various options of digital business transformation strategies, learn how to think critically about the scope, reach, and ways of implementing digital business transformation5. Evaluate the influence of current trends in the digital economy on the need and opportunities for implementing organizational changes in the context of scientific research in the field of business economics

6. Choose a digital business transformation strategy that will enable successful and sustainable company operations, argue the choice, evaluate the effects of the choice, compare the achieved results, and set goals

7. Create, present, and critically argue a strategic plan for the digital transformation of business

TEACHING MODE

ACHING MODE		
☑ Office hours		
□ Laboratory		
□ Field work		
□ Mentoring work		
□ Knowledge test		
INATION METHOD		
Other:		
READING		



#### Sveučilište u Dubrovniku Ekonomski fakultet Lapadska obala 7, 20000 Dubrovnik tel: 00 385 20 445 901, e-mail: ekonomija@unidu.hr

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#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

1.	Kane, G.C., Palmer, D., Philips, A.N., Kiron, D. and Buckley, N., Aligning the
	Organization for Its Digital Future, MIT Sloan Management Review and Deloitte
	University Press, 2016.
2.	Hess, T., Matt, C., Benlian, A., Wisboeck, F., Options for formulating digital
	transformation strategy, MIS Quarterly Executive, 2016.
3.	G. C. Kane, D. Palmer, A. N. Phillips, D. Kiron and N. Buckley, Strategy, Not
	Technology, Drives Digital Transformation, MIT Sloan Management Review and
	Deloitte University Press, 2015.
4.	Turel O, Bart, Board-level IT governance and organizational performance, European
	Journal of Information Systems, 2014, p.p. 223-239.
5.	Weill, P. ROSS, JW, IT Governance: How Top Performers Manage it Decision Rights
	for Superior Results, Harvard Business School Press, Boston, MA, 2004.
6.	Pejić Bach, M., Spremić, M., & Suša Vugec, D., Integrating Digital Transformation
	Strategies into Firms: Values, Routes and Best Practice Examples. In Management and
	Technological Challenges in the Digital Age, Taylor & Francis Group: CRC press,
	2018.
Optional	l reading
	Bharadwaj A, El Sawy OA, Pavlou PA, Venkatraman N, Digital business strategy:
1.	toward a next generation of insights., MIS Q 37(2), 2013, p.p. 471-482.
	Spremić, M, Governing Digital Technology – how Mature IT Governance can help in
2.	Digital Transformation?, International Journal of Economics and Management Systems,
	2, 2021, p.p. 214-223.
2	Johnson AM, Lederer AL, CEO/CIO mutual understanding, strategic alignment, and the
3.	contribution of IS to the organization, Inf Manag 47(3), 2010, p.p. 138-149.

nd the 3. Susa Vugec, D., Spremic, M., Pejic Bach. M, IT governance adoption in banking and insurance sector: longitudinal case study of COBIT use, International Journal for 4. Quality Research 11(3), 2021, p.p. 691-716. Henderson JC, Venkatraman N, Strategic alignment: leveraging information technology 5. for transforming organizations IBM Syst I 32(1) 1993 n n A-16

		for transforming organizations, IBM Syst J 52(1), 1995, p.p. 4-16.				
	6.	6. Spremić, M., Digitalna transformacija poslovanja, Ekonomski fakultet Zagreb, 2017.				
LIST OF TOPICS						
	No.	ТОРІС		Hours		
	140.		L	Ε	S	



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	OTHER RELEVANT INFORMATION			
	TOTAL HOURS	15	15	0
6.	Critical thinking and scientific directions on the reach and way of implementing digital transformation	5	0	0
5.	Explanation of the impact of digital transformation on the development of the digital economy. Overview of research directions in the field of digital economy	0	5	0
4.	Success factors of digital business transformation. Overview of scientific knowledge in the field	5	0	0
3.	The use of bibliometric analysis in the field of digitization and digital transformation of business. Practical work and discussion of possible research directions	0	5	0
2.	Explanation of the concepts of digitization and digital transformation. Case studies and review of scientific papers in the field	0	5	0
1.	Trends in the digital economy, an overview of the concept of the digital economy, and the most important digital technologies used in it. Case studies and an overview of the most important research directions	5	0	0

program, teaching process, teaching skills and the level of acquired curriculum will be confirme implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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	COURSE INFORMATION			
Course name				
	Selected topics in macroeconomics			
Degree	PhD			
Semester	Winter (1. sem)			
ECTS points	6 ECTS			
Course status	Compulsory			
Course leader	Josip Tica, PhD, Full Prof.			
	Marija Bečić, PhD, Associate Prof.			
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,			
	Dubrovnik, C6 - II kat			
Phone	+385 20 445 932;			
e-mail	marija.becic@unidu.hr; jtica@efzg.hr			
	COURSE DESCRIPTION			
Course content				

#### **Course content**

Liquidity trap, consumption puzzle, financial frictions, monetary accelerator and monetary yielding; Aiming inflation, obligatory monetary policy, IS-MR-PC model, IS-MP-IA model;Mundell-Fleming-Tobin model and foreign currency exposure of a country;Internal and external equilibrium, stability and sustainability of debt; Globalization, inequality and open Solow-Swan growth model;Unemployment, work force fluctuations, Diamond-Mortensen-Pissarides model

#### Learning outcomes

1. Having attended and passed the course, the candidate will be able to: • Link and provide critical analysis of theories and models in macroeconomics • Demonstrate ability for creating theoretical and/or empirical framework for macroeconomic analysis • Independently explore macroeconomic variables • Implement the acquired knowledge in macroeconomics to make economic policies at national level in the digital environment



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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	TE	ACHING MODE			
🛛 Lectu	ires	I Office hours			
🗆 Semi	nars and workshops	□ Laboratory			
🛛 Exerc	cises	□ Field work			
🗵 Indep	bendent tasks	Mentoring work			
🛛 Mult	imedia and internet	□ Knowledge test			
🗆 Dista	nce education				
	EXAM	INATION METHOD			
⊠ Oral	exam	Other:			
🛛 Writt	en exam				
⊠ Collo	oquium				
		READING			
Compul	sory reading				
Computs	sory reading				
1.	Benić, Đ. Jehle, G. A., Reny, P		Ð		
	pristup, II. izdanje Advanced N				2
	Theory: An Intuitive Approach	-	njiga, Zag	reb, 2017	
Optional	Pearson, 2011 The MIT Press,	2017, 2024.			
Optional	reading				
	Perloff, J., M. Pindyck, R.S., I				
1.	Edition Microeconomics, 9th E				
	Approach, 9th Edition, Pearson, 2017 Pearson, 2018 W.W. Norton & Company, 2014		, 2014 ,		
	2024. LIST OF '	TOPICS			
		101105			
No.	TOPI	С		Hours	
110.	1011	~	L	Ε	S
	1. Liquidity trap, consumption p	uzzle, financial frictions,			
1.	monetary accelerator and moneta		15	15	0
	inflation, obligatory monetary po				



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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MP-IA model 3. Mundell-Fleming-Tobin model and foreign currency exposure of a country 4. Internal and external equilibrium, stability and sustainability of debt 5. Globalization, inequality and open Solow-Swan growth model 6. Unemployment, work force fluctuations, Diamond- Mortensen-Pissarides model						
TOTAL HOURS 15 15 0						
OTHER RELEVANT INFORMATION						
Monitoring the quality and efficiency of the implementation of the colleg program, teaching process, teaching skills and the level of acquired curri implementing of verbal and written evaluation based on questionnaires a	culum w	ill be confi	rmed			

professional colleagues. Self-observation, analysis and corrections.



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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COURSE INFORMATION			
Course name			
	Selected topics in microeconomics		
Degree	PhD		
Semester	Winter (1. sem)		
ECTS points	6 ECTS		
Course status	Compulsory		
Course leader	Nebojša Stojčić, PhD, Full Prof. Perica Vojinić, PhD, Full Prof.		
Faculty, room no.	Rector's office, Branitelja Dubrovnika 41, Faculty of Economics and Business, Lapadska obala 7, Dubrovnik, C6		
Phone	+385 20 445 700; +385 20 445 933		
e-mail	nebojsa.stojcic@unidu.hr; perica.vojinic@unidu.hr		
	COURSE DESCRIPTION		

#### **Course content**

REDEFINING CONSUMER BEHAVIOUR MODEL: demand for features and choice in time dimension. REDEFINING PRODUCER BEHAVIOUR MODEL: firmequilibriumin producing more products – determining optimum production range. ALTERNATIVE THEORIES OF ENTERPRISE: maximizing revenue model; utility maximization model; growth maximization model. MODELS AND STRATEGIES OF PRICE DETERMINATION AND OUTPUT AT THE GOODS MARKET AND MEASUREMENT OF MARKET POWER. Four main models of price determination on the market; monopolistic and monopsonistic exploitation and negotiations between monopolist and monopsonist. RISK, UNCERTAINTY, MARKET IMPERFECTIONS AND FAILURES INFORMATION ECONOMY Unfavourable selection, asymmetric information, signalling and probing, principal agent problem and risk of misuse, effect ofinformation availability onto market outcomes ECONOMY OF WELLBEING, Social choice and Arrow'stheorem, Pareto efficiency, static and dynamic general equilibrium.

#### Learning outcomes



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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1. Upon completion of this course students will be able to: • Relate and critically assess theories and models from microeconomics • Demonstrate ability to create theoretical or empirical framework of microeconomic analysis • Independently research consumer and producer behaviour • Apply acquired knowledge from the field of microeconomics for decision-making under risk, uncertainy, asymmetric information and in case of welfare economics in static and dynamic context.

TEACHING MODE					
⊠ Lectures	☑ Office hours				
□ Seminars and workshops	□ Laboratory				
⊠ Exercises	□ Field work				
☑ Independent tasks	☑ Mentoring work				
□ Multimedia and internet	□ Knowledge test				
□ Distance education					
EXA	MINATION METHOD				
□ Oral exam	Other:				
🖾 Written exam					
🛛 Colloquium					
	READING				
Compulsory reading					
1. Benić, Đ; Jehle, G. A., Reny,	P. J. ; Muñoz-Garcia, F. , Mikroekonomija: menadžerski				
	Microeconomic Theory Advanced Microeconomic Theory:				
An Intuitive Approach with I	Examples, Školska knjiga, Zagreb, 2017 Pearson, 2011 The				
MIT Press, 2017 The MIT Press, 2017, 2024.					
Optional reading					
Perof, J., M Pindyck, R.S., R	Perof, J., M Pindyck, R.S., Rubinfeld, D.L. Varian, H., R., , Microemconoics, 8th				
	n Edition; Intermediate Microeconomics – A Modern				
Approach, 8th Edition, Pears 2024.	on, 2017 Pearson, 2018 W.W. Norton & Company, 2014 ,				
2024.					



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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IND.IDTREIND.IREDEFINING CONSUMER BEHAVIOUR MODEL: demand for features and choice in time dimension. REDEFINING PRODUCER BEHAVIOUR MODEL: firmequilibriumin producing more products – determining optimum production range. ALTERNATIVE THEORIES OF ENTERPRISE: maximizing revenue model; utility maximization model; growth maximization model. MODELS AND STRATEGIES OF PRICE DETERMINATION AND OUTPUT AT THE GOODS MARKET AND MEASUREMENT OF MARKET POWER. RISK, UNCERTAINTY, MARKET IMPERFECTIONS AND FAILURES INFORMATION ECONOMY Unfavourable selection, asymmetric information, signalling and probing, principal agent problem and risk of misuse, effect ofinformation availability onto market outcomes ECONOMY OF WELLBEING, Social choice and Arrow'stheorem, Pareto efficiency, static and dynamic general equilibrium.150	No.	TOPIC		Hours	
demand for features and choice in time dimension. REDEFINING PRODUCER BEHAVIOUR MODEL: firmequilibriumin producing more products – determining optimum production range. ALTERNATIVE THEORIES OF ENTERPRISE: maximizing revenue model; utility maximization model; growth maximization model. MODELS AND STRATEGIES OF PRICE DETERMINATION AND OUTPUT AT THE GOODS MARKET AND MEASUREMENT OF MARKET POWER. RISK, UNCERTAINTY, MARKET IMPERFECTIONS AND FAILURES INFORMATION ECONOMY Unfavourable selection, asymmetric information, signalling and probing, principal agent problem and risk of misuse, effect of information availability onto market outcomes ECONOMY OF WELLBEING, Social choice and Arrow'stheorem, Pareto efficiency, static and dynamic general equilibrium.150	110.		L	E	S
TOTAL HOURS 15 0	1.	demand for features and choice in time dimension. REDEFINING PRODUCER BEHAVIOUR MODEL: firmequilibriumin producing more products – determining optimum production range. ALTERNATIVE THEORIES OF ENTERPRISE: maximizing revenue model; utility maximization model; growth maximization model. MODELS AND STRATEGIES OF PRICE DETERMINATION AND OUTPUT AT THE GOODS MARKET AND MEASUREMENT OF MARKET POWER. RISK, UNCERTAINTY, MARKET IMPERFECTIONS AND FAILURES INFORMATION ECONOMY Unfavourable selection, asymmetric information, signalling and probing, principal agent problem and risk of misuse, effect ofinformation availability onto market outcomes ECONOMY OF WELLBEING, Social choice and Arrow'stheorem, Pareto efficiency, static and dynamic	15	0	15
			15	0	15
OTHER RELEVANT INFORMATION		OTHER RELEVANT INFORMATION			

## **COURSE INFORMATION**

professional colleagues. Self-observation, analysis and corrections.



#### Sveučilište u Dubrovniku Ekonomski fakultet Lapadska obala 7, 20000 Dubrovnik tel: 00 385 20 445 901, e-mail: ekonomija@unidu.hr

#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Course name	
	Statistical research methods in economics
Degree	PhD
Semester	Winter (1. sem)
ECTS points	6 ECTS
Course status	Compulsory
Course leader	Mirjana Čižmešija, PhD, Full Prof.
	Nataša Erjavec, PhD, Full Prof.
Faculty, room no.	,;,
Phone	;
e-mail	mirjana.cizmesija@net.efzg.hr; nerjavec@net.efzg.hr

**COURSE DESCRIPTION** 

#### **Course content**

Specificity of economic phenomena analysis. Selected programme support. Simple linear regression model. Multiple linear regression model. Specification of model functional form. Gauss-Markov theorem. Model quality indicators. Testing hypotheses (LR, Waldov and LM test). Fulfilment of model assumptions. Forecasting. Regression model with qualitative variables. Model with independent qualitative variables (binary and categorical variable). Model with dependent qualitative variable (logit, probit andtobit model). Time series analysis. Stationary and non-stationary time series. ARIMA models. Analysis of non-stationarity (UR test with structural break). Apparent regression. Co-integration. VAR model. Error correction model. Innovation analysis.Panel data analysis. Advantages and disadvantages of panel methodology. Parameter evaluation methods. Static models. Hausman test. Dynamic models. Selected topics in structural modelling (SEM). Model elements, estimations and methods for increasing representativeness.

#### Learning outcomes

Econometric research and analysis through compiling, designing, implementation and adaptation of the scientific research process in economics, i.e. in social sciences in general. • To understand,

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implement, interpret and critically contemplate economic theories and advanced econometric models in research in the area of digital transformation in economy. • To generate quality econometric research and set hypotheses for economic research work. • To prepare and integrate data of adequate quality. To select an adequate model and appraise its representative qualities and fulfilment of assumptions. • To synthesise knowledge from different economic areas. • To research independently or in co-authorship real and actual issues in the area of business economics and digital transformation by creating and evaluating new facts and theoretical findings in the researched area. • To assume social responsibility for successfulness of research and social usefulness of the research results. • Critical evaluation of the existing scientific literature in the area of economics and statistics.

TE	ACHING MODE					
🖾 Lectures	□ Office hours					
□ Seminars and workshops	⊠ Laboratory					
⊠ Exercises	□ Field work					
☑ Independent tasks	□ Mentoring work					
□ Multimedia and internet	□ Knowledge test					
□ Distance education						
EXAM	EXAMINATION METHOD					
□ Oral exam	□ Oral exam Other:					
🖾 Written exam						
🗵 Colloquium						
	READING					
Compulsory reading						
1. Greene, W. H. Gujarati, D. I P	1. Greene, W. H. Gujarati, D. I Porter, D. Wooldridge, J. M., Econometric Analysis, 8th					
Ed., Basic Econometrics, 6th Edt., Introductory Econometrics: A Modern Approach,						
	rk (2018) McGraw-Hill Education, Europe (2016)					
Cengage Learning, Boston, US	A (2010), 2024.					
Optional reading						



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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1.	<ul> <li>Wooldridge, J. M.; Enders, W.; Čižmešija, M.; Sorić, P. I Lolić, I.; Sorić, P., Lolić, I. I Čižmešija, M. Erjavec, N., Sorić, P. i Čižmešija, Erjavec, N. &amp; Jakšić, S. M.Kline, R.H. Econometric Analysis of Cross Section and Panel Data, 2nd Ed Applied Econometric Time Series 3rd ed., Uloga ekonomskog sentimenta u tumačenju makroekonomskih trendova: metodološka unapređenja i nova područja primjene u Hrvatskoj European Economic Sentiment Indicator: An Empirical Reappraisal Predicting The Probability C Recession In Croatia: Is Economic Sentiment The Missing Link Regional Unemployment in Croatia: Evidence from Dynamic Panel Model Principles and Practic of Structural Equation Modeling (Methodology in the Social Sciences, 4th Edt , MIT Press (2010) John Wiley &amp; Sons, Inc., New. Jersey (2009) (2018) Zagreb : Ekonomsk Fakultet Zagreb (2018) Quality &amp; Quantity (2016) Zbornik radova Ekonomskog Fakulteta u Rijeci: Časopis za ekonomsku teoriju i Praksu, 34 (2) U: Zadnik Stirn, L., Žerovnik, J., Kljajić Borštnar, M. &amp; Drobne, S. (ur.) Proceedings of the 13th International Symposium on Operational Research SOR'15. Ljubljana, Slovenian Society Informatika, Section for Operational Research (2015) Taylor &amp; Francis Ltd, New York (2016), 2024.</li> </ul>					
LIST OF TOPICS						
No.	TOPIC	Hours				
110.		L	Ε	S		
1.	Specificity of economic phenomena analysis. Selected programme support Simple linear regression model. Multiple linear regression model. Specification of model functional form. Gauss-Markov theorem. Model quality indicators. Testing hypotheses (LR, Waldov and LM test). Fulfilment of model assumptions. Forecasting. Regression model with qualitative variables. Model with independent qualitative variables (binary and categorical variable). Model with dependent qualitative variable (logit, probit andtobit model). Time series analysis. Stationary and non-stationary time series. ARIMA models. Analysis of non-stationarity (UR test with structural break). Apparent regression. Co-integration. VAR model. Error correction model. Innovation analysis. Panel data analysis. Advantages and disadvantages of panel methodology. Parameter evaluation methods. Static models.	15		15		



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Hausman test. Dynamic models. Selected topics in structural modelling (SEM). Model elements, estimations and methods for increasing representativeness.			
TOTAL HOURS	15	0	15
OTHER RELEVANT INFORMATION			
Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed			
implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by			
professional colleagues. Self-observation, analysis and corrections.			

COURSE INFORMATION		
Course name		
	Workshop Plagiarism and Ethics in Research	
Degree	PhD	
Semester	Winter (1. sem)	
ECTS points	5 ECTS	
Course status	Compulsory	
Course leader		
Faculty, room no.		
Phone		
e-mail		
COURSE DESCRIPTION		
Course content		



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Learning outcomes			
TE	ACHING MODE		
	□ Office hours		
□ Seminars and workshops	□ Laboratory		
Exercises	□ Field work		
□ Independent tasks	□ Mentoring work		
□ Multimedia and internet	□ Knowledge test		
$\Box$ Distance education			
EXAMINATION METHOD			
□ Oral exam	Other:		
□ Written exam			
🗆 Colloquium			
	READING		
Compulsory reading			
Optional reading			
LIST OF TOPICS			

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No. TOPIC	TOPIC	Hours		
110.		L	E	S
	TOTAL HOURS	0	0	0
OTHER RELEVANT INFORMATION				
Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.				



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COURSE INFORMATION			
Course name			
	Workshop Research Methodology for Writing PhD Thesis		
Degree	PhD		
Semester	Winter (1. sem)		
ECTS points	5 ECTS		
Course status	Compulsory		
Course leader			
Faculty, room no.			
Phone			
e-mail			
COURSE DESCRIPTION			
Course content			
Learning outcomes			
TEACHING MODE			
□ Lectures	$\Box \text{ Office hours}$		
□ Seminars and workshops □ Laboratory			



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

 $\Box$  Exercises  $\Box$  Field work □ Independent tasks □ Mentoring work □ Multimedia and internet □ Knowledge test  $\Box$  Distance education **EXAMINATION METHOD** Other:  $\Box$  Oral exam  $\Box$  Written exam □ Colloquium READING Compulsory reading **Optional reading** LIST OF TOPICS Hours No. TOPIC E L S **TOTAL HOURS** 0 0 0 **OTHER RELEVANT INFORMATION** 

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.

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#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Summer semester

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#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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COURSE INFORMATION		
Course name		
	Accounting Policies and Sales Management	
Degree	PhD	
Semester	Summer (2. sem) / Winter (3. sem)	
ECTS points	3 ECTS	
Course status	Elective	
Course leader	Lajoš Žager, PhD, Full Prof.	
	Sanja Sever Mališ, PhD, Full Prof.	
Faculty, room no.	,;,	
Phone	;	
e-mail	lzager@efzg.hr; ssever@net.efzg.hr	
COURSE DESCRIPTION		

#### **Course content**

1. Accounting principles and policies as a starting point for the development of financial reporting standards 2. The role of financial and non-financial information in sales management 3. The most important accounting policies in the context of product valuation 4. The issue of valuation of intangible assets of a company with an emphasis on the brand 5. Recognition of revenue from product sales and provision of services; Income from contracts with customers 6. Classification of expenses; Treatment of research and development costs and marketing costs 7. Breakeven point in the function of business decision-making about the future of the product 8. Profit and cash flow depending on the life cycle of the product 9. Measuring the profitability of the company and the significance of the profit margin; Differentiation of different measures of profitability (EBIT, EBITDA, profitability of assets, profitability of capital) 10. Revision of the cycle of sales and collection of receivables

#### Learning outcomes

1. learn the importance of accounting information in sales management

2. understand the connection between the choice of accounting policies and the company's



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business goals

3. discuss the advantages, disadvantages and possibilities of accounting valuation of an intangible asset such as a brand

- 4. become familiar with the accounting treatment of costs specific to the sales function
- 5. apply analytical procedures in the capacity of considering the influence of selected accounting policies on the profitability of the company
- 6. analyze the key questions that auditors focus on when auditing the sales cycle.

TEACHING MODE			
🛛 Lectu	ires	☑ Office hours	
🗆 Semi	nars and workshops	□ Laboratory	
🛛 Exerc	cises	□ Field work	
🗵 Indep	bendent tasks	Mentoring work	
🛛 Multi	imedia and internet	□ Knowledge test	
🛛 Dista	nce education		
EXAMINATION METHOD			
⊠ Oral exam Other:		Other:	
🛛 Writt	⊠ Written exam		
Colloquium			
READING			
Compulsory reading			
1.	1. Žager, K. et al., Analiza financijskih izvještaja: načela, postupci, slučajevi, HZRiFD,		
	Zagreb, 2017.		
2.	Drury, C, Management Accounting for Business. Fifth Edition, Cengage Learning,		
	Boston, 2013.		
3.	Arens, A.A., Elder, R. J. & Beasley, M. S., Auditing and Assurance Sevices. Sixteenth		
	Edition, Pearson, Harlow, UK, 2017.		
4.	4. Aerts, W. & Walton, P, Global Financial Accounting and Reporting: Principles and		
	Analysis. third Edition, Cengage Learning, Boston, 2013.		
Optional	Optional reading		



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1.	Dyson, J. R. & Franklin, E, Accounting for non-accounting students. Ninth Edition, Pearson, Harlow, UK, 2017.			
2.	<ul> <li>Wahlen, J. M., Baginski, S. P. &amp; Bradshaw, M, Financial Rep Statement Analysis and Valuation: A Strategic Perspective, C 2017.</li> </ul>	-		Bostor
	LIST OF TOPICS			
No.	торіс	Hours		
		L	E	S
1.	Basic accounting principles as a basis for creating financial reporting standards	2	2	0
2.	Basic accounting principles as a basis for creating financial reporting standards	2	2	0
3.	The role and significance of accounting policies in sales	2	2	0
4.	The role and significance of accounting policies in sales	2	2	0
5.	Revizija prihoda od prodaje i potraživanja od kupaca	2	2	0
	TOTAL HOURS	10	10	0
	OTHER RELEVANT INFORMATION			

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.

### **COURSE INFORMATION**



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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Course name		
	Business Process Management in the Digital Environment	
Degree	PhD	
Semester	Summer (2. sem) / Winter (3. sem)	
ECTS points	3 ECTS	
Course status	Elective	
Course leader	Vesna Bosilj Vukšić, PhD, Full Prof.	
	Ljubica Milanović Glavan, PhD, Associate Prof.	
Faculty, room no.	,;,	
Phone	;	
e-mail	ljmilanovic@efzg.hr; vesna.bosilj@efzg.hr	
COURSE DESCRIPTION		

#### **Course content**

• The goal of the course is to develop students' knowledge of the concept of business process management (BPM) and the application of information technology in a digital environment, as well as the skills of applying this concept. • The focus of the course is on the application of conceptual methods for analysis, transformation and digitization of business processes and improvement of process and organization performance. • Models and frameworks of maturity of BPM and digital transformation (Digital Transformation – DT) are considered. • The dimensions of BPM as a platform for performance management and digital transformation of the organization are explored. • The effects (benefits and challenges) of the joint application of BPM and digital transformation through the stages of the BPM life cycle are explored and questioned.

#### Learning outcomes

 understand the role of BPM as an important factor in a company's ability to do business successfully; interpret and evaluate the effects of BPM implementation in the organization
 critically evaluate the key success factors of BPM (such as: connection with the strategy, management, employees, culture) and base the development of the BPM project methodology on the


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results of this evaluation

3. apply BPM frameworks and maturity models in business practice and in scientific research of the field

4. to acquire the knowledge needed to develop a BPM strategy and a digital strategy, as well as to connect these strategies with the organization's strategy

5. explore the evolution of BPM and digital transformation recognize the current state and trends that will influence further research on BPM and digital transformation from the perspective of business and economics.

**TEACHING MODE** 

⊠ Lectures		☑ Office hours			
Seminars and workshops		□ Laboratory			
□ Exerc	cises	□ Field work			
🛛 Indep	endent tasks	Mentoring work			
🗆 Multi	media and internet	□ Knowledge test			
🗆 Dista	nce education				
	EXAM	INATION METHOD			
□ Oral	□ Oral exam Other:				
🛛 Writt	⊠ Written exam				
🛛 Collo	⊠ Colloquium				
		READING			
Compuls	sory reading				
1.	Dumos M. Lo Doso M. Mon	dling I. Deilars II A. Eurodomentals of Dusiness Process			
1.	Management,, Springer, 2018.	dling, J., Reijers, H.A, Fundamentals of Business Process			
2.					
2.	Moore, C., Finn, K., Khoshafian, S., Winkler, K., Ward-Dutton, N., Kowalkowski, F., Swenson, K.D., Palmer, N, Digital Transformation with Business Process Management:				
	BPM Transformation and Real-World Execution, Future Strategies, Incorporated, 2017.				
3.		Indihar Stemberger, M., ow to go from strategy to			
Э.	6				
	results? Institutionalising BPM governance within organisations, Business Proc. Manag. Journal 22(1),, 2016, p.p. 173-195.				



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# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

4.	Grubljesic, T., Jaklic, J., Indihar Stemberger, M., The Effect	of Alignr	nent betw	een		
	Corporate Performance Management and Business Process N	Manageme	ent on Pro	cess		
	Performance, AMCIS., 2017.					
5.	ndihar Stemberger, M., Buh, B., Milanovic Glavan, Lj., Mendling, J., Propositions on			ons on		
	the interaction of organizational culture with other factors in the context of BPM					
	adoption, Business Proc. Manag. Journal 24(2), 2018, p.p. 42	25-445.				
Optional	reading					
	Bosilj Vukšić, V., Pejić Bach, M., Tomičić-Pupek, K., Utiliz	ation of I	Discrete E	vent		
1.	Simulation in Business Processes Management Projects: a L	iterature F	Review, Jo	ournal of		
	Information and Organizational Sciences, Volume 41, Issue	2,, 2017, ]	p.p. 137-1	59.		
	Milanović Glavan, L., Bosilj Vukšić, V., Examining the imp	-	-			
2.	orientation on organizational performance: the case of Croat	ia. , Croat	ian Opera	tional		
	Research Review, 8(1), 2017, p.p. 137-165.					
3.	Valdez-De-Leon, O., A Digital Maturity Model for Telecom					
5.	<sup>5.</sup> Providers, Technology Innovation Management Review, 6(8), 2018, p.p. 19-32.					
	Sebastian, I. M., Ross, J. W., Beath, C., Mocker, M., Molone	ey, K. G.,	How big	old		
4.	companies navigate digital transformation, MIS Quarterly Executive, 16(3), 2017, p.p.					
	197-213.					
	Suša Vugec, D., Tomičić-Pupek, K., Bosilj Vukšić, V., Soci	al busines	s process			
5.	management in practice: Overcoming the limitations of the traditional business process					
5.	management, International Journal of Engineering Business Management, Vol.10, ,					
	2018, p.p. 1-10.					
	LIST OF TOPICS					
	TODIC		Hours			
No	TOPIC					
No.	TOPIC	L	E	S		
No.		L	E	S		
No.	The concept of BPM: definition, development, trends.	L	E	S		
	The concept of BPM: definition, development, trends. Overview of conceptual methods for analysis, transformation	<b>L</b> 2	E	<b>S</b>		
No.	The concept of BPM: definition, development, trends. Overview of conceptual methods for analysis, transformation and digitization of business processes. Analysis of their					
	The concept of BPM: definition, development, trends. Overview of conceptual methods for analysis, transformation					



	OTHER RELEVANT INFORMATION			
	TOTAL HOURS	10	10	0
6.	Key performance indicators of BPMa for moving to higher levels of process maturity: analysis of different types of methodologies. The impact of BPMa on financial and non- financial business performance. Analysis and synthesis of research papers.	2	3	0
5.	Elements of BPMa. BPMa measurement. Development of BPMa project methodology. The concept of process maturity. Models and frameworks of process maturity and digital transformation. Comparison of maturity models of process orientation. Analysis of relevant scientific papers in this area and review of business practice.	2	3	0
4.	Linking digital transformation strategy and BPM. The role of ecosystems on BPM strategy. Overview of recent research on BPM and digital transformation from the perspective of business and economics; guidelines for further research.	1	1	0
3.	The concept of digital transformation (DT). Synthesis and analysis of the effects (benefits and challenges) of joint application of BPM and digital transformation through the stages of the BPM life cycle, analysis of synergistic effects of coordination of these initiatives and potential risks according to recent scientific literature.	2	1	0
2.	Project approach to BPM and the life cycle of BPM: methodology, case studies, synthesis of scientific research results in the field of BPM implementation.	1	1	0

program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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COURSE INFORMATION		
Course name		
	Collaborative Technologies and Networks	
Degree	PhD	
Semester	Summer (2. sem) / Winter (3. sem)	
ECTS points	3 ECTS	
Course status	Elective	
Course leader	Ivan Strugar, PhD, Full Prof.	
	Božidar Jaković, PhD, Full Prof.	
Faculty, room no.	,;,	
Phone	;	
e-mail	bjakovic@efzg.hr; istrugar@efzg.hr	
COURSE DESCRIPTION		

# **Course content**

• The course introduces students to the development and application of computer networks and collaborative technologies in business systems. • It will be explained how the development of network, mobile and information communication technologies influenced the development of human-machine communication, what are the consequences for the development and changes of individual and group communication in society and in business systems. • Collaborative technologies and networks provide great opportunities for the development of new communication and collaboration models in both business and social systems. • They represent completely new opportunities for creating new values, they are the basis of the digital transformation of companies and the development of new organizational and business models and Industry 4.0.

# Learning outcomes

1. understand, interpret and critically judge the impact of the development of information communication and mobile technologies on business models and business practice and recognize the most important trends in this area



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2. critically evaluate the possibilities of applying collaborative technologies and models in the context of research work, evaluate the possible impact of the development and application of different models on individual and social communication, social and business organizations and processes

3. critically review options for the application of collaborative technologies and models in business practice, critically think about the reach, consequences and methods of application

4. evaluate the influence of current trends in the development of collaborative technologies and models in the context of scientific research in the field of business economics

5. choose a management strategy for collaborative technologies and models that will enable successful and sustainable company operations, argue the choice, evaluate the effects of the choice, and compare the achieved results and set goals.

	TEACHING MODE				
🛛 Lectu	res	☑ Office hours			
🗵 Semir	nars and workshops	□ Laboratory			
⊠ Exerc	ises	□ Field work			
🗵 Indep	endent tasks	☑ Mentoring work			
🛛 Multi	media and internet	□ Knowledge test			
🛛 Distai	nce education				
EXAMINATION METHOD					
$\Box$ Oral e	□ Oral exam Other:				
🛛 Writte	⊠ Written exam				
🛛 Collo	⊠ Colloquium				
	READING				
Compulsory reading					
1.	1. Okada Kenichi, Hoshi Tohru, Inoue Tomoo, Communication and Collaboration Support				
	•	n Technology), IOS Press, ISBN: 1586035142, 2005.			
2.		artin G., Johnson Jeffrey C, Analyzing Social Networks,			
	2018.				



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#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

3.				es			
	Everything, Portfolio Hardcover; Expanded edition, 2008.						
4.	Stawski Scott,, Inflection Point: How the Convergence of Cloud, Mobility, Apps, and						
Data Will Shape the Future of Business, , 2018.							
5.	Brynjolfsson Erik, McAfee Andrew, The Second Machine A	ge: Work	, Progress	, and			
	Prosperity in a Time of Brilliant Technologies, Januaryy 25,	2016.					
6.	6. Shrier David, Pentland Alex, rontiers of Financial Technology: Expeditio			iture			
	commerce, from blockchain and digital banking to predictio	n markets	and beyor	nd,, ,			
	2016.						
7.	Hansen T.Morten, Collaboration, How The leaders avoid the	e traps, cre	eate unity,	and			
	create big results, MIT, 2009.						
Optiona	l reading						
	Barabasi Albert-Laszlo, How Everything Is Connected to Ev	vervthing l	Else and V	Vhat It			
1.	Means for Business, Science, and Everyday Life, , 2014.	,8 -					
		Shah Mahmood Hussain, Mobile Working: Technologies and Business Strategies,					
2.	Routledge, 2014.						
3.	Schmidt Eric, Cohen Jared, Novo digitalno doba, Profil, 2013.						
4.	Schwab Klaus, The Fourth Industrial Revolution, , 2017.						
~	Foster Wade, Schreiber Danny, The Ultimate Guide to Remote Work: How to Gro						
5.	Manage and Work with Remote Teams, , 2015.						
6.	Castells Manuel, Internet Galaksija, Jesenski i Turk, 2003.						
7	Tapscott Don, Williams Anthony D. Radical Openness: Four Unexpected P		ted Princi	ples for			
7.	Success, TED Books, 2013.						
	LIST OF TOPICS						
). ).			Hours				
No.	TOPIC	L	E	S			
		L		b			
	Role and development of collaborative systems, generations						
	of collaborative systems, collaboration and teamwork,	2	2	0			
1.	business system and team technologies, collaborative	2	2	0			
	technologies and digital transformation						
2.	Groupware and collaborative technologies, classification and	2	2	0			
	assumptions for the implementation of collaborative						



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	OTHER RELEVANT INFORMATION	12	12	U
6.	The role of intelligent agents, the scope of the portal, data sources, structured and unstructured information and the role of the portal, content management Content Management Systems (CMS) TOTAL HOURS	2	2	0
5.	Content management, types and role of portals in the company's information system, origin, development of company portals, advantages of using company portals, portal architecture, construction problems	2	2	0
4.	Video conferences in business, systems to support meetings and group decision-making, internal portals,	2	2	0
3.	Development and implementation of collaborative systems in the business information system, obstacles in the use of collaborative technologies in business systems, problems of credibility in electronic communication, electronic signature of e-mail communication, possibilities, advantages and disadvantages, systems for exchanging direct messages in business	2	2	0
	technologies, organization and formal and informal communication and collaborative technologies, virtual teams and organization, the role of collaborative technologies in digital transformation			

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

F04-12

Obrazac

COURSE INFORMATION		
Course name		
	Compensation Management	
Degree	PhD	
Semester	Summer (2. sem) / Winter (3. sem)	
ECTS points	3 ECTS	
Course status	Elective	
Course leader	Lovorka Galetić, PhD, Professor emeritus	
	Marija Martinović, PhD, Full Prof	
Faculty, room no.	Faculty of Economics and Business, Lapadska obala, Dubrovnik	
	C8	
Phone	+385 20 445 938;	
e-mail	marija.martinovic@unidu.hr; lgaletic@efzg.hr	
COURSE DESCRIPTION		

# **Course content**

• Objectives, policy and strategy of compensation management; • Compensatory and motivational character of salary; • Analysis and job description; Job evaluation as the starting point of the reward system; Pay structure; • Time, performance and performance-based payment systems; • Group incentives: gain-sharing, profit-sharing, employee share ownership, ESOP; • Benefits; • Remuneration of managers;

# Learning outcomes

1. Understand, interpret and critically reflect on compensation goals and policies

- 2. Demonstrate the ability to analyze and evaluate jobs
- 3. Understand and know how to apply individual and group reward models
- 4. Independently investigate the issue of managerial compensation



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

☑ Lectures       ☑ Office hours         ☑ Seminars and workshops       □ Laboratory         □ Exercises       □ Field work         ☑ Independent tasks       ☑ Mentoring work         □ Multimedia and internet       □ Knowledge test         □ Distance education       ○ Other:         ☑ Oral exam       Other:         ☑ Vritten exam       ○ Other:         ☑ Colloquium       READING         Compulsory reading       ○         1.       Galetić Lovorka, Kompenzacijski menadžment: upravljanje nagrađivanjem u poduzeću, Sinergija, Zagreb, 2015.         2.       Milkovich, G. T., Newman, J. M. Plaće i modeli nagrađivanja., Masmedia, Zagreb, 2006.         3.       Milkovich George, Newman Jerry, Gerhart Barry, Compensation, 12th edition, McGraw Hill, 2017.         Optional reading       □         1.       Berger, Lance A., Berger, Dorothy R., The Compensation Handbook, 6th ed, Mc.Graw-Hill Education, New York, 2015.         2.       Armstrong, Michael, Armstrong 's handbook of reward management practice, Kogan Page London, 4th edition, 2012.         3.       Martocchio, Joseph J., Strategic compensation: a human resource management approach, 3rd ed, Upper Saddle River, NJ : Pearson Prentice Hall, 2004.         4.       Buble Marin, Bakotić Danica, Kompenzacijski Menadžment, , Sveučilište u Splitu, Tristori Konteria, Kompenzacijski Menadžment, , Sveučilište u Splitu, Tristori Konteri Konteria Kompenza	TEACHING MODE				
□       Exercises       □       Field work         □       Independent tasks       □       Mentoring work         □       Distance education       □       Knowledge test         □       Distance education       □       Knowledge test         □       Oral exam       Other:         □       Vritten exam       □         □       Colloquium       Other:         □       Colloquium       Image: Colloquium         1.       Galetić Lovorka, Kompenzacijski menadžment: upravljanje nagrađivanjem u poduzcću, Sinergija, Zagreb, 2015.         2.       Milkovich, G. T., Newman, J. M, Plaće i modeli nagrađivanja, Masmedia, Zagreb, 2006.         3.       Milkovich George, Newman Jerry, Gerhart Barry, Compensation, 12th edition, McGraw Hill, 2017.         Optional reading       Image: Compusition, New York, 2015.         2.       Armstrong, Michael, Armstrong's handbook of reward management practice, Kogan Page London, 4th edition, 2012.         3.       Martocchio, Joseph J., Strategic compensation: a human resource management approach, 3rd ed, Upper Saddle River, NJ : Pearson Prentice Hall, 2004.         4       Buble Marin, Bakotić Danica, Kompenzacijski Menadžment ., Sveučilište u Splitu,	🛛 Lectu	Lectures			
⊠ Independent tasks       ⊠ Mentoring work         ☐ Multimedia and internet       ☐ Knowledge test         ☐ Distance education       ☐ Knowledge test <b>EXAMINATION METHOD</b> ☑ Oral exam       Other:         ☑ Written exam       Other:         ☑ Colloquium       READING <b>Compulsory reading</b> I.         Galetić Lovorka, Kompenzacijski menadžment: upravljanje nagrađivanjem u poduzeću, Sinergija, Zagreb, 2015.         2.       Milkovich, G. T., Newman, J. M, Plaće i modeli nagrađivanja,, Masmedia, Zagreb, 2006.         3.       Milkovich George, Newman Jerry, Gerhart Barry, Compensation, 12th edition, McGraw Hill, 2017.         Optional reading       I.         1.       Berger, Lance A., Berger, Dorothy R., The Compensation Handbook, 6th ed, Mc.Graw-Hill Education, New York, 2015.         2.       Armstrong, Michael, Armstrong's handbook of reward management practice, Kogan Page London, 4th edition, 2012.         3.       Martocchio, Joseph J., Strategic compensation: a human resource management approach, 3rd ed, Upper Saddle River, NJ : Pearson Prentice Hall, 2004.         4       Buble Marin, Bakotić Danica, Kompenzacijski Menadžment , Sveučilište u Splitu,			□ Laboratory		
□       Multimedia and internet       □       Knowledge test         □       Distance education       □       EXAMINATION METHOD         □       Oral exam       Other:         □       Written exam       □         □       Colloquium       □         □       Colloquium       □         1.       Galetić Lovorka, Kompenzacijski menadžment: upravljanje nagrađivanjem u poduzeću, Sinergija, Zagreb, 2015.         2.       Milkovich, G. T., Newman, J. M, Plaće i modeli nagrađivanja,, Masmedia, Zagreb, 2006.         3.       Milkovich George, Newman Jerry, Gerhart Barry, Compensation, 12th edition, McGraw Hill, 2017.         Optional reading       □         1.       Berger, Lance A., Berger, Dorothy R., The Compensation Handbook, 6th ed, Mc.Graw-Hill Education, New York, 2015.         2.       Armstrong, Michael, Armstrong's handbook of reward management practice, Kogan Page London, 4th edition, 2012.         3.       Martocchio, Joseph J., Strategic compensation: a human resource management approach, 3rd ed, Upper Saddle River, NJ : Pearson Prentice Hall, 2004.         4       Buble Marin, Bakotić Danica, Kompenzacijski Menadžment , Sveučilište u Splitu,	□ Exerc	cises	□ Field work		
□ Distance education       EXAMINATION METHOD         ☑ Oral exam       Other:         ☑ Vritten exam       Other:         ☑ Colloquium       Other:         ☑ Colloquium       READING         READING         Compulsory reading         1.       Galetić Lovorka, Kompenzacijski menadžment: upravljanje nagrađivanjem u poduzeću, Sinergija, Zagreb, 2015.         2.       Milkovich, G. T., Newman, J. M, Plaće i modeli nagrađivanja, Masmedia, Zagreb, 2006.         3.       Milkovich George, Newman Jerry, Gerhart Barry, Compensation, 12th edition, McGraw Hill, 2017.         Optional reading       Imager, Lance A., Berger, Dorothy R., The Compensation Handbook, 6th ed, Mc.Graw-Hill Education, New York, 2015.         2.       Armstrong, Michael, Armstrong's handbook of reward management practice, Kogan Page London, 4th edition, 2012.         3.       Martocchio, Joseph J., Strategic compensation: a human resource management approach, 3rd ed, Upper Saddle River, NJ : Pearson Prentice Hall, 2004.         4       Buble Marin, Bakotić Danica, Kompenzacijski Menadžment , Sveučilište u Splitu,	🛛 Indep	endent tasks	⊠ Mentoring work		
EXAMINATION METHOD         EXAMINATION METHOD         Ø       Oral exam       Other:         Ø       Written exam       Other:         Ø       Colloquium       READING         READING         Compulsory reading         I.       Galetić Lovorka, Kompenzacijski menadžment: upravljanje nagrađivanjem u poduzeću, Sinergija, Zagreb, 2015.         2.       Milkovich, G. T., Newman, J. M, Plaće i modeli nagrađivanja, Masmedia, Zagreb, 2006.       Milkovich George, Newman Jerry, Gerhart Barry, Compensation, 12th edition, McGraw Hill, 2017.         Optional reading         I.       Berger, Lance A., Berger, Dorothy R., The Compensation Handbook, 6th ed, Mc.Graw-Hill Education, New York, 2015.         2.       Armstrong, Michael, Armstrong's handbook of reward management practice, Kogan Page London, 4th edition, 2012.         3.       Martocchio, Joseph J., Strategic compensation: a human resource management approach, 3rd ed, Upper Saddle River, NJ : Pearson Prentice Hall, 2004.         Buble Marin, Bakotić Danica, Kompenzacijski Menadžment , , Sveučilište u Splitu,	🗆 Multi	media and internet	□ Knowledge test		
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<ul> <li><sup>3.</sup> approach, 3rd ed, Upper Saddle River, NJ : Pearson Prentice Hall, 2004.</li> <li><u>4</u> Buble Marin, Bakotić Danica, Kompenzacijski Menadžment , , Sveučilište u Splitu,</li> </ul>					
Buble Marin, Bakotić Danica, Kompenzacijski Menadžment , , Sveučilište u Splitu,	3.				
4					
Ekonomski fakultet, 2013.	4.	Ekonomski fakultet,, 2013.			



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5.	Galetić Lovorka, Izabrane teme iz kompenzacijskog menadžmenta, Sveučilište u Zagrahu, Ekonomski fakultat, Zagrah, 2012			
6.	<ul> <li>Zagrebu, Ekonomski fakultet, Zagreb, 2013.</li> <li>Shielda, John, Managing Employee Performance and Reward, 2nd ed., Cambridge University Press, 2016.</li> </ul>			
	LIST OF TOPICS			
No.	ТОРІС		Hours	
INO.	TOPIC	L	E	S
1.	Objectives, policy and strategy of compensation management	2	2	0
2.	Analysis, description and evaluation of work, structure and calculation of salary and legal regulations	2	2	0
3.	Time, performance and performance-based payment systems	2	2	0
4.	Group incentives and benefits	2	2	0
5.	Rewarding managers	2	2	0
	TOTAL HOURS	10	10	0
	OTHER RELEVANT INFORMATION			<u> </u>

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.

# **COURSE INFORMATION**



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Course name	
	Corporate Governance
Degree	PhD
Semester	Summer (2. sem)
ECTS points	5 ECTS
Course status	Compulsory
Course leader	Ivona Vrdoljak Raguž, PhD, Full Prof.
	DarkoTipurić, PhD, Full Prof.
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7, EK - 6
Phone	+385 20 445 925
e-mail	ivona.vrdoljak@unidu.hr; dtipuric@efzg.hr
	COURSE DESCRIPTION

# **Course content**

1. MODERN CORPORATION AND CORPORATE MANAGEMENT Characteristics of modern corporations; evolution of corporations; goals and performance measures; legal frame; business transparency; evolution of the discipline of corporate governance. 2. THEORETICAL APPROACHES TO CORPORATE MANAGEMENT Research discourses and fundamental research questions of corporate management and related disciplines; Agency theory; Serviceability theory; Theory of resource dependence; Institutional theory; Social network theory; Upper echelon theory; interdisciplinary and transdisciplinary research. 3. CONTEXT AND EXTERNAL MECHANISMS OF CORPORATE MANAGEMENT Systems of corporate management; corporate governance in transition countries; market for corporate control; legislative and regulatory frameworks; competitive conditions; the role of the capital market in corporate governance; privatization and corporate governance. 4. INTERNAL MECHANISMS OF CORPORATE MANAGEMENT Ownership structure: small and large shareholders; rights of shareholders; role and responsibility of the board; board structure: audit committee, remuneration committee, nomination committee; subsequent management; concentration of ownership; power relations in management structures, interests and conflicts. 5. CORPORATE MANAGEMENT AND SOCIAL RESPONSIBILITY OF THE

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COMPANY Stakeholder versus shareholder approach; corporate social responsibility; environmental responsibility of companies; ethical aspects of corporate governance.

# Learning outcomes

- 1. Highlight the basic problems in the scientific approach to corporate management
- 2. Critically evaluate the quality of published research in the field of corporate management and related disciplines

3. Understand how market conditions and regulations in different countries affect corporate governance

- 4. Explain the company's responsibilities towards different types of interest-influence groups
- 5. Evaluate the quality of corporate governance practices from the perspective of social and environmental responsibility

	TEACHING MODE				
🛛 Lectu	ires	☑ Office hours			
🖾 Semi	nars and workshops	□ Laboratory			
🖾 Exerc	cises	□ Field work			
🗆 Indep	bendent tasks	Mentoring work			
🛛 Multi	media and internet	⊠ Knowledge test			
☑ Distance education					
	EXAM	INATION METHOD			
🛛 Oral	exam	Other:			
🖾 Written exam					
□ Collo	quium				
		READING			
		KEADING			
Compuls	sory reading				
1.		Corporate governance, 5ed., Wiley-Blackwel publishing.,			
	2011.				
2.	Tipurić, D., ur., Korporativno u	ıpravljanje,, Zagreb: Sinergija, 2008.			
3.	Mallin, C. A., Corporate Gove	ernance, 5ed., Oxford: Oxford University Press., 2016.			



4.	Jensen MC. i Meckling WH., Theory of the firm: Managerial behavior, agency costs
т.	and ownership structure, ournal of Financial Economics, (3):4, 1976, p.p. 305-360.
5.	Hambrick, DC. i Mason, PA, Upper Echelons: The Organization as a Reflection of Its
5.	Top Managers, he Academy of Management Review, (9): 2, 1984, p.p. 193-206.
6.	Aguilera, R.V. i G. Jackson, The Cross-National Diversity of Corporate Governance:
0.	Dimensions and Determinants", The Academy of Management Review, 3, 2003, p.p.
	447-465.
7.	Shleifer, A. i Vishny R.V, Large shareholders and corporate control,, Journal of Political
	Economy, 94(3), 1986, p.p. 291-334.
8.	Zahra, S. A., & Pearce, J. A, Boards of Directors and Corporate Financial Performance:
	A Review and Integrative Model, Journal of Management, 15(2), 1989, p.p. 291-334.
Optiona	l reading
-	Larcker DF, Tayan B., Corporate Governance Matters: A Closer Look at Organizational
1.	Choices and Their Consequences, (2nd edition), New Jersey: Pearson Education, 2015.
-	Tipurić, D., ur, Korporativno upravljanje u Hrvatskoj - Ocjena kvalitete korporativnog
2.	upravljanja hrvatskih dionički, Zagreb: Sinergija., 2016.
2	Tipurić, D., Vrdoljak Raguž, I., Podrug, N., Rethinking Corporate Governance, Harlow.
3.	England: Pearson Education., 2014.
4.	Tipurić, D., ur., Promjene vrhovnog menadžmenta i korporativno upravljanje, Zagreb:
4.	Sinergija., 2011.
5.	Tipurić, D, Nadzorni odbor i korporativno upravljanje., Zagreb: Sinergija, 2006.
	Khan, A., Muttakin, BD., Siddiqui, J, Corporate Governance and Corporate Social
6.	Responsibility Disclosures: Evidence from an Emerging Econ, Journal of Business
	Ethics. (114):2, 2013, p.p. 207-223.
	Coles, JW., McWilliams VB. i Sen, N., An examination of the relationship of
7.	governance mechanisms to performance, Journal of Management. (27):1, 2001, p.p. 23-
	50.
	Westphal, J. D., & Zajac, E. J, The Symbolic Management of Stockholders: Corporate
8.	Governance Reforms and Shareholder Reactions, Administrative Science Quarterly,
	43(1), 1998, p.p. 127-153.
	Van Ees H., Gabrielsson J., Huse M., Toward a behavioral theory of boards and
9.	corporate governance,, Corporate Governance: An International Review, 17, 2009, p.p.
	307-319.
	LIST OF TOPICS



No.	ΤΟΡΙϹ		Hours		
NO.	TOTIC		E	S	
1.	MODERN CORPORATION AND CORPORATEMANAGEMENT - Characteristics of modern corporations;evolution of corporations; goals and performance measures;legal frame; business transparency; evolution of thediscipline of corporate governance.		1	0	
2.	MODERN CORPORATION AND CORPORATE MANAGEMENT - Characteristics of modern corporations; evolution of corporations; goals and performance measures; legal frame; business transparency; evolution of the discipline of corporate governance.		1	0	
3.	THEORETICAL APPROACHES TO CORPORATE MANAGEMENT - Research discourses and fundamental research questions of corporate management and related disciplines; Agency theory; Serviceability theory; Theory of resource dependence; Institutional theory; Social network theory; Upper echelon theory; interdisciplinary and transdisciplinary research.		1	0	
4.	THEORETICAL APPROACHES TO CORPORATE MANAGEMENT - Research discourses and fundamental research questions of corporate management and related disciplines; Agency theory; Serviceability theory; Theory of resource dependence; Institutional theory; Social network theory; Upper echelon theory; interdisciplinary and transdisciplinary research.		1	0	
5.	CONTEXT AND EXTERNAL MECHANISMS OF CORPORATE MANAGEMENT - Systems of corporate management; corporate governance in transition countries; market for corporate control; legislative and regulatory frameworks; competitive conditions; the role of the capital		1	0	



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	market in corporate governance; privatization and corporate governance.			
6.	CONTEXT AND EXTERNAL MECHANISMS OF CORPORATE MANAGEMENT - Systems of corporate management; corporate governance in transition countries; market for corporate control; legislative and regulatory frameworks; competitive conditions; the role of the capital market in corporate governance; privatization and corporate governance.	1	1	0
7.	INTERNAL MECHANISMS OF CORPORATE MANAGEMENT - Ownership structure: small and large shareholders; rights of shareholders; role and responsibility of the board; board structure: audit committee, remuneration committee, nomination committee; subsequent management; concentration of ownership; power relations in management structures, interests and conflicts.	2	1	0
8.	INTERNAL MECHANISMS OF CORPORATE MANAGEMENT - Ownership structure: small and large shareholders; rights of shareholders; role and responsibility of the board; board structure: audit committee, remuneration committee, nomination committee; subsequent management; concentration of ownership; power relations in management structures, interests and conflicts.	1	1	0
9.	CORPORATE MANAGEMENT AND SOCIAL RESPONSIBILITY - Stakeholder versus shareholder approach; corporate social responsibility; environmental responsibility of companies; ethical aspects of corporate governance	2	1	0
10.	CORPORATE MANAGEMENT AND SOCIAL RESPONSIBILITY - Stakeholder versus shareholder approach; corporate social responsibility; environmental	1	1	0



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

responsibility of companies; ethical aspects of corporate governance			
TOTAL HOURS	15	10	0
OTHER RELEVANT INFORMATION		1	
Monitoring the quality and efficiency of the implementation of the colle program, teaching process, teaching skills and the level of acquired curr implementing of verbal and written evaluation based on questionnaires a methods and in accordance with the regulations of the University of Dul professional colleagues. Self-observation, analysis and corrections.	iculum wi	ll be confi standardiz	irmed ed



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Obrazac

COURSE INFORMATION		
Course name		
	Creative industries and sustainable development in tourism -	
Degree	PhD	
Semester	Summer (2. sem) / Winter (3. sem)	
ECTS points	3 ECTS	
Course status	Elective	
Course leader	Marija Benić Penava, PhD, Full Prof.	
	Vanja Krajinović, PhD, Associate Prof.	
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7, EK - 8	
Phone	+385 20 445 927	
e-mail	marija.benic-penava@unidu.hr; vkrajinovic@efzg.hr	
	COURSE DESCRIPTION	

# **Course content**

From cultural to creative sustainable tourism development • Distinction of correlation of creative industries and sustainable tourism in relation to geographical areas • Creative industries and tourist experience • Characteristics of creative tourists and creative experiences • Creative tourism supply – basis for sustainable development in tourism • Role of the local community in making creative experience • Digital technology in the function of creative industries and sustainable tourism

# Learning outcomes

1. Understand, interpret and offer critical thinking on theories and models in creative industries and sustainable development in tourism

2. Understand the material published in English in professional and scientific literature in the area of creative industries and sustainable development in tourism

3. Apply principles of ethics, social responsibility and sustainable development in tourism

4. Understand and implement analytical research methods in creative industries and sustainable



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# development in tourism 5. Provide critical analysis, evaluation and synthesize

5. Provide critical analysis, evaluation and synthesize new research ideas in creative industries and sustainable development in tourism

6. Implement the knowledge acquired in creative industries and sustainable development in tourism to make development policies on local, regional and national level.

	TEACHING MODE		
🛛 Lectu	ires	☑ Office hours	
☑ Seminars and workshops □ Laboratory		□ Laboratory	
□ Exerc	cises	□ Field work	
🛛 Indep	bendent tasks	□ Mentoring work	
🗆 Multi	imedia and internet	□ Knowledge test	
🗆 Dista	nce education		
	EXAM	INATION METHOD	
🗆 Oral 🛛	exam	Other:	
🛛 Writt	en exam		
	quium		
		READING	
Compuls	sory reading		
Computs	sory reading		
1.		Tourism, Creativity and Development, Oxon: Routledge.,	
	2007.		
2.		sm and Sustainability – Development and New Tourism	
	in the Third World, London an		
3.		urism Management, CABI Publishing, 1999.	
4.	-	ating the city: Digital technology and creative tourism,	
		tives. Vol. 24., 2017, p.p. 86-93.	
Optional	reading		
1.	Flew, T., The Creative Industr	ies, Culture and Policy. Sage, 2012.	



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2.	Lazereti, L. (eds), Creative Industries and Innovation in Euro Comparative Case Studies., London and New York: Routled	-	-		
	LIST OF TOPICS				
No.	TOPIC	Hours			
	TOPIC		E	S	
1.	From cultural to creative sustainable tourism development	2	2	0	
2.	Distinction of correlation of creative industries and sustainable tourism in relation to geographical areas		2	0	
3.	Creative industries and tourist experience	2	2	0	
4.	Characteristics of creative tourists and creative experiences		0	0	
5.	Creative tourism supply – basis for sustainable development in tourism	0	2	0	
6.	Role of the local community in making creative experience Digital technology in the function of creative industries and sustainable tourism	2	2	0	
	TOTAL HOURS	10	10	0	
	OTHER RELEVANT INFORMATION		I	1	

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Obrazac

COURSE INFORMATION		
Course name		
	Customer Relations Management in the Digital Environment	
Degree	PhD	
Semester	Summer (2. sem) / Winter (3. sem)	
ECTS points	3 ECTS	
Course status	Elective	
Course leader	Dubravka Sinčić, PhD, Full Prof.	
Faculty, room no.	,;,	
Phone	;	
e-mail	dsincic@net.efzg.hr	
	COURSE DESCRIPTION	

# **Course content**

1. Maximizing the value of relationships with existing and potential clients in the context of the digital environment 2. Social networks and client relationship management 3. The process of measuring value in the minds of clients 4. Researching the value for clients 5. The concept of satisfaction vs the concept of value for clients 6. Building a model measuring client satisfaction 7. Systematic management of client relationships 8. Client orientation as a company culture

# Learning outcomes

1. Apply the acquired knowledge in order to build and maintain a unique relationship with clients in the context of the digital environment

2. Connect and critically analyze techniques specific to the digital environment in order to improve relationships and interactions with clients

3. Apply the acquired knowledge for the purpose of building a model for measuring user satisfaction in the digital environment

4. Independently research the overall satisfaction and value of the client in the context of the digital



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

environn		
5. Demo	nstrate the ability to systematically	y manage client relationships in a digital environment
	TE	ACHING MODE
🛛 Lectu	ires	☑ Office hours
🗵 Semi	nars and workshops	□ Laboratory
🛛 Exerc	cises	□ Field work
🗆 Indep	bendent tasks	⊠ Mentoring work
🛛 Multi	media and internet	□ Knowledge test
🗆 Dista	nce education	
	EXAM	INATION METHOD
	avam	Other:
	en exam	
	quium	
⊠ Collo	quium	
		READING
Compuls	sory reading	
1.	Kotler, P., Kartajaya, H., Setiav	wan, I, Marketing 4.0, Moving from traditional to digital,
	John Wiley & Sons, Inc., Hobo	oken, New Jersey, 2017.
2.		, Mandić, M, Upravljanje zadovoljstvom klijenata, 2.
	izdanje, AccenT, 2018.	
3.		0, e-Marketing, 3. izdanje, Sveučilište Josipa Jurja
1	Strossmayera, Ekonomski faku	
4.	Marketing, Elsevier Inc, 2010.	nt Content, Strategy, and Design Techniques for Digital
5.		anding digital marketing : marketing strategies for
	engaging the digital generation	
6.		rital Marketing, Palgrave Macmillan, 2014.
Optional	reading	
1	Damian, R., Calvin, J, The best	t digital marketing campaigns in the world : mastering the
1.	art of customer engagement, K	ogan Page Limited, 2011.



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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LIST OF TOPICS				
No.	ТОРІС	Hours		
	TOTIC		E	S
1.	The role of customer relations in the context of the digital environment	1	1	0
2.	Managing customer relations on social media (including social networks)	1	1	0
3.	Creating value in the minds of clients         The relationship between the concept of satisfaction and the concept of value for clients         Research and measurement of customer value		2	0
4.			2	0
5.			2	0
6.	Customer satisfaction measurement model	1	1	0
7.	Client orientation as a prerequisite for success	1	1	0
	TOTAL HOURS	10	10	0

# **OTHER RELEVANT INFORMATION**

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections., which is carried out through an anonymous student survey at the end of the class. • All learning outcomes of the subject are checked by the exam conducted by the teacher



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Obrazac

COURSE INFORMATION		
Course name		
	Cybersecurity	
Degree	PhD	
Semester	Summer (2. sem) / Winter (3. sem)	
ECTS points	3 ECTS	
Course status	Elective	
Course leader	Mario Spremić, PhD, Full Prof.	
Faculty, room no.		
Phone		
e-mail	mspremic@efzg.hr	
	COURSE DESCRIPTION	

# **Course content**

• The aim of the course is to familiarize students with potential forms of abuse of information and other technologies in order to endanger information systems, to point out potential security risks, the possibilities of their realization and the methods of acting in such situations. • The differences between the terms information and cyber security will be explained. • Given that people and human behavior when using information and digital technology are the greatest vulnerabilities in cyber security (in relation to technology, in the "era" of information security), holistic approaches to cyber security management will be presented and analyzed, which, in addition to technological ones, include organizational and social factors.

# Learning outcomes

1. understand, interpret and critically judge the impact of cyber security factors and present the most important research frameworks in this area

2. critically evaluate the application of theoretical frameworks of cyber security management in the context of research work and apply knowledge about models and methods from this field

3. critically review the various options for implementing the cyber security management plan, think



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critically about the scope, reach and methods of its implementation

4. evaluate the impact of current cyber security trends in the context of scientific research in the field of business economics

5. choose a cyber security management strategy that will enable successful and sustainable company operations, argue the choice, evaluate the effects of the choice, and compare the achieved results and set goals

TEACHING MODE						
🛛 Lectu	res	⊠ Office hours				
☑ Seminars and workshops □ Laboratory		□ Laboratory				
□ Exerc	vises	□ Field work				
🛛 Indep	endent tasks	Mentoring work				
🗆 Multi	media and internet	□ Knowledge test				
🗆 Dista	nce education					
	EXAM	INATION METHOD				
□ Oral e	exam	Other:				
🛛 Writte	en exam					
🛛 Collo	quium					
		READING				
Compuls	ory reading					
1.		Protecting national infrastructure, Bh, Elsevier, 2010.				
2.	• • • • •	per security challenges in digital economy, Lecture Notes				
	in Engineering and Computer Science, Proceedings of The World Congress on					
2	Engineering WCE 2018, IAENG, Hong Kong, 2018, p.p. 341-347.					
3.	Atoum I, Otoom A., Abu Ali A., A holistic cyber security implementation framework,					
	Information Management & Computer Security Vol. 22 No. 3, 2014, 2014, p.p. 251- 264.					
4.		rić, N., Two Approaches in Assessing Business				
		des in the Organizational Context, Always-On Enterprise				
		rn Organization, IGI Publishing, 2018, p.p. 159-183.				



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# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

5.	Cheng, Y., Groysberg, B, Why Boards Aren't Dealing with Cyberthreats, Harvard			ırd
	Business Review, February 2017, 2017.			
6.	European Union Agency for Network and Information Security - ENISA, Threat			
	Landscape Report 2017, European Union Agency for Netwo	rk and Inf	ormation	Security
	- ENISA January, 2018, 2018.			
7.	Bailey, T., Kaplan J.M., Rezek, C., Repelling the cyberattack	kers, McK	insey Qua	arterly,
	July 2015, 2015.			
8.	Boehm J., Merrath, P., Poppeksieker, T., Riemenschnitter, R	., Stahle, '	T.,, Cyber	risk
	measurement and holistic cybersecurity approach, McKinse	y Quarter	ly, Noven	ıber
	2018., 2018.			
Optional	reading			
1.	Spremić, M., Sigurnost i revizija informacijskih sustava u o	kruženju	digitalne	
1.	ekonomije, Ekonomski fakultet Zagreb, 2017.			
	Werlinger, R., Hawkey, K., Beznosov, K., "An integrated view of human,			
2.	organizational, and technological challenges of IT security management", Information			
	Management & Computer Security, Vol. 17 Iss: 1, 2021, p.p	. 4-19.		
	Hajdarevic, K., Allen, P., Spremic, M., Proactive security m	etrics for	Bring Yo	ur Own
3.	Device (BYOD) in ISO 27001 supported environments, Tele	communi	cations Fo	orum
	(TELFOR), 2016 24th,, IEEEExplore 2016, 2016, p.p. 41-44	ŀ.		
	Siponen, M.T., Oinas-Kukkonen, H., "A review of informati	on securit	y issues a	nd
4.	respective research contributions", The Database for Advanc	es in Info	rmation S	ystems,
	Vol.38 No.1, 2007, p.p. 60-81.			
5.	ISACA, State of Cyber Security 2017, ISACA, Rolling Meadows, Illinois, USA, 2017.			
6.	Klahr, R., Shah, J.N., Sheriffs, P, et. al, Cyber Security Bread	ches Surv	ey 2017, I	JK
0.	Department for Media, Culture and Sport, 2017.			
	LIST OF TOPICS			
No.	ΤΟΡΙϹ		Hours	
1.0.		L	Ε	S

No.TOPICLESLE<



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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2.	The evolution of the concept of cyber security, the scientific basis of the development of the concept. The most important factors of cyber security	0	5	0	
3.	Evaluating the impact of cyber security. Cyber security management strategies. Examples and case studies	0	5	0	
<ul> <li>Key components of cyber security, the most important</li> <li>scientific and research directions of future development</li> </ul>		5	0	0	
	TOTAL HOURS10100				
OTHER RELEVANT INFORMATION					
Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized					

methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by

professional colleagues. Self-observation, analysis and corrections.



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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COURSE INFORMATION		
Course name		
	Digital Business Models	
Degree	PhD	
Semester	Summer (2. sem)	
ECTS points	5 ECTS	
Course status	Compulsory	
Course leader	Mario Spremić, PhD, Full Prof.	
	Božidar Jaković, PhD, Full Prof.	
Faculty, room no.	· · · ·	
Phone	;	
e-mail	bjakovic@efzg.hr; mspremic@efzg.hr	
	COURSE DESCRIPTION	

# **Course content**

The aim of this course is to: • acquaint students with the latest trends in the functioning of business models in a dynamic (digital) business environment. • Intensive application of basic and advanced digital technologies enables changes in business methods and models, creating prerequisites for changes in existing and creation of new business models. Innovative business models rely almost entirely on information and digital infrastructure, so the course will use a holistic approach in explaining and analyzing the technological, social and organizational aspects of changing business models. • The above will be processed in the context of scientific research in the field of business economics, and research frameworks that are relevant in the field of digital business models will be presented. • The concept of an innovative and digital business model, which implies the integration of 'advanced' digital technology and a 'background', appropriately designed and logically conceived business model, will be discussed.

#### Learning outcomes



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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1. Understand, interpret and critically judge the components of the business model and critically analyze the impact of factors of change and innovation of the business model on successful business management and better business results

2. Critically evaluate the application of theoretical frameworks of digital business models in the context of research work

3. Apply knowledge about the frameworks and methods used to implement changes in the business model using digital technologies

4. To think critically about the scope, reach and ways of innovating the business model with the help of digital technologies

5. evaluate the impact of current trends in the digital economy on the need and opportunities for implementing business model changes in the context of scientific research in the field of business economics

6. analyze the existing business model, evaluate the effects and identify opportunities for improvement and innovation with the help of digital technologies, choose and argue for a change strategy

7. create, present and critically argue a business model innovation plan

TEACHING MODE		
🗵 Lectures	☑ Office hours	
Seminars and workshops	□ Laboratory	
□ Exercises	□ Field work	
☑ Independent tasks	Mentoring work	
□ Multimedia and internet	□ Knowledge test	
□ Distance education		
EXAM	INATION METHOD	
⊠ Oral exam	Other:	
□ Written exam		
🗵 Colloquium		
READING		
Compulsory reading		



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# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

1.	Loebbecke, C., Picot, A, Reflection on societal and business model transformation				
	arising from digitization and Big Data analytics: A research agenda, Journal of Strategic				
	Information Systems Vol. 24, 2015, p.p. 149-157.				
2.	Härting, R.C. Reichstein, C., Schad, M., Potentials of Digital Business Models –				
	Empirical investigation of data driven impacts in industry, Procedia Computer Science				
	126, 2018, p.p. 1495-1506.				
3.	Ibarra, D., Ganzarain, J., Igartua, J.I., Business model innovation through Industry 4.0, a				
	review, Procedia Manufacturing 22, 2018, p.p. 4-10.				
4.	Mark W. Johnson, Clayton M. Christensen, Henning Kagermann, Reinventing Your				
	Business Model, Harvard Business Review, Summer, 1996, p.p. 57-66.				
5.	Teece, D.J., Business models, business strategy and innovation, Long Range Plan. 43,				
	2010, p.p. 172-194.				
6.	Ritter, T., Lettl, C., The wider implications of business-model research,, Long Range				
	Planning 51, 2018, p.p. 1-8.				
Optional	reading				
	Venkatraman N., Strategic alignment: leveraging information technology for				
1.	transforming organizations, IBM Syst J 32(1), 1993, p.p. 4-16.				
	Pejić Bach, M., Spremić, M., & Suša Vugec, D., Integrating Digital Transformation				
2	Strategies into Firms: Values, Routes and Best Practice Examples. In Management and				
2.	Technological Challenges in the Digital Age, Taylor & Francis Group: CRC				
press.Henderson JC, 2018.					
	Kane, G.C., Palmer, D., Philips, A.N., Kiron, D. and Buckley, N., Aligning the				
3.	Organization for Its Digital Future,, IT Sloan Management Review and Deloitte				
	University Press, 2016.				
4.	Spremić, M., Digitalna transformacija poslovanja, Ekonomski fakultet Zagreb, 2017.				
5.	Casadesus-Masanell, R., Tarzij_an, J., When one business model isn't enough, Harv.				
5.	Bus., Rev. 90 (1),, 2012, p.p. 132-137.				
6.	Massa, L., Tucci, C.L., Afuah, A., A critical assessment of business model research,				
0.	Acad. Manag. Ann. 11 (1), 2017, p.p. 73-104.				
	Massa, L., Tucci, C.L., Business model innovation, In: Dodgson, M., Gann, D.M.,				
7.	Phillips, N. (Eds.), The Oxford Handbook of Innovation Management. Oxford				
	University Press, Oxford, 2013, p.p. 420-439.				
	LIST OF TOPICS				



No. TOPIC	Hours			
110.	TOTIC	L	E	S
1.	Digital business model concept. The most important components and frameworks for analysis, the most important research directions. Discussion of the most important research methods and directions		0	0
2.	Technological, business, organizational and other success factors of digital business models. Overview of case studies and discussions	5	0	0
3.	An overview of the most important research and research frameworks in the field of digital business models	0	5	0
4.	Explanation of the framework and methods for analyzing digital business models. Research directions	0	5	0
5.	Success Factors for Digital Business Models, Research Review, Case Studies, Discussion	5	0	0
	TOTAL HOURS	15	10	0
	OTHER RELEVANT INFORMATION		<u> </u>	
program impleme methods	ing the quality and efficiency of the implementation of the colle , teaching process, teaching skills and the level of acquired curri enting of verbal and written evaluation based on questionnaires a and in accordance with the regulations of the University of Dub onal colleagues. Self-observation, analysis and corrections.	culum wi	ll be confi standardiz	rmed ed



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Obrazac

COURSE INFORMATION			
Course name			
	Digital Marketing and Social Media Theory		
Degree	PhD		
Semester	Summer (2. sem) / Winter (3. sem)		
ECTS points	3 ECTS		
Course status	Elective		
Course leader	Goran Vlašić, PhD, Full Prof.		
Faculty, room no.	,		
Phone			
e-mail	gvlasic@efzg.hr		
COURSE DESCRIPTION			

# **Course content**

1. Digital transformation of marketing and development of digital marketing theory 2. Identification of relevant scientific debates and topics in the field of digital marketing (MSI Research Priorities Initiative) 3. Structure of digital media 4. The Big Tech and consequences for digital marketing 5. Characteristics of social media and role digital content 6. The influence of digital technologies on the theory of consumer behavior (consumer decision-making path, user experience and user interface, consumer engagement, personalization, co-reaction) 7. The role of digital technologies in the organization and implementation of marketing activities (Martech) 8. Consequences of the integration of all of marketing channels 9. Leading scientific publications and research centers in the field of digital marketing and social media 10. Designing a research proposal in the field of digital marketing and social media

# Learning outcomes

1. Understand, interpret and critically reflect on the phenomenon of digital transformation from the aspect of marketing

2. Understand and interpret the theory and models of digital marketing and social media



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#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

3. Demonstrate the ability to conceive, design, implement and adapt scientific research processes in the field of digital marketing and social media

4. Independently research issues in the areas of digital marketing and social media and publish original research results

5. Critically analyze, evaluate and synthesize new research ideas in the areas of digital marketing and social media

TEACHING MODE					
🗆 Lectu	ires	☑ Office hours			
🗆 Semi	nars and workshops	□ Laboratory			
🗵 Exerc	cises	□ Field work			
🗵 Indep	bendent tasks	Mentoring work			
🛛 Multi	imedia and internet	□ Knowledge test			
🛛 Dista	nce education				
	EXAM	INATION METHOD			
		Othom			
	□ Oral exam Other:				
	⊠ Written exam				
⊠ Collo	⊠ Colloquium				
READING					
Computs	Compulsory reading				
1.	1. Kannan, P. K., Li, A, Digital marketing: A framework, review and research agenda,				
	International Journal of Research in Marketing. 34, 2017, p.p. 22-45.				
2.	Deighton, J., Kornfeld, L, Interactivity's Unanticipated Consequences for Marketers and				
	Marketing, Journal of Interactive Marketing 23 (1), 2009, p.p. 4-10.				
3.	Malthouse, E., & Hofacker, C, Looking back and looking forward with interactive				
	marketing, Journal of Interactive Marketing, 24(3), 2010, p.p. 181-184.				
4.		of Social Media Marketing, Procedia - Social and			
	Behavioral Sciences 148, 2014				
5.	Lee, I, Big data: Dimensions, evolution, impacts, and challenges, Business Horizons,				
	60(3), 2017, p.p. 293-303.				



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6.	Fudurić, M., Malthouse, E. C., & Viswanathan, V, Keep it, shave it, cut it: A closer look into consumers' video viewing behavior, Business Horizons, 61(1), 2018, p.p. 85-93.				
7.	Erdem, T., Keller, K.L., Kuksov, D., Pieters, R, Understandi empowered world, International Journal of Research in Mar 10.	U	0	•	
8.	Gensler, S., Völckner, F., Liu-Thompkins, Y., Wiertz, C., M Social Media Environment, Journal of Interactive Marketing				
9.	P. A., Marketing in computer-mediated environments: Rese directions, Journal of Marketing, 78(1), 2014, p.p. 20-40.	arch synth	nesis and r	new	
10.	Felix, R., Rauschnabel P.A., Hinsch C., Elements of strateg A holistic framework, Journal of Business Research, 70, 201			keting:	
Optional	reading				
1.	Chaffey, D., Smith, P.R., Digital Marketing Excellence: Pla Integrating Online Marketing, 5th Edition, Routledge, 2017.	nning, Op	otimizing a	and	
2.	Tuten, T.L., Solomon, M.R, Social Media Marketing, 2nd E Ltd, 2014.	dition, SA	GE Public	cations	
	LIST OF TOPICS				
No.	No. TOPIC		Hours		
110.		L	E	S	
1.	Digital transformation of marketing and development of digital marketing theory	2	0	0	
2.	Identification of relevant scientific discussions and topics in the field of digital marketing (MSI Research Priorities Initiative)		2	0	
3.	Structure of digital media	1	0	0	
4.	The Big Tech and its consequences for digital marketing	1	0	0	
5.	Characteristics of social media and the role of digital content	1	0	0	



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OTHER RELEVANT INFORMATION					
TOTAL HOURS10100					
10.	Designing a research proposal in the field of digital marketing and social media	0	8	0	
9.	Leading scientific publications and research centers in the field of digital marketing and social media	1	0	0	
8.	Consequences of integration of all marketing channels	1	0	0	
7.	The role of digital technologies in the organization and implementation of marketing activities (Martech)	1	0	0	
6.	he influence of digital technologies on the theory of consumer behavior (consumer decision-making path, user experience and user interface, consumer engagement, personalization, co-reaction)	2	0	0	

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.



#### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Obrazac

COURSE INFORMATION				
Course name				
	Digital Transformation of Financial Sector			
Degree	PhD			
Semester	Summer (2. sem) / Winter (3. sem)			
ECTS points	3 ECTS			
Course status	Elective			
Course leader	Tonći Svilokos, PhD, Associate Prof.			
	Meri ŠumanTolić, PhD, Associate Prof.			
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,			
	Dubrovnik, EK – 10, C8			
Phone	+385 20 445 938; +385 20 445 929			
e-mail	meri.suman-tolic@unidu.hr; tonci.svilokos@unidu.hr			
COURSE DESCRIPTION				

# **Course content**

Digital transformation of the financial system (FinTech) is present in all domains of financial business. Therefore, the following topics will be covered in this course: • Digital transformation in payment transactions • Digital transformation in the insurance sector (InsurTech) • Modern technological alternatives to borrowing • Digital transformation in managing personal finances • Digital transformation of the regulatory framework of the financial system (RegTech) • Digital capital market transformation • Blockchain technology and cryptocurrencies • Digital transformation of investment management

#### Learning outcomes

1. understand, interpret and critically judge the latest technological changes within the modern financial system

2. By analyzing concrete examples from practice, they will be able to valorize technological innovations in the financial sector



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3. by comparing the trends of digital transformation in various aspects of the modern financial sector, they will be able to critically evaluate the various achievements, opportunities and limitations of digital transformation						
4. Apply the latest financial technological solutions in business and managing both personal and						
business finances						
5. critically evaluate the impact of current trends in the digital transformation of the financial system						
on the economy in the Republic of Croatia and other EU member states						
TEACHING MODE						
⊠ Lectures	☑ Office hours					
Seminars and workshops	□ Laboratory					
Exercises	□ Field work					
□ Independent tasks	Mentoring work					
□ Multimedia and internet	□ Knowledge test					
☑ Distance education						
EXAMINATION METHOD						
⊠ Oral exam	Other:					
🖾 Written exam						
🛛 Colloquium						
READING						
Compulsory reading						
1. Scardovi, Claudio, Digital Transformation in Financial Services, Springer, 2017.						
Optional reading						
	Luigi Wewege, Michael C. Thomsett, The Digital Banking Revolution, DE GRUYTER,					
2020.	2020.					
•	Perry H. Beaumont,, Digital finance, Big Data, Start-ups, and the future of financial					
services, Routledge, 20						
LIST OF TOPICS						


## IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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No.	ТОРІС	Hours		
110.			E	S
1.	Digital transformation in payment transactions	1	1	0
2.	Digital transformation in the insurance sector (InsurTech)	1	1	0
3.	Contemporary technological alternatives to borrowing	1	1	0
4.	Digital transformation in managing personal finances	1	1	0
5.	Digital transformation of the regulatory framework of the financial system (RegTech)	1	1	0
6.	Digital transformation of the capital market	2	2	0
7.	Blockchain technology and cryptocurrencies	2	2	0
8.	Digital transformation of investment management	1	1	0
	TOTAL HOURS	10	10	0
	OTHER RELEVANT INFORMATION		<u>I</u>	1

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# **COURSE INFORMATION**



## IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Obrazac

Course name	
	Economic valorisation of cultural/historical heritage in the
	digital environment
Degree	PhD
Semester	Summer (2. sem) / Winter (3. sem)
ECTS points	3 ECTS
Course status	Elective
Course leader	Marija Benić Penava, PhD, Full Prof.
	Antonio Vlahov, PhD, Associate Prof.
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,
	Dubrovnik, EK - 8
Phone	+385 20 445 927;
e-mail	marija.benic-penava@unidu.hr; avlahov@efzg.hr
	COURSE DESCRIPTION

## **Course content**

Importance of cultural-historical heritage in tourism development in the past Valorisation of heritage in the context of local community development UNESCO and world cultural-historical heritage Treasury of Croatian heritage Revitalisation and preservation of cultural-historical heritage Models of cultural-historical heritage management Valorisation of heritage by creating new tourism products Implementation of technology in interpretation of heritage and creating tourist experience

## Learning outcomes

1. Understand, interpret and critically assess theoretical insights about economic valorization of cultural-historical heritage

2. Compare and critically assess case studies of tourism valorization of cultural heritage

3. Apply knowledge about models of cultural and historical heritage management and their implementation through digital technologies

4. Value the impact of well of Croatian heritage on needs and opportunities for creation of novel



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## IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

tourist products.5. Present and critically argument strategic management plan for cultural and historical heritage in tourism.

TEACHING MODE						
🛛 Lectu	ires	☑ Office hours				
🛛 Semi	nars and workshops	□ Laboratory				
□ Exerc	cises	I Field work				
🛛 Indep	Independent tasks					
🛛 Multi	☑ Multimedia and internet □ Knowledge test					
🛛 Dista	☑ Distance education					
	EXAM	INATION METHOD				
🛛 Oral	exam	Other:				
🛛 Writt	en exam					
🛛 Collo	quium					
		READING				
Compuls	sory reading					
1.	UNESCO (2013), Managing C	Cultural Heritage, World Herit	tage Reso	urce Manu	ıal,	
	Paris; https://whc.unesco.org/e			.013.		
2.	Antolović, J., Menadžment u k	ulturi, Zagreb: Hadrian, 2013	8.			
3.	Antolović, J., Zaštita i očuvanj	e kulturnih dobara , Zagreb:	Hadrian, 2	2009.		
Optional	reading					
1.	Domijan, M. (ed) , World herit Republic of Croatia, 2018.	age sites in Croatia, Zagreb: N	Ministry o	f Culture	of the	
2.	Jelinčić, D.A., Abeceda kulturr	nog turizma, Zagreb: Meandar	rmedi, 200	)9.		
	LIST OF 7	TOPICS				
No.	ТОРІ	C		Hours		
110.	1011	<b>.</b>	L	Ε	S	



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	TOTAL HOURS	10	10	0
6.	and creating tourist experience	_	-	
(	Implementation of technology in interpretation of heritage	2	0	0
5.	Valorisation of heritage by creating new tourism products	0	2	0
4.	Models of cultural-historical heritage management	3	0	0
3.	Revitalisation and preservation of cultural-historical heritage	0	3	0
2.	Croatian heritage			
2.	UNESCO and world cultural-historical heritage Treasury of	2	2	0
	context of local community development			
1.	development in the past Valorisation of heritage in the	3	3	0
1.	Importance of cultural-historical heritage in tourism development in the past Valorisation of heritage in the context of local community development	3		3

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.



## IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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COURSE INFORMATION				
Course name				
	Economics of tourism destination management			
Degree	PhD			
Semester	Summer (2. sem)			
ECTS points	2 ECTS			
Course status	Compulsory			
Course leader	Oliver Kesar, PhD, Full Prof.			
	Ana Portolan, PhD, Associate Prof.			
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,			
	Dubrovnik, EK - 4			
Phone	+385 20 445 923;			
e-mail	ana.portolan@unidu.hr; okesar@efzg.hr			
	COURSE DESCRIPTION			

## **Course content**

• Introduction to the course and definition of key terms • Conceptualisation of tourism destination as a system and implementation of destination management • Determinants of tourism demand and supply in tourism destination • Stages for planning development of tourism destination and relevant plans • Goals and providers of tourism destination development • Role of local community in organisation and management of tourism destination • Life cycle of tourism destination and indicators for monitoring development of tourism destination • Capacities of tourism resources and determinants of sustainable development of tourism destination • Strategic development directions and development of specialised tourism products in tourism destination • Market segmentation, strategic positioning, building image and branding tourism destination • Implementation of modern technologies in tourism destination management • Feasibility of development projects in tourism destination • Management of competitiveness of tourism destination • Evaluation and monitoring tourism destination management • Crisis destination management



#### Sveučilište u Dubrovniku Ekonomski fakultet Lapadska obala 7, 20000 Dubrovnik tel: 00 385 20 445 901, e-mail: ekonomija@unidu.hr

Learnin	g outcomes	
<ol> <li>Impleximately</li> <li>Impleximately</li> <li>Impleximately</li> <li>Defined</li> <li>Makes</li> <li>Demotor</li> <li>Demotor</li> <li>Tourism of the second second</li></ol>	ment knowledge acquired to choos g competitiveness e and give critical analysis of touri , present and offer arguments on st	ements of tourism destination management as a system se optimal tourism destination management model sm destination development indicator trends rategic determinants of tourism destination management sequences and corrective actions due to inadequate nodel
	TE	ACHING MODE
🛛 Lectu	ires	☑ Office hours
🗆 Semi	nars and workshops	□ Laboratory
□ Exerc	cises	□ Field work
🗵 Indep	bendent tasks	□ Mentoring work
□ Mult	imedia and internet	□ Knowledge test
🗆 Dista	nce education	
	EXAM	INATION METHOD
□ Oral	exam	Other:
🗵 Writt	en exam	
⊠ Collo	oquium	
		READING
Compuls	sory reading	
1.	-	Z., Menadžment turističke organizacije i destinacije,
2		nt u turizmu i ugostiteljstvu, 2018.
2.		kom destinacijom: načela i praksa, Split: Ekonomski
3.	fakultet, 2011. Čavlek, N., Bartoluci, M., Preb	ežac, D., Kesar, O. i suradnici , Turizam – ekonomske

osnove i organizacijski sustav, Zagreb: Školska knjiga, 2011.

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Optiona	l reading					
1.	Vanhove, N., The Economics of Tourism Destinations: Theo Economics of Tourism Destinations: Theory and Practice, L	•		018.		
2.	Candela, G., Figini, P., The Economics of Tourism Destination, Bologna: Springer, 2012.					
3.	Morrison, A. M., Marketing and Managing Tourism Destinations, Oxon: Routledge., 2013.					
4.	World Tourism Organization, World Tourism Organization Tourism Destination Management, 2007.	, A Practi	cal Guide	to		
5.	Čorak, S., Trezner, Ž. (ur.), Destinacijske menadžment kom uspješno poslovanje i marketing u turizmu posebnih interesa turistička zajednica., 2014.			enik za		
6.	Horwath HTL, Operativni priručnik za primjenu modela des organizacije (DMO), Zagreb: Glavni ured Hrvatske turističk	-		ent		
	LIST OF TOPICS					
No.	ТОРІС	Hours				
		LE	E	S		
1.	Understand the basics and special requirements of tourism destination management as a system	5	0	0		
2.	Implement knowledge acquired to choose optimal tourism destination management model including competitiveness	0	2	0		
3.	Define and give critical analysis of tourism destination development indicator trends	0	3	0		
4.	Make, present and offer arguments on strategic determinants of tourism destination management	5	0	0		
5.	Demonstrate critical thinking on the consequences and corrective actions due to inadequate tourism destination management	0	5	0		



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## IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

6.	Propose destination crisis management model	5	0	0
	TOTAL HOURS	15	10	0
	OTHER RELEVANT INFORMATION		I	
program impleme methods	ing the quality and efficiency of the implementation of the colle , teaching process, teaching skills and the level of acquired curri- enting of verbal and written evaluation based on questionnaires a and in accordance with the regulations of the University of Dub onal colleagues. Self-observation, analysis and corrections.	culum wi	ll be confi standardiz	rmed ed



### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Obrazac

	COURSE INFORMATION				
Course name					
	Financial Management in Digital Economy				
Degree	PhD				
Semester	Summer (2. sem) / Winter (3. sem)				
ECTS points	3 ECTS				
Course status	Elective				
Course leader	Anita Pavković, PhD, Full Prof.				
	Iris Lončar, PhD, Associate Prof.				
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,				
	Dubrovnik, EK - 5				
Phone	+385 20 445 924				
e-mail	iris.loncar@unidu.hr; apavkovic3@net.efzg.hr				
	COURSE DESCRIPTION				

#### **Course content**

• Bank-centric and market-based financial systems, characteristic financial flows in the economy • Contemporary phenomena and trends in finance, interdisciplinarity and intradisciplinarity of financial management • Value analysis and management of financial and real investments • Management of debt and equity portfolios, "classic" and derivative securities ("complex derivatives") as modern financial instruments • Modern forms of financing (venture capital, crowdfunding...) • Theoretical and practical overview of the target capital structure • Performance measurement of financial institutions and markets • Reform of the regulatory and supervisory infrastructure in the European Union and Croatia • Securitization and structural financing • Financial institutions, techniques and services in the digital economy

### Learning outcomes



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1. Understanding, interpreting and critically observing theory and models in the field of the financial service industry

2. Training for scientific research processes independently or as part of scientific research groups in the field of finance

3. Understanding and practical application of advanced analytical methods in social science research

4. Independent research of problems in the field of business economics and digital transformation in

the broadest sense and publication of the original research results

5. Critical analysis, evaluation and synthesis of new research ideas in the field of finance and digital business

**TEACHING MODE** 

🛛 Lectu	ires	☑ Office hours				
🗆 Semi	nars and workshops	□ Laboratory				
🖾 Exerc	cises	□ Field work				
☑ Independent tasks		Mentoring work				
🛛 Multi	imedia and internet	⊠ Knowledge test				
🛛 Dista	nce education					
	EXAMINATION METHOD					
🛛 Oral	exam	Other:				
□ Written exam						
🗵 Colloquium						
		READING				
Compuls	sory reading					
1	Dricham E E & Houston I E	Eurodomontols of Einspecial Management, 12th				
1.	9	F., Fundamentals of Financial Management, 13th				
-	Edition,, South-Western Cenga					
2.	2. Ushakov, D, Global Trends of Modernization in Budgeting and Finance, IGI Global,					
	USA, 2019.					
3.	Baker, H. K. & Martin, G. S, C	apital Structure and Corporate Financing Decisions:				
	Theory, Evidence and Practice,	, John Wiley & Sons, Inc. New Jersey, 2011.				



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4.	Orsag, S. & Dedi, L, Budžetiranje kapitala: Procjena investicijskih projekata, Masmedia, Zagreb, 2011.				
5.	Rose, P. S. & Hudgins, S. C., Upravljanje bankama i financijske usluge, 8. izdanje, odabrana poglavlja, MATE d.o.o., Zagreb, 2015.				
6.	Greuning, H. & Brajovic Bratanovic, S., Analiza i upravlja Pristupi za ocjenu organizacije upravljanja rizicima i izložen izdanje, odabrana poglavlja, Mate d.o.o., Zagreb, 2006.				
Optiona	l reading				
1.	Culp, C. L, The ART of Risk Management: Alternative Risl and the Convergence of Insurance and Capital Markets, Joh York, 2002.				
2.	Vassallo, W., Crowdfunding for Sustainable Entrepreneurship and Innovation, GI Global, USA, 2017.				
3.	Vinturella, J. B. & Erickson, S. M, Raising Entrepreneurial Capital, 2nd Edition, Elsevier Inc., London, 2013.				
4.	Armour, J. et al, Principles of Financial Regulation, odabrana poglavlja, Oxford University Press, Oxford,, 2016.				
5.	Nicoletti, B, The Future of Fintech: Integrating Finance and Services, odabrana poglavlj, Palgrave Macmillan, Cham, 20		gy in Fina	ncial	
	LIST OF TOPICS				
No.	TOPIC	Hours			
110.		L	E	S	
1.	Bank-centric and market-based financial systems. Characteristic financial flows in the economy	1	1	0	
2.	Contemporary phenomena and trends in finance Interdisciplinarity and intradisciplinarity of financial management	1	1	0	
3.	Value analysis and management of financial and real investments	1	1	0	



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	ing the quality and efficiency of the implementation of the colleg , teaching process, teaching skills and the level of acquired curri	-	•	
	OTHER RELEVANT INFORMATION			1
	TOTAL HOURS	10	10	0
10.	Reform of the regulatory and supervisory infrastructure in the European Union and Croatia	1	1	0
9.	Measuring the performance of financial institutions and markets	1	1	0
8.	Financial institutions, techniques and services in the digital economy	1	1	0
7.	Securitization and structural financing	1	1	0
6.	Modern forms of financing (venture capital, crowdfunding)	1	1	0
5.	Debt and equity portfolio management "Classic" and derivative securities ("complex derivatives") as modern financial instruments	1	1	0
4.	Theoretical and practical overview of the target capital structure	1	1	0

professional colleagues. Self-observation, analysis and corrections.



### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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Obrazac

COURSE INFORMATION					
Course name	Course name				
	Financial Report Analysis				
Degree	PhD				
Semester	Summer (2. sem) / Winter (3. sem)				
ECTS points	3 ECTS				
Course status	Elective				
Course leader Lajoš Žager, PhD, Full Prof.					
	Iris Lončar, PhD, Associate Prof.				
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,				
	Dubrovnik, EK - 5				
Phone	+385 20 445 924				
e-mail	iris.loncar@unidu.hr; lzager@efzg.hr				
COURSE DESCRIPTION					

## **Course content**

• Institutional and conceptual framework of financial reporting • Endogenous and exogenous influencing factors on the financial reporting system • Systematization of basic instruments and procedures of financial statement analysis • Vertical and horizontal analysis of financial statements • Analysis of business security of the company based on financial indicators of liquidity, indebtedness and activity • Analysis of business performance companies based on financial indicators of activity, economy and profitability • Impact of accounting policies and assessments on the security and success of company operations • Locating problem areas and predicting future trends based on the results of financial statement analysis • The problem of financial reporting standardization and comparability of the reporting framework during analysis • A system of non-financial indicators as addition to the analysis of financial statements • The role of financial statement analysis in the detection and prevention of fraud

## Learning outcomes



⊠ Colloquium

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1. Explanation and application of basic concepts and principles of financial statement analysis					
2. Critical analysis and interpretation of the	2. Critical analysis and interpretation of the connection between financial statements and the				
financial indicators derived from them					
3. Designing and implementing a complete	analysis based on the available financial statements and				
drawing conclusions on the quality of busin	ness based on the results obtained				
4. Diagnosing business problems and predi	cting future trends				
5. Based on the overall acquired knowledg	e, making rational decisions related to business, i.e.				
economic trends as a whole, i.e. conducting	g scientific research in the respective field of business				
economics					
1E	ACHING MODE				
🗵 Lectures	☑ Office hours				
□ Seminars and workshops	□ Laboratory				
⊠ Exercises	□ Field work				
☑ Independent tasks	Mentoring work				
Multimedia and internet	□ Knowledge test				
☑ Distance education					
EXAMINATION METHOD					
🗵 Oral exam	Other:				
⊠ Written exam					

	READING				
Compuls	Compulsory reading				
1.	Žager, K. et al., Analiza financijskih izvještaja: načela, postupci, slučajevi, HZRiFD,				
	Zagreb,, 2017.				
2.	Gibson, C. H, Financial Reporting and Analysis: Using Financial Accounting				
	Information, South Western Cengage Learning, Mason, 2013.				
3.	Bhattacharyya, A. K., Corporate Financial Reporting and Analysis, PHI Learning Pvt.				
	Ltd., Delhi, 2018.				



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## IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

4.	Wahlen, J. M., Baginski, S. P. & Bradshaw, M., Financial Reporting, Financial Statement Analysis and Valuation: A Strategic Perspective, Cengage Learning, Boston, 2017.					
Optiona	l reading					
1.	Gulin, D. et al, Poslovno planiranje, kontrola i analiza; drugo izdanje, HZRiFD, Zagreb, 2012.	o, izmijen	jeno i dop	unjeno		
2.	Miller-Nobles, T., Mattison, B. & Matsumura, E. M., Horngren's Financial &					
3.	Melville, A., International Financial Reporting: A Practical C Pearson Education Ltd., Harlow, 2017.	Guide; Six	th Edition	1,		
	LIST OF TOPICS					
No.	ТОРІС		Hours			
110.		L	E	S		
1.	Institutional and conceptual framework of financial reporting Endogenous and exogenous influencing factors on the financial reporting system	1	1	0		
2.	Systematization of basic instruments and procedures for financial statement analysis	1	1	0		
3.	The problem of standardization of financial reporting and the comparability of reporting frameworks during analysis	1	1	0		
4.	A system of non-financial indicators as a supplement to the analysis of financial statements	1	1	0		
5.	The impact of accounting policies and assessments on the safety and success of the company's operations	1	1	0		
6.	Vertical and horizontal analysis of financial statements with examples from practice	1	1	0		



## IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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7.	Liquidity indicators Indebtedness indicators Activity indicators Analysis of business security of the company based on prominent financial indicators	1	1	0	
8.	Economic indicators Profitability indicators Analysis of the company's business success based on prominent financial indicators	1	1	0	
9.	Locating problem areas and predicting future trends based on the results of financial statement analysis	1	1	0	
10.	The role of financial statement analysis in fraud detection and prevention	1	1	0	
	TOTAL HOURS	10	10	0	
	OTHER RELEVANT INFORMATION		<u> </u>	<u> </u>	
Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.					



## IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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COURSE INFORMATION		
Course name		
	Human Resources Management	
Degree	PhD	
Semester	Summer (2. sem) / Winter (3. sem)	
ECTS points	3 ECTS	
Course status	Compulsory	
Course leader	Ivona Vrdoljak Raguž, PhD, Full Prof.	
	Zorica Krželj Čolović, PhD, Associate Prof.	
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,	
	Dubrovnik, EK-6	
Phone	+385 20 445 925; +385 20 445 925	
e-mail	zorica.krzelj@unidu.hr; ivona.vrdoljak@unidu.hr	
	COURSE DESCRIPTION	

## **Course content**

- The concept, significance, goals, activities, roles and position of human resources management in modern management - Concepts and models of strategic human resources management - The effectiveness of the application of human resources management strategies in the context of changes in the environment - Strategic development of human resources and the learning organization - Global dimension of management human resources in the context of industry 4.0 - Labor market and measures of active employment policy - Forecasting of human resource needs and strategic planning of human resources - Job analysis, acquisition, selection and orientation of human resources (mentoring and coaching) - Evaluation of work performance for the purpose of strategic control - Motivating as a managerial process and material and non-material rewarding of employees and managers - Knowledge, education and development of human resources as factors in the position of employees and managers - Up dealing with direct and indirect compensations of employees and managers - Labor relations and the future of workplaces in the context of Industry 4.0 (digital



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environment, new technologies and innovations) - Time management at the employee level in the context of efficient company operations - Stress management - effects and consequences for the employee and the company (burnout syndrome and workplace mobbing)

## Learning outcomes

1. Understand the role of human resources in a strategic context.

2. Apply human resource management strategies that will best reflect the company's corporate, business and functional strategy.

3. To respond to numerous global challenges, trends and changes in the digital environment in the context of Industry 4.0 that reflect on workplaces and their future.

4. Understand and apply job analytics related to planning, acquisition and selection of human resources.

5. Evaluate the work performance of employees and managers for the purpose of implementing strategic control in the company.

6. Apply motivational techniques for rewarding employees and managers in everyday business practice.

7. Understand and apply numerous educational approaches as well as work experience with the purpose of developing human resources in the company.

8. Manage the compensation of employees and managers in the company.

9. Understand the impact of new technologies and innovations on labor relations and the future of workplaces.

TEACHING MODE				
🖾 Lectures	⊠ Office hours			
□ Seminars and workshops	□ Laboratory			
⊠ Exercises	□ Field work			
□ Independent tasks	☑ Mentoring work			
☑ Multimedia and internet	⊠ Knowledge test			
☑ Distance education				
EXAMINATION METHOD				



## IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

r					
□ Oral	l exam Other:				
🛛 Writt	ten exam				
□ Colle	Colloquium				
		READING			
Compuls	sory reading				
1.	Dessler, G, Fundamentals of H	Iuman Resource Management	, 5th ed, F	Pearson Ec	lucation
	Prentice Hall, 2019.				
2.	Dessler, G., Human Resource	Management, 15th ed, Pearso	n Educati	on Prentic	e Hall,
	2017.				
3.	Noe, R. A., Hollenbeck, J. R.,	Gerhart, B., Wright, P. M.,, M	lenadžmei	nt ljudskih	1
	potencijala, Mate, 2006.				
4.	Bahtijarević Šiber, F, Strateški	menadžment ljudskih potenci	jala, Škol	ska knjiga	ı, 2014.
5.	Rahimić, Z., Podrug, N.,, Među	unarodni menadžment ljudskil	h potencij	ala, Ekono	omski
	fakultet Sarajevo, 2013.				
Optional	l reading				
	Drenne I. Driving Concer Dec	witer How to Manage Calf Di	a at a d Eas		
1.	Brenne, L., Driving Career Res		rected Em	ipioyee	
	Development,, Pearson Educat				0.11
2.	Gómez-Mejía, L. R., Balkin, D		Human K	esources,	stn ed,
3.	Pearson Education Prentice Ha	,	Toulor	nd Eronoi	2000
5.	Wood, G, Human Resource Ma Sikavica, P., Bahtijarević-Šiber				
4.	knjiga, 2008.	ι, Γ., ΓΟΙΟSΚΙ- V ΟΚΙC, Ν., ΤΕΠΙΕ	nji menau	izmenta, S	KOISKA
5.	Buble, M., Management, Ekon	omski fakultet Split 2000			
5.	LIST OF	-			
		101105			
No	Hours		Hours		
No.	TOPI	C	L	Ε	S
			L	Ľ	5
	The concept, significance, goals,				
1.	position of human resources man	agement in modern	1	1	0
	management				

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2.	Concepts and models of strategic human resource management with reference to contemporary management.	1	1	0
3.	The effectiveness of the application of human resource management strategies in the context of changes in the environment. Labor relations and the future of jobs in the context of Industry 4.0 (digital environment, new technologies and innovations)	1	1	0
4.	Strategic development of human resources and learning organization	1	1	0
5.	The global dimension of human resource management in the context of Industry 4.0	1	1	0
6.	Labor market and measures of active employment policy	1	1	0
7.	Forecasting human resource needs and strategic human resource planning. Job analysis, acquisition, selection and orientation of human resources (mentoring and coaching). Evaluation of work performance for the purpose of strategic control	1	1	0
8.	Motivating as a managerial process and material and non- material rewarding of employees and managers. Management of direct and indirect compensation of employees and managers	1	1	0
9.	Knowledge, education and development of human resources as factors in the position of employees at the workplace in modern management. Management and career development of employees and managers.	1	1	0
10.	Upravljanje vremenom na razini zaposlenika u kontekstu učinkovitog poslovanja poduzeća. Stres menadžment – efekti i posljedice za zaposlenika i poduzeće (burnout sindrom i mobbing na radnom mjestu	1	1	0



	TOTAL HOURS	10	10	0	
OTHER RELEVANT INFORMATION					
Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.					
	COURSE INFORMATION				
Course name					
	Industrial Policy and Globalisation				
Degree	PhD				
Semester	Summer (2. sem)				
ECTS points	5 ECTS				
Course status	Compulsory				
Course leader	Lorena Škuflić, PhD, Full Prof.				
	Marija Bečić, PhD, Associate Prof.				
Faculty, room no.	Faculty of Economics and Business, I	Lapadska	obala 7,		
	Dubrovnik, C6 - II kat				
Phone	+385 20 445 932				
e-mail marija.becic@unidu.hr; lskuflic@efzg.hr					
	COURSE DESCRIPTION				
Course content					
• FUNDAMENTAL CHARACTERISTICS OF CONTEMPORARY INDUSTRIAL POLICY o					

Theoretical foundations of contemporary industrial policy; Restrictions on industrial growth and development; Production-spatial approach; New structural economy; Neo-Schumpeterian approach; Evolutionary view of industrial policy; Smart specialization policies; • MANAGEMENT OF



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ECONOMIC POLICY o design, management and evaluation of economic policy; interdependence of economic policies and the economic policy matrix approach; compliance and coordination as prerequisites for the effectiveness of economic policies • CHANGES IN BUSINESS MODELS AND INDUSTRIAL POLICY o network effects and bilateral platforms; concept of network and platforms; positive and negative network effects; economic well-being and platforms; market power, price discrimination and platforms; competition among platforms; · LOCAL DIMENSION OF INDUSTRIAL DEVELOPMENT o systematic approach to industrial development; agglomeration externalities and social capital; regional innovation systems; industry clusters; industrial districts; industrial policy in the local and regional context • FOREIGN DIRECT INVESTMENT AS AN INITIATOR OF INDUSTRIAL DEVELOPMENT o forms of foreign direct investment; investment motives of foreign investors; OLI paradigm; transfer of knowledge, technology and skills through foreign investments; absorption capacity; policies to attract foreign investors • GLOBAL VALUE ADDED CHAINS AND GLOBAL PRODUCTION NETWORKS o concept of global value added chain and global production network; segmentation of production in conditions of globalization; global value added chains as a tool for technological catch-up; strategies for entering international production flows; industry lifespan and entry opportunities; industrial policies to maximize the benefits of the global value added chain • EU INDUSTRIAL POLICY o Contemporary EU industrial policy; Reindustrialization strategies; Industrial policy and Industry 4.0; Possibilities of traditional industrial policy measures in the conditions of the fourth industrial revolution; Effectiveness of foreign direct investment, global value added chains in stimulating industrial growth and development

## Learning outcomes

1. Understand the foundations of contemporary industrial policy

2. Analyze and critically evaluate interdependencies in the global production system

3. Analyze and interpret key drivers of technological change, innovation and growth in a globalized economy

4. Apply knowledge of methods and frameworks for formulating and evaluating industrial policy

5. Critically reflect on the scope, reach and ways of implementing industrial policy in the conditions of globalization and the fourth industrial revolution

6. Understand the importance of harmonization and coordination of economic policies for the effectiveness of industrial policy

TEACHING MODE		
⊠ Lectures	⊠ Office hours	
Seminars and workshops	□ Laboratory	



## IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

□ Exerc	cises	□ Field work			
□ Indep	Independent tasks				
🛛 Multi	Multimedia and internet   Knowledge test				
🗆 Dista	nce education				
EXAMINATION METHOD					
	EAAWI	INATION WEITHOD			
□ Oral	exam	Other:			
🗵 Writt	en exam				
⊠ Collo	quium				
		DEADDIG			
		READING			
Compuls	sory reading				
1.	Martin, S, Industrial Organization in Context, Oxford University Press, 2010.				
2.	Stiglitz, J. and Lin, J.Y., The In	dustrial Policy Revolution I-I	II, Palgrav	re, 2013.	
3.	Milberg, W. and D. Winkler, Outsourcing economics. Global value chains and capitalist			apitalist	
	development, Cambridge Unive				
4.	4. Cimoli, M. et al (eds), Industrial Policy and Development, Oxford University Press, 2009.			ress,	
5.	5. Lipczynski, J., Wilson, J. and J. Goddard, Industrial Organisation: Competition, Strategy			Strategy	
	and Policy (4th ed.), Prentice-H	Iall, 2013.			
6.	Lin, J. Y., New Structural Econ	nomics; A Framework for Ret	thinking I	Developme	ent and
	Policy, World Bank, 2012.				
7.	Lee. K., Schumpeterian Analys	is of Economic Catch – Up, C	Cambridge	Universit	ty Press,
Ontin 1	2015.				
Optional	reading				
	LIST OF 7	TOPICS			
No.			Hours	ırs	
1.0.	1011	~	L	E	S

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1.	Theoretical foundations of contemporary industrial policy; Restrictions on industrial growth and development; Production-spatial approach	1	0	0
2.	New structural economy; Neo-Schumpeterian approach	1	1	0
3.	Evolutionary view of industrial policy; Smart specialization policies	1	1	0
4.	Design, management and evaluation of economic policy; interdependence of economic policies and the economic policy matrix approach; compliance and coordination as prerequisites for the effectiveness of economic policies	1	1	0
5.	Network effects and two-sided platforms; concept of network and platforms; positive and negative network effects; economic well-being and platforms; market power, price discrimination and platforms; competition between platforms	1	1	0
6.	Systematic approach to industrial development; agglomeration externalities and social capital	1	1	0
7.	Regional innovation systems; industry clusters; industrial districts; industrial policy in the local and regional context	1	1	0
8.	Forms of foreign direct investment; investment motives of foreign investors; OLI paradigm	1	0	0
9.	Transfer of knowledge, technology and skills through foreign investments; absorption capacity; policies to attract foreign investors	1	1	0
10.	The concept of global value added chain and global production network; segmentation of production in conditions of globalization	1	0	0



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Manitan	OTHER RELEVANT INFORMATION	The second		
TOTAL HOURS 15 10 0				
15.	Effectiveness of foreign direct investment, global value added chains in stimulating industrial growth and development	1	1	0
14.	Industrial policy and Industry 4.0; Possibilities of traditional industrial policy measures in the conditions of the fourth industrial revolution	1	0	0
13.	Contemporary industrial policy of the EU; Reindustrialization strategies	1	1	0
12.	Industry lifespan and entry opportunities; industrial policies to maximize the benefits of the global value chain	1	0	0
11.	Global value added chains as a tool for technological catch- up; strategies for entering international production flows	1	1	0

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.

COURSE INFORMATION		
Course name		
	Innovations, Technology and Industrial Policy	
Degree	PhD	
Semester	Summer (2. sem)	
ECTS points	5 ECTS	



## IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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Course status	Compulsory
Course leader	Nebojša Stojčić, PhD, Full Prof.
	Tomislav Herceg, PhD, Associate Prof.
Faculty, room no.	Rector's office, Branitelja Dubrovnika 41,
Phone	+385 20 445 700
e-mail	nebojsa.stojcic@unidu.hr; therceg@efzg.hr
	COURSE DESCRIPTION

## **Course content**

• TECHNOLOGY AND TECHNOLOGICAL CHANGES o Evolutionary approach to economics; Neo-Schumpeterian approach to technology; New structural economy; Technological paradigms; Technological cycles; Waves of industrial evolution; • CONCEPT OF INNOVATION o Patterns of industrial innovations and the level of economic development; Supply (pull) and demand (push) as sources of innovation; The concept of open innovation; Diffusion of innovations • DISRUPTIVE INNOVATIONS o Technological competencies; Technological inertia; Schumpeterian concept of the company; Start-ups, spin-off companies and innovations; Cooperation between science and economy in the development of innovations; • MANAGEMENT OF TECHNOLOGICAL CHANGES o Dynamic nature of technological competences; Measurement of dynamic competences; Complementarity of resources and absorption capacities; • PUBLIC TECHNOLOGY AND INNOVATION POLICIES o Innovation systems and institutions; Market failures and technology; Public support for technological development and innovation • ECONOMIC CATCH-UP AND TECHNOLOGICAL OPPORTUNITIES o Concept of technological catch-up; Patterns of technological catch-up; Gradual catch-up pattern; Disruptive technologies and technological catchup; Technological windows of opportunity; Life cycle of industries and opportunities to catch up • TECHNOLOGY AND INNOVATION POLICY IN EU o Evolution of technology and innovation policy in EU; Theoretical foundations of technology and innovation policy in the EU. Industrial policy at the level of member countries; smart specialization; Industry 4.0

## Learning outcomes

1. Understand, interpret and critically judge the concept of technological change and critically analyze the impact of technological change on business operations, industrial development and economic development as a whole



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2. Critically evaluate the application of theoretical frameworks of technological change and innovation in the context of research work

3. Apply knowledge about the methods and frameworks used to create preconditions for the process of economic catch-up with the help of innovation and technological policies

4. To think critically about the scope, reach and ways of doing business in the conditions of disruptive technological change

5. Evaluate the impact of public economic policies on business operations, industrial, regional and national development in conditions of technological change

6. Analyze industrial cycles and other characteristics, assess the possibilities of technological catchup and see the possibilities of improving the company's operations through the development of innovations

7. Create, present and critically argue public policies in the field of technology and innovation

TEACHING MODE			
🛛 Lectu	ires	☑ Office hours	
🖾 Semi	nars and workshops	□ Laboratory	
□ Exerc	cises	□ Field work	
🛛 Indep	bendent tasks	Mentoring work	
🛛 Multi	media and internet	□ Knowledge test	
🗆 Dista	nce education		
EXAMINATION METHOD			
$\Box$ Oral of	□ Oral exam Other:		
🗵 Writt	⊠ Written exam		
🗵 Colloquium			
	READING		
Compulsory reading			
1.	1. Dosi G., Technological paradigms and technological trajectories, Research Policy, 11,		
	1982, p.p. 147-162.		
2.		Patterns of Industrial Innovation, Technology Review,	
	June-July, 1978, p.p. 40-47.		



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3.	Di Stefano G., Gambardella A., Verona G., Technology push and demand pull
	perspectives in innovation studies: Current findings and future research directions,
	Research Policy 41, 1978, p.p. 1283-1295.
4.	Nelson R.R. et al, Modern evolutionary economics: an Overview, Cambridge,
	University Press, 2018.
5.	Hall B. Rosenberg N, Handbook of the Economics of Innovation, Elsevier , 2010.
6.	Helfat C. Campo Redondo M., Integrative capabilities, vertical integration and
	innovation over successive technology lifecycles, Organization Science, 27, 2017, p.p.
	249-264.
7.	Czarnistzi D. and Delanote J., Young Innovative Companies: the new high-growth
	firms?, Industrial and Corporate Change, 2013, p.p. 1315-1340.
8.	Adams P. Fontana R. Malerba F., User-industry spinouts: downstream knowledge as a
	source of new firm entry and survival, Organization Science 27, 2016, p.p. 18-35.
9.	Kim J. and Lee C. Y., Technological regimes and firm survival, Research Policy 45,
	2016, p.p. 232-243.
10.	Moeen M. and Agarwal R., Incubation of an Industry: Heterogeneous Knowledge Bases
	and Modes of Value Capture, Strategic Management Journal 38, 2016, p.p. 566-587.
11.	Malerba F., Nelson R., Orsenigo L., Winter S, Innovation and industry evolution,
	Cambridge University Press, 2016.
12.	Baldwin C. Von Hippel E., Modeling a Paradigm Shift: From Producer Innovation to
	User and Open Collaborative Innovation, Management Science, 2011, p.p. 1399-1417.
13.	Geroski P., Models of technology diffusion, Research Policy 29, 2000, p.p. 4-5.
14.	Aharonson B. Schilling M., Mapping the technological landscape: measuring
	technology distance, technological footprint and technology evolution, Research Policy
	45, 2016, p.p. 81-96.
15.	Malerba F. Adams P, Sectoral systems of innovation" in Dodgson M. Gann D. Phillips
	N. The Oxford Handbook of Innovation Management, Oxford University Press, 2014,
	p.p. 183-203.
16.	Lee K. and Malerba F.,, Economic Catch-up by Latecomers in Richard Nelson et al.
	Modern evolutionary economics: an Overview., Cambridge University Press, 2018.
17.	Landini F, Lee K., Malerba F.,, A history-friendly model of the successive changes in
	industrial leadership and the catch-up by latecomers, Research Policy 41, 2, 2017, p.p.
	431-446.
18.	Lee K., Schumpeterian analyses of economic catch up, Cambridge University Press, Ch.
	3 and Ch.5, 2013.



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10		1 .			
19.	Hidalgo C.A., Klinger B. Barabasi A. Hausmann R, The product space conditions and				
	the development of nations, Science 27, 317, 2007, p.p. 428-487.				
20.	Lee K., Malerba F., Toward a theory of catch-up cycles: Windows of opportunity in the				
	evolution of sectoral systems, Research Policy 41, 2, 2017, I	-			
21.	Bleda M. Del Rio P, The market failure and the system failu	re rational	le in techn	ological	
	innovation, Research Policy 42, 2013, p.p. 1035-1052.				
Optional	reading				
von Hippel, E, The dominant role of users in the scientific		strument	innovatio	1	
1.	process, Research Policy, 5 (3), 1976, p.p. 212-239.				
	Henderson R, Clark KB., Architectural Innovation: The Rec	onfigurati	on of Exis	sting	
2.	Product Technologies and the Failure of Established Firms,	Administr	ative Scie	nce	
	Quarterly 35, 2021, p.p. 9-30.				
	Benner MJ., Securities Analysts and Incumbent Response to	Radical	Fechnolog	ical	
3.	Change: Evidence from Digital Photography and Internet Te	elephony,	Organizati	ion	
Science 21 (1), 2010, p.p. 42-62.			-		
Tripsas M Gavetti G Canabilities Cognition and Inertia: Evidence from Digital		ital			
4.	Imaging., Strategic Management Journal, 21 (10/11), 2000, p.p. 1147-1161.				
	Peteraf M., Di Stefano G., Verona G., he elephant in the room of dynamic capabilities:				
5.	Bringing two diverging conversations together, Strategic Management Journal, 34(12),				
	2013, p.p. 1389-1410.				
	Teece DJ., Explicating dynamic capabilities: The nature and	micro fou	indations	of	
<ul> <li>6. (sustainable) enterprise performance, Strategic Management Journal, 28 (13), 2 1319-1350.</li> </ul>					
		,	20 (10), 2007, p.p.		
	Cohen WM, Levinthal DA, Absorptive Capacity: A New Pe	rspective	on Learnii	ng and	
7.	Innovation., Administrative Science Quarterly, 35, 1990, p.p.	-		-8	
	LIST OF TOPICS				
NT	TONIC		Hours		
No.	TOPIC	L	E	S	
		L	Ľ	5	
	Evolutionary approach to economics; Neo-Schumpeterian	1	1	0	
1.	approach to technology	1	1	0	
2.	New structural economy; Technological paradigms;	1	1	0	
	Technological cycles; Waves of industrial evolution			Ĭ	



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in the EU.

## **Sveučilište u Dubrovniku** Ekonomski fakultet Lapadska obala 7, 20000 Dubrovnik tel: 00 385 20 445 901, e-mail: ekonomija@unidu.hr

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3.	Patterns of industrial innovation and level of economic development; Supply (pull) and demand (push) as sources of innovation;	1	1	0
4.	The concept of open innovation; Diffusion of innovations	1	1	0
5.	Technological competences; Technological inertia; Schumpeterian concept of the company	1	1	0
6.	Start-ups, spin-off companies and innovations; Cooperation between science and economy in the development of innovations	1	1	0
7.	Dynamic nature of technological competences; Measurement of dynamic competences; Resource complementarity and absorption capacity;	1	1	0
8.	Innovation systems and institutions; Market failures and technology; Public support for technological development and innovation	1	1	0
9.	Public support for technological development and innovation	1	1	0
10.	The concept of technological catch-up; Patterns of technological catch-up; Gradual catch-up pattern;	1	1	0
11.	Disruptive technologies and technological catch-up;	1	0	0
12.	Technological windows of opportunity; Industry life cycle and catch-up opportunities	1	0	0
	Evolution of technological and innovation policy in the EU;			

Theoretical foundations of technology and innovation policy

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## IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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14.	Industrial policy at the level of member countries; smart specialization	1	0	0
15.	Industry 4.0	1	0	0
	TOTAL HOURS	15	10	0
OTHER RELEVANT INFORMATION				
	ing the quality and efficiency of the implementation of the colle , teaching process, teaching skills and the level of acquired curr		•	

program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.



## IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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COURSE INFORMATION		
Course name		
	Intellectual Property Management	
Degree	PhD	
Semester	Summer (2. sem) / Winter (3. sem)	
ECTS points	3 ECTS	
Course status	Elective	
Course leader	Nebojša Stojčić, PhD, Full Prof.	
	Perica Vojinić, PhD, Associate Prof.	
	Marija Bečić, PhD, Associate Prof.	
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,	
	Dubrovnik, C6; Rector's office, Branitelja Dubrovnika 41,	
	Faculty of Economics and Business, Lapadska obala 7,	
	Dubrovnik, C6 - II kat	
Phone	+385 20 445 933; +385 20 445 700; +385 20 445 932	
e-mail	perica.vojinic@unidu.hr; nebojsa.stojcic@unidu.hr;	
	marija.becic@unidu.hr	
COURSE DESCRIPTION		

## **Course content**

• Basic concepts related to the use of intellectual property in the context of companies and institutions: creativity and learning, intellectual capital, different forms of intellectual property, innovation models; • Intellectual property and product development; • Intellectual capital and innovation management of the company: operation of innovation management, innovative organization and acquisition of technology; • Intellectual property in a global environment: innovation strategies of companies and their participation in global added value chains • Possibilities of financing intellectual capital within an innovative project: global and macro characteristics of innovation financing, innovation project financing instruments of different forms of intellectual property; • Determinants of



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innovation policy development as a prerequisite for greater use of intellectual property; • Analysis, planning, evaluation and procurement of technologies: analysis of technology needs, the most important forms of technology - global level, technology procurement procedure, technology evaluation, and protection of intellectual property; • The future of intellectual property in the context of digital transformation of global, national and local communities;

## Learning outcomes

1. Understand and critically judge concepts related to the use of knowledge and technology in business operations;

2. Critically evaluate the application of the theoretical framework related to product development in the context of research work;

3. Critically review different forms of business innovation strategies, think critically about the scope and ways of implementing the inclusion of companies in global added value chains;

4. Understand, interpret and critically judge the impact of factors that influence the financing of intellectual property

5. • Evaluate the impact of current trends related to the analysis, planning, procurement and evaluation of technologies in the context of research work;

6. Create, present and critically argue a strategic plan for the protection of intellectual property within the company;

7. Critically review various factors in the context of digital transformation that may affect the future of intellectual property within companies and institutions;

TEACHING MODE		
⊠ Lectures	⊠ Office hours	
Seminars and workshops	□ Laboratory	
⊠ Exercises	□ Field work	
☑ Independent tasks	Mentoring work	
☑ Multimedia and internet	□ Knowledge test	
□ Distance education		
EXAMINATION METHOD		



## IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

🗆 Oral	exam	Other:					
🗆 Writt	en exam						
	oquium						
	1						
READING							
Compulsory reading							
1.	Tidd, J., and Bessant, J, Managing Innovation: Integrating Technological, Market and						
	Organizational Change, 5th edition, Chichester: John Wiley & Sons Ltd, 2013.						
2.	Fagerberg, J., Mowery, D., C.,	Nelson, The Oxford Handbo	ok of Innovation, Oxford				
	University Press, 2003.						
3.	WIPO, Intellectual Property Ha	VIPO, Intellectual Property Handbook, World Intellectual Property Organization,					
	Geneva, Switzerland, 2004.						
4.	Day, G. S., Schoemaker, P. J. H., and Gunther, R. E, Wharton on Managing Emerging						
	Technologies, New York: Wiley, 2000.						
5.	Chesbrough, H., The logic of open innovation: managing intellectual property,						
	California Management Review, 45(3), 2003, p.p. 33-58.						
6.	Edvinson, L., Sullivan, P., Dev		• •				
	European Management Journal, Vol 14, (4),, 1996, p.p. 356-364.						
7.	Ferenčić, A. i Kraljeta, V, Prib	avljanje tehnologije, Zagreb:	Informator, 1987.				
Optional	reading						
1.	Marinova, D., Philimore, J., Models of Innovation, , Chapter in Part II of The						
1.	International Handbook on Innovation, 2003, p.p. 44-53.						
2.	Brekić J., Inovativni menadžment,, Zagreb NIP Alinea, 1984.						
3.	Ferenčić, A. i Kraljeta, V, Pribavljanje tehnologije, Zagreb: Informator., 1987.						
1	Anton, J., J., Yao. A., D., Little Patents and Big Secrets: Managing Intellectual						
4.	Property,, RAND Journal of Economic, Vol. 35, 2004, p.p. 1-22.						
5.	Nelson, R., R, National Innovation System, A Comparative Analysis, Oxford						
З.	University Press, 1993.						
6.	Malerba, F., Caloghirou, Y., McKelvey, M., Radoševic, Dynamics of Knowledge						
0.	Intensive Entrepreneurship: Business Strategy and Innovation Policy, Routledge, 2015.						
LIST OF TOPICS							
No.	ТОРІ	С	Hours				

Obrazac

F04-12



### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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		L	E	S
1.	Basic concepts related to the use of intellectual property in the context of companies and institutions: creativity and learning, intellectual capital, different forms of intellectual property, innovation models	1	1	0
2.	Intellectual property and product development	1	1	0
3.	Intellectual capital and innovation management of the company: operation of innovation management, innovative organization and acquisition of technology;		1	0
4.	Intellectual property in a global environment: innovation strategies of companies and their participation in global value added chains;		1	0
5.	Possibilities of financing intellectual capital within an innovative project: global and macro features of innovation financing, innovation project financing;	1	1	0
6.	Financing instruments of various forms of intellectual property;	1	1	0
7.	Determinants of innovation policy development as a prerequisite for greater use of intellectual property;		1	0
8.	Analysis, planning, evaluation and procurement of technologies: analysis of technology needs, the most important forms of technology - global level, technology procurement procedure, technology evaluation;		1	0
9.	Protection of intellectual property;	1	1	0
10.	The future of intellectual property in the context of digital transformation of global, national and local communities;	1	1	0



TOTAL HOURS	10	10	0				
OTHER RELEVANT INFORMATION							
Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.							


### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

F04-12	

Obrazac

COURSE INFORMATION		
Course name		
	Intelligent Data Analytics	
Degree	PhD	
Semester	Summer (2. sem) / Winter (3. sem)	
ECTS points	3 ECTS	
Course status	Elective	
Course leader	Katarina Ćurko, PhD, Full Prof.	
	Nikola Vlahović, PhD, Associate Prof.	
Faculty, room no.	,;,	
Phone	;	
e-mail	kcurko@efzg.hr; nvlahovic@efzg.gr	
	COURSE DESCRIPTION	

# **Course content**

• Introduction to data management and intelligent data processing • Digital data in a transactional and analytical environment: From data to knowledge and wisdom. • Relational data model: structure, development and use. Characteristics of transaction processing. Static reporting on business execution. • Dimensional data model: data storage system. Structure, development and operations. • Analytical data processing and business analytics. Iterative and interactive data analysis. Methods of dynamic reporting on business results/effects. Diagnostics of the business situation/problem. • Concept and technologies of Big Data. • Integration of data warehouse and Big Data. Characteristics and specifics. • Data collection and data extraction. Ontologies for big data. Tools and languages for creating ontologies. • Basics of artificial intelligence and the role of intelligent methods in data processing. Logic programming. Fundamentals of machine learning. Ethics in the application of intelligent data analysis. • Analysis of textual data using artificial intelligence. Analysis of multimedia data using artificial intelligence. • Software agents and multi-agent systems for data processing and analysis. Applications in the Web environment: feedback processing and recommendation systems. • Creation of quality information for decision-making. Neural networks. Self-organizing folders.



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Genetic algorithms. Discovering knowledge in data. • Methods and approaches for working with incomplete, unreliable and imprecise data and knowledge. • Management of information resources in business decision-making and management.

### Learning outcomes

1. Understand and interpret the transactional and analytical environment.

2. Think critically, analyze and know how to apply different data models for a specific business situation/problem.

3. Recognize, interpret, analyze, evaluate and synthesize the problems of managing the company's information resources.

4. Understand and recognize the possibilities of artificial intelligence methods in data processing

5. Critically reflect on ethical challenges and assess the appropriateness of the application of intelligent data processing.

6. Understand and know how to apply different intelligent data processing methods and correctly interpret the obtained results in different business problem situations.

TEACHING MODE				
🖾 Lectures	□ Office hours			
Seminars and workshops	□ Laboratory			
□ Exercises	□ Field work			
☑ Independent tasks	Mentoring work			
☑ Multimedia and internet	□ Knowledge test			
☑ Distance education				
EXAM	INATION METHOD			
□ Oral exam	Other:			
🗵 Written exam				
🗵 Colloquium				
	READING			
Compulsory reading				



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# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

1.	Morabito V, Big Data and Analytics, Strategic and Organization	ational Im	pacts, Cha	am,		
	Springer International Publishing AG Switzerland, 2015.					
2.	Ralph Kimball, Margy Ross, The Data Warehouse Toolkit, 3rd Edition, John Wiley&					
Sons Inc., New York, US, 2013.						
3.	Intel IT Center, Turning Big Data Into Big Insights: The Rise of Visualization-based					
Data Discovery Tools, Intel Corporation, [online],						
	https://www.intel.com/content/dam/www/public/us/en/docu	ments/wh	ite-papers/	big-		
	data-visualization-turning-big-data-into-big-insights.pdf, , 2013.					
4.	Deshpande, A., Kumar, M., Artificial Intelligence for Big D	ata,, Pack	t Publishir	ng, 2018.		
5.	Ricardo Baeza-Yates, Berthier Ribeiro-Neto, Modern Inform	nation Ret	trieval: Th	e		
	Concepts and Technology behind Search, 2nd Edition, ACM	I Press Bo	ooks, 2011	•		
6.	Jerry Kaplan, Artificial intelligence: What everyone needs to	o know, C	Oxford Un	iversity		
	Press, 2016.					
Optiona	l reading					
1.	Bill Inmon, Turning Spreadsheets into Corporate Data, Tech	hnics Pub	lications, 2	2017.		
	McKinsey Global Institute (MGI): Henke N., Bughin J., Chu	ui M., Ma	nyika J., S	aleh J.,		
	Wiseman T., Sethupathy G., The Age Of Analytics: Compe	ting in a I	Data-Drive	en		
2.	World, McKinsey & Company, [online],					
۷.	https://www.mckinsey.com/~/media/McKinsey/Business%2	0Function	ns/McKins	ey%20		
	Analytics/Our%20Insights/The%20age%20of%20analytics%20Competing%20in%20a					
	%20data%20driven%20world/MGI-The-Age-of-Analytics-I					
3.	Matthew Kinsey, Machine Learning For Beginners: Guide To Understand Machine					
5.	Learning, , 2018.					
4.	Kochenderfer, M. J., Decision Making Under Uncertainty: Theory and Application,					
	MIT Press, 2018.					
5.	Wooldredge, M., An Introduction to Multi Agent Systems, 2	and edition	n, Wiley, 2	2009.		
	LIST OF TOPICS					
N	TODIC		Hours			
No.	TOPIC	L	E	S		
	Digital data in a transactional and analytical environment.	1				
1.	Characteristics of transaction processing. Static reporting on	1	3	0		
	business execution.					



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orogran	n, teaching process, teaching skills and the level of acquired curri enting of verbal and written evaluation based on questionnaires a	culum wi	ill be confi	irmed
Aonito	OTHER RELEVANT INFORMATION ring the quality and efficiency of the implementation of the college	The a	uality of t	he
	TOTAL HOURS	10	10	0
6.	Discovering knowledge in data. Methods and approaches for working with incomplete, unreliable and imprecise data and knowledge. Analysis and synthesis of relevant scientific papers and guidelines for further research	1	1	0
5.	Software agents and multi-agent systems for data processing and analysis. Applications in the Web environment: feedback processing and recommendation systems. Ethics in the application of intelligent data analysis.	2	1	0
4.	The role of intelligent methods in data processing. Decision trees and genetic algorithms. Foundations of machine learning. Neural networks. Self-organizing folders	2	1	0
3.	3.The concept of Big Data. Scope of Big Data. Data lakes. NoSQL databases. Hybrid data warehouses.		2	0
2.	<ul> <li>Data storage system. Dimensional model, analytical data processing and business analytics. Iterative and interactive data analysis. Dynamic reporting – analysis and presentation of business process results</li> </ul>		2	0

professional colleagues. Self-observation, analysis and corrections.



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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COURSE INFORMATION		
Course name		
	International Business and Digital Transformation	
Degree	PhD	
Semester	Summer (2. sem)	
ECTS points	5 ECTS	
Course status	Compulsory	
Course leader	Ivo Šperanda, PhD, Associate Prof.	
	Marija Bečić, PhD, Associate Prof.	
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,	
	Dubrovnik, C6 - II kat; Faculty of Economics and Business,	
	Lapadska obala 7, Dubrovnik, EK-7	
Phone	+385 20 445 932; +385 20 445 921	
e-mail	marija.becic@unidu.hr; tzsperanda@gmail.com	
	COURSE DESCRIPTION	

# **Course content**

The course will cover the following topics: Economy of scale-neoliberal foreign trade policy; globalization process and digital transformation; Internationalization companies; of Internationalization theories; New trends in research - Internationalization in the digital environment; Internationalization through digitization; Advanced analysis of foreign market entry strategies; Export as a strategy for entering the foreign market; The role of innovation in the strategy of entering the foreign market; New trends in the digital environment; Trade policy; Customs and non-customs barriers to foreign market entry; Tariffs as an instrument of trade policy and the economic effects of tariffs on the economy; New protectionism? Strategic trade policy and current US foreign trade policy. New trends in the world economy - the impact of digitization; Foreign direct investments; Influence of location on foreign direct investments; Foreign direct investments and technological progress;



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Analysis of trading strategy on futures markets; The relationship between monetary policy and international exchange and common currency policy.

### Learning outcomes

1. Understand, interpret and critically analyze advanced models and theories in the field of international business and internationalization of companies in conditions of digitization;

2. Critically judge, evaluate and synthesize new research ideas in the field of international business in a digital environment

3. Understand and apply advanced analytical methods in scientific research in the field of international business

4. Independently research processes in international business and publish original research results

	TEACHING MODE					
$\boxtimes$	Lectur	res	☑ Office hours			
	Semin	ars and workshops	□ Laboratory			
$\times$	Exerci	ses	□ Field work			
$\times$	☑ Independent tasks ☑ Mentoring work					
$\boxtimes$	Multir	nedia and internet	□ Knowledge test			
	□ Distance education					
		EXAM	INATION METHOD			
X	Oral e	xam	Other:			
$\times$	Writte	n exam				
$\times$	Colloc	luium				
			READING			
Co	ompulse	ory reading				
	1.	Collinson, Simon; Narula, Rajn	eesh; Rugman, Alan M, International Business, 7/E,			
		Pearson United Kingdom, 2017	7			
	2.	Krugman, P. R., Obstfeld, M., a	& Melitz, M., International Trade: Theory and Policy,			
		Prentice Hall,, 2015.				



3.	Krugman, P. R., Obstfeld, M, Meðunrodna ekonomija , (7.izdanje), Mate d.o.o. Zagreb, 2009.					
4.	Krugman P., Doba smanjenih očekvanja, Masmedia, Zagreb, 2002.					
5.	Stiglitz J, Euro, Pofil, Zagreb, 2017.					
Optiona	l reading					
1.	Hill, C.; Hult, G., International Business: Competing in the C McGraw-Hill Education, 2019.	Gglobal M	arket Plac	ce,		
2.	Gandolfo, G., International Trade Theory and Policy, , Sprin Media, 2013.	ger Sciene	ce & Busi	ness		
3.	Krugman P., (et.al), Strategic Trade Policy and the New Inte MIT Press, 1986.	ernational	Economic	cs, The		
4.	Stiglitz, J. E, Globalization and its Discontents, Norton: New	w York, L	ondon, 20	02.		
	LIST OF TOPICS					
No.	ΤΟΡΙϹ		Hours			
NO.	TOTIC	LE		S		
1.	Economy of scale-neoliberal foreign trade policy		1	0		
2.	Globalization process and digital transformation		1	0		
3.	Internationalization of companies; Internationalization in the digital environment; Internationalization through digitization	2	1	0		
4.	Advanced analysis of foreign market entry strategies; The role of innovation in the strategy of entering the foreign market; New trends in the digital environment	2	1	0		
5.	Trade policy; Trade policy instruments	1	1	0		
6.	Barriers to entering the foreign market; New protectionism	1	1	0		



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

7. Foreign direct investments		1	1	0
8.Influence of location on foreign direct investments; Foreign direct investments and technological progress		2	1	0
9.	9. Analysis of trading strategy in futures markets		1	0
10.	The relationship between monetary policy, international exchange and common currency policy	1	1	0
	TOTAL HOURS	15	10	0
	OTHER RELEVANT INFORMATION			
program impleme methods	ing the quality and efficiency of the implementation of the colle , teaching process, teaching skills and the level of acquired curri- enting of verbal and written evaluation based on questionnaires a and in accordance with the regulations of the University of Dub onal colleagues. Self-observation, analysis and corrections.	iculum wi and other s	ll be confi standardiz	rmed ed



### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Obrazac

COURSE INFORMATION		
Course name		
	International Business Negotiation	
Degree	PhD	
Semester	Summer (2. sem) / Winter (3. sem)	
ECTS points	3 ECTS	
Course status	Elective	
Course leader	Katija Vojvodić, PhD, Full Prof.	
	Marija Tomašević Lišanin, PhD, Full Prof.	
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,	
	Dubrovnik, C-8	
Phone	+385 20 445 935	
e-mail	katija.vojvodic@unidu.hr; marija.tomasevic.lisanin@gmail.com	
	COURSE DESCRIPTION	

# **Course content**

• The nature and characteristics of negotiation in a classic and digital business context • Principles of a distributive and integrative negotiation approach • The dual interest model as a determinant of negotiation strategy • The importance of information and dealing with the information dilemma in domestic and international negotiation • Determination of negotiation power and successful use of negotiation leverage • Understanding and the application of BATNA and ZOPA concepts in the domestic and foreign market context • Communication personality and emotional intelligence of the negotiator • Cross-cultural intelligence as an important element of international negotiation • Effective management of the international negotiation process • Composition and functioning of negotiation teams when concluding international deals • Ethical challenges of international negotiation - legal aspects and mediation in resolving conflict situations

#### Learning outcomes



- 1. Plan and prepare the negotiation process and choose appropriate negotiation strategies
- 2. Predict the impact of cultural dimensions and information and communication technologies on the negotiation process
- 3. Analyze negotiation in different types of international business
- 4. Integrate theoretical and practical knowledge about business negotiations in different parts of the world
- 5. Optimize negotiation outcomes in classic and digital business contexts

	TEACHING MODE				
🗵 Lectu	ires	☑ Office hours			
🗵 Semi	nars and workshops	□ Laboratory			
🛛 Exerc	cises	□ Field work			
☑ Independent tasks					
□ Mult	imedia and internet	□ Knowledge test			
🗆 Dista	nce education				
	EXAM	INATION METHOD			
	⊠ Oral exam Other:				
⊠ Collo	oquium				
		READING			
Compuls	sory reading				
1.	Lewicky, R.J., Saunders, D., B	arry, B. Education, 9th ed., 2024., Negotiation, McGraw-			
	Hill, 2024.				
2.		Maglajlić, S., Drašković, N., Principi prodaje i			
	pregovaranja, Ekonomski faku				
3.		ds.), The Palgrave Handbook of Cross-Cultural Business			
	Negotiation, Palgrave Macmill				
4.		n, M., Palić, M., Comparison of Negotiation Behavior of			
	_	ons to Selected EU Trade Partners, Proceedings of FEB			
		ssey Conference on Economics and Business Dubrovnik,			
	FEB Zagreb, 2022.				



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Optiona	l reading					
1.	Baber, W.V., Fletcher-Chen, C., Practical Business Negotia	tion, Rout	ledge, 202	20.		
2.	Morrison-Smith, S., Ruiz, J., Challenges and barriers in virtual teams: a literature review, SN Applied Sciences, 2020, p.p. 1-33.					
3.	Tomašević Lišanin, M., Profesionalna prodaja i pregovaran	je, HUPUI	P, Zagreb,	2010.		
4.	Vojvodić, K., Martinović, M., Pušić, A., The relevance of b building competitive advantage for Croatian micro enterpri No. 1, 2020, p.p. 47-63.		-			
	LIST OF TOPICS					
No.	ТОРІС		Hours			
110.		L	E	S		
1.	Nature and features of negotiation in classic and digital business contexts. Principles of distributive and integrative negotiation approach	1	1	0		
2.	The dual interest model as a determinant of negotiation strategy	1 1		0		
3.	The importance of information and dealing with the information dilemma in domestic and international negotiations.	1	1	0		
4.	Determination of bargaining power and successful use of bargaining leverage.	1	1	0		
5.	Understanding and applying the concepts of BATNA and ZOPA in the domestic and foreign market context.	1	1	0		
6.	Communication personality and emotional intelligence of negotiators.	1	1	0		
7.	Cross-cultural intelligence as an important element of international negotiation.	1	1	0		



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

8.	<ul> <li>9. Virtual teams in the context of international business negotiations.</li> <li>Baselving conflicts in international business negotiations.</li> </ul>		1	0
9.		1	1	0
10.	Resolving conflicts in international business negotiations.	1	1	0
	TOTAL HOURS	10	10	0
	OTHER RELEVANT INFORMATION			
Monitor	ing the quality and efficiency of the implementation of the colle	ge. The qu	ality of th	ne
	tapphing propage tapphing skills and the lovel of acquired over		ll ba confi	rmod
program	, teaching process, teaching skills and the level of acquired curri	icululli wi		Imeu
1 0	enting of verbal and written evaluation based on questionnaires a			
impleme		and other s	standardiz	ed



### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

	COURSE INFORMATION
Course name	
	International Organisational Behaviour
Degree	PhD
Semester	Summer (2. sem) / Winter (3. sem)
ECTS points	3 ECTS
Course status	Elective
Course leader	Najla Podrug, PhD, Full Prof.
	Ana Aleksić Fredotović, PhD, Associate Prof.
Faculty, room no.	·; ·
Phone	;
e-mail	aaleksic@efzg.hr; npodrug@efzg.hr
	COURSE DESCRIPTION

# **Course content**

Introduction to international organizational behavior • Cultural variability and organizational behavior • International specificities of management functions • Basics of individual behavior and diversity management • Basics of group behavior and team management in an international environment • Basics of designing organizations in an international context • Contemporary challenges of organizational behavior in an international context

# Learning outcomes

1. Understand theories and models of organizational behavior in international organizations

2. Understand the peculiarities of management and organizational behavior in an international environment

3. Determine the fundamental forms and causes of differences in the behavior of individuals and groups in the international environment

4. Understand, interpret and critically valorize the importance of individual organizational elements in shaping individual and group behavior in international organizations

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5. Familiarize yourself with the necessary managerial knowledge and skills for successful management and leadership of organizations in international business conditions

6. Recognize global trends in organizational design and management of diversity and individuals at all organizational levels

	TE	ACHING MODE
🛛 Lectu	ires	□ Office hours
🗵 Semi	nars and workshops	□ Laboratory
🗵 Exerc	cises	□ Field work
🛛 Indep	bendent tasks	□ Mentoring work
🗆 Multi	imedia and internet	□ Knowledge test
🗆 Dista	nce education	
	EXAM	INATION METHOD
□ Oral	exam	Other:
🗵 Writt	en exam	
🛛 Collo	oquium	
		READING
Compuls	sory reading	
1.	Rahimić, Z., Podrug, N, Među	narodni menadžment, Sveučilište u Sarajevu, Sarajevo,
	2013.	
2.	McFarlin, D., Sweeney, P, Inte and Cultures, 2nd ed., Routledg	rnational Organizational Behavior: Transcending Borders ge, London, 2017.
3.	Luthans, F., Organizational be	havior, An evidence-based approach, McGraw-Hill, New
	York,, 2011.	
Optional	reading	
1.		lerstanding cross-cultural management, 3rd ed,, Pearson,
	Harlow,, 2016.	
2.		Minkov, M., Cultures and Organizations: Software of the
	Mind, 3rd ed., McGraw-Hill E	ducation, New York, 2010.



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	Western Cengage, Cincinnati, Ohio, 2008. LIST OF TOPICS			
No.	TODIC		Hours	
INO.	ΤΟΡΙΟ	L	Ε	S
1.	The importance and specifics of organizational behavior in the international environment	1	1	0
2.	Dimensions of national culture and influence on organizational behavior	2	2	0
3.	The influence of cultural variability on management functions	2	2	0
4.	Individual differences and diversity management	2	2	0
5.	Challenges of group behavior and teamwork in an international environment	2	2	0
6.	Leadership and contemporary challenges of managing a global workforce and organizations	1	1	0
	TOTAL HOURS	10	10	0
	OTHER RELEVANT INFORMATION			

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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Obrazac

	COURSE INFORMATION
Course name	
	Knowledge Discovery in Data Bases
Degree	PhD
Semester	Summer (2. sem) / Winter (3. sem)
ECTS points	3 ECTS
Course status	Elective
Course leader	Mirjana Pejić Bach, PhD, Full Prof.
	Jovana Zoroja, PhD, Associate Prof.
Faculty, room no.	,;,
Phone	;
e-mail	jzoroja@efzg.hr; mpejic@efzg.hr
	COURSE DESCRIPTION

# **Course content**

Kolegij upoznaje studente s potencijalnim načinima korištenja otkrivanja znanja iz baza podataka u znanstvenim istraživanjima, s ciljem osposobljavanja studenata da koriste navedene metode u izradi znanstvenih radova, te u istraživanju doktorske disertacije. • Objasnit će se tipični istraživački problemi za čije se istraživanje mogu koristiti metode istraživanja otkrivanja znanja iz baze podataka: klasifikacija, prognoziranje i grupiranje. • Korištenjem softverskog paketa studenti će sudjelovati u tri radionice, gdje će izraditi studije korištenja metoda otkrivanja znanja iz baze podataka u znanstvenim istraživanjima. • Studenti će također izraditi vlastiti znanstveno-istraživački projekt. • Uvod u otkrivanje znanja iz podataka u znanstvenim istraživanjima. • Specifičnosti korištenja u znanstvenim istraživanjima. • Proces otkrivanja znanja iz podataka. • Tipične primjene. Metode klasifikacije, predviđanja i grupiranja

# Learning outcomes

1. to pose a research question with regard to the discovery of knowledge from data, to identify an adequate method of data collection, to identify dependent and independent variables, to choose



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methods of knowledge discovery with regard to the characteristics of the variables.

2. understand, interpret and critically judge the process of discovering knowledge from databases in scientific research

3. conduct scientific research using methods of grouping, classification and forecasting (decision trees, cluster analysis, associative rules, regression analysis, neural networks)

4. evaluate the parameters of the knowledge discovery model from databases in scientific research

5. critically evaluate the application of knowledge discovery methods from databases in scientific research in the context of contemporary research in the field of digital business and digital economy

**TEACHING MODE** 

🛛 Lectu	ires	□ Office hours
🗵 Semi	nars and workshops	□ Laboratory
□ Exerc	cises	□ Field work
🛛 Indep	endent tasks	Mentoring work
🗆 Multi	media and internet	□ Knowledge test
🛛 Dista	nce education	
	EXAM	INATION METHOD
□ Oral	exam	Other:
🛛 Writt	en exam	
🛛 Collo	quium	
		READING
Compuls	ory reading	
1.	Witten I H Frank F Hall N	<i>I</i> . A., & Pal, C. J., Data Mining: Practical machine
1.	learning tools and techniques, I	$\mathbf{c}$
2.		Veka-tool for data mining, , 2011.
Optional	· ·	
1.		e learning with case studies, Chapman and Hall/CRC.,
	2016.	
2.	Roiger, R. J., Data mining: a tu	ttorial-based primer., Chapman and Hall/CRC., 2017.



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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LIST OF TOPICS				
No.	TODIC	Hours		
INU.	ΤΟΡΙΟ		E	S
1.	The concept of knowledge discovery from databases. Applications of knowledge discovery from databases and implementation prerequisites. Standardized procedures.	2	0	0
2.	Data preparation. Types of variables. Describing variables. Data download from available databases (UCI, Eurostat). Data collection through own research.	0	1	0
3.	Classification methods. Decision trees. Selection of variables for decision trees. Setting the parameters of the decision tree. Evaluating the validity of the decision tree model.	0	1	0
4.	Grouping methods. Cluster analysis. Selection of variables for cluster analysis. Determining the number of clusters	0	1	0
5.	Connection methods. Associative rules. Setting parameters for selecting rules.	0	1	0
6.	Neural network methods of time series forecasting. Application in stock forecasting.	0	1	0
7.	Application of knowledge discovery from databases in scientific research.	2	0	0
8.	Analysis of research topics in the field of improving the knowledge discovery process from databases (choice of variables, adjustment of parameters, selection of methods).	2	0	0
9.	Case study: Knowledge discovery from databases in finance - credit scoring.	0	1	0
10.	Case study: Knowledge discovery from databases in marketing - market segmentation.	0	1	0



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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program	<b>OTHER RELEVANT INFORMATION</b> ing the quality and efficiency of the implementation of the colleg , teaching process, teaching skills and the level of acquired curri enting of verbal and written evaluation based on questionnaires a	culum wi	ll be confi	rmed
	TOTAL HOURS	10	10	0
15.	Workshop: Defining scientific and practical contribution in research work that uses the method of knowledge discovery from databases	2	0	0
14.	Workshop: Setting up hypotheses in a research paper that uses the method of discovering knowledge from databases.	2	0	0
13.	Case Study: Text Analysis in Social Media Analysis.	0	1	0
12.	Case Study: Text Analysis in Patent Analysis.	0	1	0
11.	Case Study: Database Knowledge Discovery in Forensic Accounting - Fraud Detection	0	1	0

professional colleagues. Self-observation, analysis and corrections.



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Obrazac

COURSE INFORMATION		
Course name		
	Logistics Chains Management in the Digital Environment	
Degree	PhD	
Semester	Summer (2. sem) / Winter (3. sem)	
ECTS points	3 ECTS	
Course status	Elective	
Course leader	Katija Vojvodić, PhD, Full Prof. Sanda Renko, PhD, Full Prof.	
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,	
	Dubrovnik, CK-8	
Phone	+385 20 445 935	
e-mail	katija.vojvodic@unidu.hr; srenko@efzg.hr	
	COURSE DESCRIPTION	
<b>a</b>		

# **Course content**

• Introduction to logistics, principles, systems • Logistics management, logistics performance indicators • New business models and solutions • Importance of integration between elements of logistics chains • Traditional and digital logistics systems • Digitization of key logistics operations • Holders of the internal digital environment • Holders of the external digital environment • Integrations and cooperation • Future strategic directions in logistics chains and business sustainability

# Learning outcomes

1. Create and evaluate new facts, concepts, procedures, principles and theories in the field of logistics, logistics principles and systems.

- 2. Valorize the impact of digitization on business processes
- 3. Combine theoretical knowledge in building a strong internal digital environment
- 4. Critically review and adapt to the external digital environment



-	esize theoretical knowledge and th tion of integrated logistics	ink critically in decision-mak	ing regarding the
	TE	ACHING MODE	
🛛 Lect	ıres	☑ Office hours	
🛛 Semi	nars and workshops	□ Laboratory	
□ Exer	cises	□ Field work	
□ Inde	pendent tasks	Mentoring work	
🛛 Mult	imedia and internet	□ Knowledge test	
🗆 Dista	nce education		
	EXAM	INATION METHOD	
🛛 Oral	exam	Other:	
	ten exam		
⊠ Colle			
		READING	
Compul	sory reading		
1.	Bloomberg, D.J., LeMay, S., H	lanna, J.B, Logistika, Mate i Z	Zagrebačka škola ekonomije
	i managementa, Zagreb, 2006.		
2.	arrison, A., van Hoek, R. & Ski		
	Competing through the Supply 978-1292004150,, 2016.	Chain, Sed, , Pearson; ISBN	-10: 1292004150; ISBN-13:
Optiona	l reading		
	<u> </u>		
1.	Pettit, S. & Wang, Y., E, Logis		11 2
	Competitive Advantage, Koga		
2.	Sinha, R, Logistics in Motion: Paperback – Create Space, Ind		
۷.	ISBN-13: 978-1542933841, 20		1521 10. 15 127550 <del>1</del> 0,
	LIST OF 7		
No.	ТОРІ	С	Hours



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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		L	Ε	S
1.	Introduction to logistics, principles, systems.	1	1	0
2.	Logistics management, logistics performance indicators.	1	1	0
3.	New business models and solutions.	1	1	0
4.	The importance of integration between elements of logistics chains.	1	1	0
5.	Traditional and digital logistics systems.	1	1	0
6.	Digitization of key logistics operations.	1	1	0
7.	Holders of the internal digital environment.	1	1	0
8.	Holders of the external digital environment.	1	1	0
9.	Integrations and cooperation.	1	1	0
10.	Future strategic directions in logistics chains and business sustainability.	1	1	0
	TOTAL HOURS	10	10	0
	OTHER RELEVANT INFORMATION		<u> </u>	1

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized



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methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.



### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Obrazac

COURSE INFORMATION		
Course name		
	Marketing channels and modern technologies	
Degree	PhD	
Semester	Summer (2. sem)	
ECTS points	5 ECTS	
Course status	Compulsory	
Course leader	Mirko Palić, PhD, Full Prof.	
	Marija Dragičević, PhD, Associate Prof.	
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,	
	Dubrovnik, EK - 3	
Phone	+385 20 456 922	
e-mail	marija.dragicevic@unidu.hr; mirkopalic@gmail.com	
	COURSE DESCRIPTION	

# **Course content**

1. Theoretical background and mathematical models of marketing channels 2. Impact of modern trends onto distribution strategies 3. Evolution of the role of intermediary in the channel 4. Delivering value through channel 5. Managing relations, dynamics and structure of distribution channel 6. Role of retail sale in distribution channel 7. Modern technologies in the function of boosting efficiency of distribution channel 8. Acquisition of competitive advantage through distribution channel

# Learning outcomes

1. Understand, interpret and offer critical analysis of theories and models in digital transformation of marketing channels

2. Understand and be able to implement advanced analytical methods when bringing decisions on shaping distribution strategies

3. Critical analysis, evaluation and synthesis of new research ideas in the area of marketing channels

4. Apply knowledge acquired in this course to create competitive advantage by creating and



-	g superior value through marketing		
5. Understand, interpret and offer critical analysis of the phenomenon of digital transformation from the aspect of marketing channels			
	TE	ACHING MODE	
🗵 Lectu	ıres	⊠ Office hours	
🗆 Semi	nars and workshops	□ Laboratory	
⊠ Exer	cises	□ Field work	
🗵 Indep	pendent tasks	□ Mentoring work	
□ Mult	imedia and internet	□ Knowledge test	
🛛 Dista	nce education		
	EXAM	INATION METHOD	
🛛 Oral	⊠ Oral exam Other:		
-			
		READING	
Compul	sory reading		
1.	Palmatier, R.W., Sivadas, E., S	tern, L.W., El-Ansary, A.I. Palmatier, R.W., Sivadas, E.,	
	Stern, L.W., El-Ansary, A.I., N	Marketing Channel Strategy: An Omni-Channel	
	Approach, 9th editon, Routledg		
2.	-	nannels: A Management View, 8th international edition,	
3.	Cengage Learning, Mason, OH		
5.		Marketing Channels: How to build and manage n, Kogan Page, London, UK, 2018.	
4.		Stern, L.W., El-Ansary, A.I., Marketing Channels, 7th	
	international edition, Pearson	•••••••••••••••••••••••••••••••••••••••	
Optional	l reading		
1	Ingene, C.A., Parry, M.E., Ma	thematical models of distribution channels, Kluwer	
1. Academic Publishers, New York, USA, 2005.		rk, USA, 2005.	



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	Publishing, Cheltenham, UK, 2004. LIST OF TOPICS				
No	TOPIC		Hours		
No.	TOPIC	L	E	S	
1.	Theoretical background and mathematical models of marketing channels Impact of modern trends onto distribution strategies	5	0	0	
2.	Evolution of the role of intermediary in the channel Delivering value through channel	0	5	0	
3.	Managing relations, dynamics and structure of distribution channel	0	3	0	
4.	Role of retail sale in distribution channel	5	0	0	
5.	Modern technologies in the function of boosting efficiency of distribution channel	0	2	0	
6.	Acquisition of competitive advantage through distribution channel	5	0	0	
	TOTAL HOURS	15	10	0	
	OTHER RELEVANT INFORMATION			<u> </u>	

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.

# **COURSE INFORMATION**



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Course name	
	Modern marketing theories
Degree	PhD
Semester	Summer (2. sem)
ECTS points	5 ECTS
Course status	Compulsory
Course leader	Jurica Pavičić, PhD, Full Prof.
	Iris Mihajlović, PhD, Associate Prof.
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,
	Dubrovnik, EK-11
Phone	+385 20 445 930
e-mail	iris.mihajlovic@unidu.hr; jurica.pavicic@unidu.hr
	COURSE DESCRIPTION

# **Course content**

Marketing: Concept Marketing: Resources Marketing: Processes Marketing in organisation: Structure Marketing in organisation: Impact of marketing onto business results Marketing in organisation: Integration of marketing and sales Marketing area: Marketing strategy Marketing area: Marketing modelling Marketing are: Consumer behaviour Redefining marketing in digital economy

# Learning outcomes

1. Critical appraisal of theories and models in marketingCritical appraisal of theories and models in marketing

2. Propose a research process and set hypotheses from the area of marketing

3. Understand the concept of marketing and its role in organisation

4. Critical evaluation and understanding of possibilities to improve knowledge in specific marketing areas

5. Understand how to integrate traditional and digital marketing

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	TEACHING MODE		
🛛 Lectu	☑ Lectures □ Office hours		
🗆 Semi	□ Seminars and workshops □ Laboratory		
🛛 Exer	cises	□ Field work	
🛛 Indep	pendent tasks	□ Mentoring work	
□ Mult	imedia and internet	□ Knowledge test	
🗆 Dista	nce education		
	EXAM	INATION METHOD	
🛛 Oral	exam	Other:	
	ten exam		
	oquium		
		READING	
Compuls	sory reading		
1.			
2.	(March), 2017, p.p. 1-7.	K.N., Mapping the Boundaries of Marketing: What	
2.		f Marketing, 80 (November), 2016, p.p. 1-5.	
3.		, Demonstrating the Value of MarketingDemonstrating	
		l of Marketing, 80 (November), 2016, p.p. 173-190.	
4.	Moorman C. and Rust R., The Role of Marketing, Journal of Marketing, 63, 1999.		
5.	Moorman C., Day G.S., Orgar	izing for Marketing Excellence, Journal of Marketing, 80	
	(November), 2014, p.p. 6-35.		
6.	,	, Demonstrating the Value of Marketing, Journal of	
	Marketing, 80 (November), 20		
7.		rketing: The Next 20 Years, Journal of Marketing, 82	
	(July), Journal of Marketing, 8		
8.		rt R. et al (1985), The Organization of Marketing ory of Structure and Performance, Journal of Marketing	
	49, 1985.	ory of Structure and Ferrormance, Journal of Marketing	
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9.	Vohries D., Morgan N., A Configuration Theory Assessment of Marketing Organization Fit with Business Strategy and Its Relationship with Marketing Performance, Journal of
	Marketing, 67 (January), 2003.
10.	Krohmer H. et al, Should Marketing Be Cross-Functional? Conceptual Development
	and International Empirical Evidence, Journal of Business Research, 55, 2002.
11.	Ruekert R., Walker O., Marketing's Interaction with Other Functional Units: A
	Conceptual Framework and Empirical Evidence, Journal of Marketing, 51 (January),
	1984.
12.	Homburg, C., Jensen O., The Thought World of Marketing and Sales: Which
	Difference Makes a Difference?, Journal of Marketing, (July), 2007.
13.	Day G., The Capabilities of Market-Driven Organizations, Journal of Marketing, 58
	(October), 1994.
14.	Kohli, Ajay K. and Bernard J. Jaworski , Market Orientation: The Construct, Research
	Propositions, Journal of Marketing, 54 (2), 1990, p.p. 1-18.
15.	Narver, John C. and Stanley F. Slater, The Effect of a Market Orientation on Business
	Profitability, Journal of Marketing, 54 (4), 1990, p.p. 20-35.
16.	Ajzen, I., Perceived Behavioral Control, Self-Efficacy, Locus of Control, and the
	Theory of Planned Behavior, Journal of Applied Social Psychology, 32, 2002, p.p. 665-
	683.
17.	Jaworski, Bernard J., Ajay K. Kohli, and Arvind Sahay, Market-driven Versus Driving
	Markets, Journal of the Academy of Marketing Science 28 (1), 2000, p.p. 45-54.
18.	Narver, John C., Stanley F. Slater, and Douglas L. MacLachlan Narver, John C., Stanley
	F. Slater, and Douglas L. MacLachlan, Responsive and Proactive Market Orientation
	and New Product Success, Journal of Product Innovation Management, 21 (5), 2024,
	p.p. 334-345.
19.	Maslow, Abraham H., A theory of Human Motivation, Psychological Review, 50
	(4)Psychological Review, 50 (4), 1943, p.p. 370-393.
20.	Klahr, David and Milena Nigam, The equivalence of learning paths in early science
	instruction: Effects of direct instruction and discovery learning, Psychological Science,
	15 (10), 2004, p.p. 661-667.
21.	Mele, Cristina, Jaqueline Pels, and Kaj Storbacka, A Holistic Market
	Conceptualization, Journal of the Academy of Marketing Science, 2014, p.p. 1-15.
22.	Zhou, Kevin Z., Chi K. Yim, and David K. Tse, The Effects of Strategic Orientations
	on Technology- and Market- based Breakthrough Innovations, Journal of Marketing, 69

(2), 2005, p.p. 42-60.



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23.	Christensen Clayton M., Bower Joseph L., Customer power, strategic investment, and the failure of leading firms, Strategic Management Journal, 17 (3), 1996, p.p. 197-218.			
Optional	reading			
1.	Levitt, T., Innovation in marketing: New perspectives for profit and growth, New York: McGraw-Hill, 1962.			w York:
2.	Bettman, James R., An Information Processing Theory of Consumer Choice, Reading: Addison WesleyReading: Addison Wesley, 1979.			
3.	Carpenter, Gregory S. and Donald R. Lehmann, A Model of Switching, and Competition, Journal of Marketing Research 329.		-	
4.	Kotler, P., Kartajaya, H., Setiawan, I. Kotler, P., Kartajaya, H., Setiawan, I., Marketing 4.0, Moving from Traditional to DigitalMarketing 4.0, Moving from Traditional to Digital, John Wiley & Sons, 2017.			
5.	Martin, D., Schouten, Sustainable Marketing, Prentice Hall, 1 edition, 2011.			
6.	East, R., Singh J., Wright, M., Vanhuele, M., Consumer Behaviour, Applications in Marketing, SAGE Publications Ltd., 2017.			
	LIST OF TOPICS			
No.	ТОРІС	Hours		
		L	Ε	S
1.	Marketing: Concept Marketing: Resources Marketing: Processes	5	0	0
2.	Marketing in organisation: Structure Marketing in organisation: Impact of marketing onto business results Marketing in organisation: Integration of marketing and sales03		0	
3.	Marketing area: Marketing strategy     5     0		0	
4.	Marketing area: Marketing modelling	5	0	0



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5.	Marketing are: Consumer behaviour	0	5	0	
6. Redefining marketing in digital economy		5	0	0	
	TOTAL HOURS2080				
OTHER RELEVANT INFORMATION					
	Monitoring the quality and efficiency of the implementation of the college. The quality of the				
program	program, teaching process, teaching skills and the level of acquired curriculum will be confirmed				
implementing of verbal and written evaluation based on questionnaires and other standardized					
methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by					
professional colleagues. Self-observation, analysis and corrections.					



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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COURSE INFORMATION		
Course name		
	National and International Security	
Degree	PhD	
Semester	Summer (2. sem) / Winter (3. sem)	
ECTS points	3 ECTS	
Course status	Elective	
Course leader	Marijana Musladin, PhD, Associate Prof.	
Faculty, room no.	Kampus, 168	
Phone	+385 20 446 011	
e-mail	marijana.musladin@unidu.hr	
	COURSE DESCRIPTION	
Common contant		

# **Course content**

The National and International Security course studies the complex interconnection of security policies and the economy with a special emphasis on international business. As part of the course, the topics of the impact of national security policy on international business are discussed and the paradigm shift in the concept of national and international security due to changes caused by globalization is explained. One of the important topics in the course is the influence of national culture and differences in national culture on security challenges and changes in the international business environment, as well as the influence of the state on the economy, trade and conditions of international business, which is inextricably linked to security at the national and global level. Some of the other topics of the course are strategies for the company's appearance on international markets in conditions of increased security risks, and the role of quality systems in the company's appearance on the international market and their purpose in protecting against business risks, as well as the role of futures markets in protecting against commodity and financial risks. Outline content of the course: • The impact of globalization on business conditions • The importance of culture in international business • The influence of the state on trade and international business conditions • Defining the strategy of entering the international market • Ways of entry of companies into international markets • The role



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of the quality system in the entry of companies into the international market • The role of futures markets in protection against commodity and financial risks • The impact of national security policy on international business

# Learning outcomes

1. Adoption of new, advanced and innovative knowledge about national and global security and their impact on the economy and international business

Development of skills and competencies for the analysis of national and global security challenges in order to identify risks and business opportunities in national and international markets
 Development of the ability to think critically about the interconnectedness of national and global security and international economic flows for the purpose of making strategic decisions

4. Development of written and verbal competences for theoretical and empirical analysis of the impact of national and global security on various phenomena in business operations and the economy

TEACHING MODE			
🛛 Lectu	ires	□ Office hours	
🛛 Semi	nars and workshops	□ Laboratory	
□ Exerc	cises	□ Field work	
🗆 Indep	bendent tasks	□ Mentoring work	
🗆 Multi	media and internet	□ Knowledge test	
🗆 Dista	nce education		
	EXAMINATION METHOD		
⊠ Oral o	exam	Other:	
🛛 Writt	en exam		
🛛 Collo	quium		
		READING	
Compuls	sory reading		
1.		đunarodno poslovanje u uvjetima globalizacije, ISBN	
	953-6895-1-6, Sinergija, Zagreb, 2004.		



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2.	Ghemawat, P., World 3.0, Harvard Business Review Press, knjiga, ISBN 978-1-4221- 3864-9, 2011.			
3.	Lazibat T., Upravljanje kvalitetom, Znanstvena knjiga, Zagre	eb, 2009.		
Optiona	l reading	,		
	LIST OF TOPICS			
No.	ТОРІС		Hours	
110.	TOTIC	L	E	S
1.	The impact of globalization and the state on trade and business conditions	2	2	0
2.	Culture in international business	2	2	0
3.	Strategies of performance on the international market	2	2	0
4.	The role of the quality system in the performance of the company on the international market	1	1	0
5.	The role of futures markets in protection against commodity and financial risks	1	1	0
6.	The impact of national security policy on international business	2	2	0
	TOTAL HOURS	10	10	0
	OTHER RELEVANT INFORMATION		]	

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.



### IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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COURSE INFORMATION		
Course name		
	Neuromarketing	
Degree	PhD	
Semester	Summer (2. sem) / Winter (3. sem)	
ECTS points	3 ECTS	
Course status	Elective	
Course leader	Ivana Pavlić, PhD, Full Prof.	
	Barbara Puh, PhD, Associate Prof.	
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,	
	Dubrovnik, E-K4	
Phone	+385 20 445 929; +385 20 445 923	
e-mail	ivana.pavlic@unidu.hr; barbara.puh@unidu.hr	
	COURSE DESCRIPTION	
Course content		

# **Course content**

Neuromarketing – new marketing paradigm (purpose and importance) • Concept, human brain understanding • Neuromarketing tools • Neuromarketing research methods • Determinants of Neuromarketing: senses and perception • Determinants of Neuromarketing: attention and consciousness • Determinants of Neuromarketing: motions and feelings • Determinants of Neuromarketing: learning and memory • The consumer decision making process • Neuromarketing and marketing communication • Ethical dilemmas

### Learning outcomes

- 1. Understand and critically interpret Neuromarketing concept application in consumer behaviour
- 2. Critically analyse neurological processes in the field of consumer behaviour
- 3. Perceive contemporary analytical tools and methods of consumer behaviour research



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4. Critically review the limitations and ethical dilemmas of Neuromarketing application in consumer behaviour

TEACHING MODE						
🛛 Lectu	ires	☑ Office hours				
Seminars and workshops		⊠ Laboratory	Laboratory			
⊠ Exercises		□ Field work				
☑ Independent tasks		□ Mentoring work	ig work			
☑ Multimedia and internet		□ Knowledge test				
☑ Distance education						
EXAMINATION METHOD						
🛛 Oral	⊠ Oral exam Other:					
⊠ Written exam						
	quium					
READING						
KEADING						
Compulsory reading						
1. Ramsøy, T. Z., Introduction to Neuromarketing & Consumer Neuroscience, Neuron				urons		
	Inc Aps, 2015.					
2.	Šola, M. H., Marketinška oružarnica, Redak, 2012.					
3.	Zurawicki, L., Neuromarketing – Exploring the Brain of the Consumer, Springer, 2010.					
Optional reading						
1.	Morin, C., The Persuasion Code: How Neuromarketing Can Help You Persuade					
	Anyone, Anywhere, Anytime, Wiley, 2018.					
2.	Pradeep, A. K., The buying brain: secrets for selling to the subconscious mind, Wiley,					
2010.						
LIST OF TOPICS						
No.	ΤΟΡΙϹ		Hours			
		L	Ε	S		


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OTHER RELEVANT INFORMATION					
	TOTAL HOURS10100				
6.	Ethical dilemmas	1	1	0	
5.	Neuromarketing and marketing communication	2	2	0	
4.	The consumer decision making process	1	1	0	
3.	Determinants of Neuromarketing: motions and feelings Determinants of Neuromarketing: learning and memory	2	2	0	
2.	Neuromarketing research methods Determinants of Neuromarketing: senses and perception Determinants of Neuromarketing: attention and consciousness	2	2	0	
1.	Neuromarketing – new marketing paradigm (purpose and importance) Concept, human brain understanding Neuromarketing tools	2	2	0	

# **OTHER RELEVANT INFORMATION**

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.

COURSE INFORMATION		
Course name		
	Organisation and Management Theories	
Degree	PhD	
Semester	Summer (2. sem)	



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

ECTS points	5 ECTS
Course status	Compulsory
Course leader	Sanda Rašić Jelavić, PhD, Full Prof.
	Tomislav Hernaus, PhD, Full Prof.
Faculty, room no.	,;,
Phone	;
e-mail	srasic@efzg.hr; thernaus@efzg.hr
	COURSE DESCRIPTION

### **Course content**

• Determination of theory and science of organization/management • Classification and overview of theories of organization and management • Structural theories of organization and management: Theory of scientific management, Administrative theory, Bureaucratic theory • Behaviorist theories of organization and management: Theory of interpersonal relations, Theory of human resources (Theory of participatory of management, Theory of interpersonal competence, Theory of motivation, Theory of leadership) • Modern theories of organization and management: System theory, Theory of sustainable development management, Theory of excellence, Contingency theory, Neo-institutional theory, Population-ecological theory, Theory of organizational economics, Theory of resource interdependence, Multilevel organization theory, network theory of organization • Other theories of organization and management

#### Learning outcomes

1. Explain the role and importance of the scientific study of organization and management practice

2. Describe the context of development and the specificity of certain theories of organization and management

3. Critically review the assumptions of certain theories of organization and management

4. Recognize the complementarity of organization and management theories

5. Discuss the perspective of the development of organizational and managerial science as well as the areas of their application in practice

6. Use the context of individual theories as a starting point for designing and conducting scientific research

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# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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☑ Lectures	TEACHING MODE				
Seminars and workshops					
Exercises     Exercises     Field work					
☑ Independent tasks					
□ Multimedia and internet □ Knowledge test					
□ Distance education					
EXAMINATION METHOD					
☑ Oral exam Other:					
🖾 Written exam					
⊠ Colloquium					
READING					
Compulsory reading					
1. Smith, K. G. i Hitt, M. A., ur., Great Minds in Management: The Process	s of Theory				
Development, Oxford University Press, New York, 2007.	5				
2. Miles, J. A., Management and Organization Theory: A Jossey-Bass Read	der, Jossey-				
Bass, San Francisco, 2012.					
3. Tsoukas, H. i Knudsen, C., ur., The Oxford Handbook of Organization T	Theory: Meta-				
theoretical Perspectives, , Oxford University Press, New York,, 2003.					
Optional reading					
1. Sikavica, P, Organizacija,, Školska knjiga, Zagreb, 2011.					
2. Hernaus, T., Organizacijske teorije, u Galetić, L. (ur.), Organizacija, Sino	ergija				
nakladništvo d.o.o., Zagreb, 2016, p.p. 27-66.					
3. Shafritz, J. M., Ott, J. S. i Jang, Y. S., Classics of Organization Theory, 7	7. izdanje,				
Wadworth Cengage Learning, Boston, 2011.	1 2000				
4. Tosi, H. L, Theories of Organization, SAGE Publications, Thousand Oa					
5. Hatch, M. J. i Cunliffe, A. L, Organization Theory: Modern, Symbolic, a Perspectives, Oxford University Press, New York, 2013.	and Postmodern				



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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NT.	торю			
No.	TOPIC		E	S
1.	Determination of the theory and science of organization/management; Classification and overview of theories of organization and management	1	0	0
2.	Structural theories of organization and management: Theory of scientific management, Administrative theory, Bureaucratic theory	2	1	0
3.	Behaviorist theories of organization and management: Theory of interpersonal relations, Theory of human resources (Theory of participatory management, Theory of interpersonal competence, Theory of motivation, Theory of leadership)	2	2	0
4.	Theory of excellence; Theory of sustainable development management	2	2	0
5.	Micro-theories of organization: theory of job characteristics, theory of self-determination, theories of decision-making	2	1	0
6.	Macro-theories of organization: system theory, contingency and configuration theory, theory of organizational economy	2	1	0
7.	Meta-theories of organization: Population-ecological theory, neo-institutional theory, resource interdependence theory	1	1	0
8.	Multilevel theory and network theory of organization	1	1	0
9.	Building and testing theory: making a theoretical contribution in the field of organization and management	2	1	0
	TOTAL HOURS	15	10	0



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# **OTHER RELEVANT INFORMATION**

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Obrazac

COURSE INFORMATION			
Course name			
	Quality Management		
Degree	PhD		
Semester	Summer (2. sem) / Winter (3. sem)		
ECTS points	3 ECTS		
Course status	Elective		
Course leader	Tomislav Baković, PhD, Full Prof.		
	Marija Dragičević, PhD, Associate Prof.		
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,		
	Dubrovnik, EK - 3		
Phone	+385 20 456 922		
e-mail	marija.dragicevic@unidu.hr; tbakovic@efzg.hr		
	COURSE DESCRIPTION		

# **Course content**

• The concept and role of quality culture in the development of quality management systems. The most successful quality management systems are those that the organization builds on building a quality culture based on values such as: customer satisfaction, continuous improvement, factual decision-making, leadership, etc. • Organizational innovation and quality management systems. The role of innovation as a source of competitiveness is a topic that, due to its topicality, requires special attention. It should be mentioned that the positive impact of the quality system together with the focus on meeting the needs of current customers is often questioned in the innovation literature. • Quality management systems in higher education. Higher education is a key sector for the economic development of the most developed regions and countries of the world. Intensified national and international competition has led to the fact that the area of higher education is becoming the area of application of numerous quality management systems. • Kaizen business philosophy - basics of kaizen



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Japanese business philosophy and "5S" principles of kaizen • Muda, Mura, Muri as causes of inefficiency • GembaKaizen • Examples of application of Kaizen in business practice

# Learning outcomes

- 1. Synthesize the knowledge and concepts needed to build a quality management system.
- 2. Explain the influence of organizational culture on quality management systems
- 3. Explain the impact of the quality management system on the innovativeness of the organization
- 4. Create a quality system development strategy in your own organization
- 5. Critically reflect on the role of quality in higher education systems
- 6. Understand the basics, principles and activities of the kaizen business philosophy
- 7. Analyze the situation and apply 5s kaizen principles in practice

8. Recognize Muda, Mura and Muri situations as causes of inefficiency and apply GembaKaizen in practice

TEACHING MODE			
⊠ Lectures	☑ Office hours		
□ Seminars and workshops	□ Laboratory		
⊠ Exercises	□ Field work		
☑ Independent tasks	Mentoring work		
☑ Multimedia and internet	□ Knowledge test		
□ Distance education			
E	XAMINATION METHOD		
⊠ Oral exam	Other:		
⊠ Written exam			
I Colloquium			
READING			
Compulsory reading			
1 0 0	kvalitetom,, Znanstvena knjiga, Zagreb, ISBN 978-953-95902-		
1-3, 2009.			



2.	Maurer, R, The Spirit of kaizen, Creating lasting excellence one small step at time,				
	McGrawHill, US, 2013.				
3.	Imai. M., Gemba Kaizen: A Commonsense, Approach to a Continuous Improvement				
	Strategy, 2nd Edition, Mcgraw Hill, US, 2012.				
Optiona	reading				
1.	Zairi, M., Deep In Crisis: The Uncertain Future of the Quality Profession, ECBPM, PublishingHouse UK, ISBN 978-1-906993-56-6, 2018.				
1.					
2	Zairi, M., Super Excellence: The path to Sustainable Superior	r Perform	ance,, EC	BPM	
2.	PublishingHouse UK, ISBN 978-1-906993-61-0, 2018.	· · ·			
3.	Schotchmer, A, 5S Kaizenin 90 Minutes, Civencester Manag	gement B	ooks, 200	8.	
	LIST OF TOPICS	-			
	Hours				
No.	ΤΟΡΙΟ	L	E	S	
	The concept and role of quality culture in the development of				
1.	quality management systems.	1	1	0	
2.	Organizational innovation and quality management systems	2	2	0	
2.					
2	Quality management systems in higher education	2	2	0	
3.				-	
	Kaizen business philosophy - basic specifics of business	1	1	0	
4.	philosophy	1	1	0	
	Dringing and methods of Kaizan 59 Muda Mura Maria				
5.	Principles and methods of Kaizen, 5S, Muda, Mura, Muri as	2	2	0	
5.	causes of inefficiency				
	Gemba Kaizen, examples of business practices based on	2	2	0	
6.	Kaizen	2	2	0	
	TOTAL HOURS	10	10	0	
	OTHER RELEVANT INFORMATION				
	OTHER RELEVANT INFORMATION				



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.

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# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Obrazac

	COURSE INFORMATION			
Course name				
	<b>Research Directions in Brand Management</b>			
Degree	PhD			
Semester	Summer (2. sem) / Winter (3. sem)			
ECTS points	3 ECTS			
Course status	Elective			
Course leader	Zoran Krupka, PhD, Full Prof.			
	Sandra Horvat, PhD, Associate Prof.			
Faculty, room no.	· ; ,			
Phone	;			
e-mail	shorvat@efzg.hr; zkrupka@efzg.hr			
	COURSE DESCRIPTION			

#### **Course content**

• Brand management theories. • Product / company / employer / retailer brand management. • Brand management from a social media perspective. • Luxury brand management. • The neuroscience of brand management.

#### Learning outcomes

- 1. Critically evaluate theories and models in the field of brand management.
- 2. Product / company / employer / retailer brand management.
- 3. Brand management from a social media perspective.
- 4. Luxury brand management.
- 5. The Neuroscience of Brand Management.

# **TEACHING MODE**



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

X	Lectu	ectures	
	Semin	nars and workshops	□ Laboratory
$\times$	⊠ Exercises		□ Field work
X	☑ Independent tasks		□ Mentoring work
	Multi	media and internet	□ Knowledge test
	Dista	nce education	
		EXANI	INATION METHOD
X	Oral e	exam	Other:
X	Writte	en exam	
🗵 Colloquium		quium	
			READING
			KEADING
Co	mpuls	ory reading	
	1.	Aaker, D. A., & Keller, K. L., C	Consumer evaluation of brand extensions., Journal of
		Marketing, 54(1), 1990, p.p. 27	
	2.	Alreck, P. L., & Settle, R. B., S	trategies for building consumer brand preference, ournal
		of Product & Brand Manageme	
	3.		entity, corporate branding and corporate marketing;
	4		an Journal of Marketing, 35(3/4), 2001, p.p. 248-291.
	4.		uela, A., Brands as signals: a cross-country validation
	<ul> <li>study, Journal of Marketing, 70(1), 2006, p.p. 34-49.</li> <li>5. Fung So, K. K., Wu, L., Xiong, L., &amp; King, C., Brand Management in the Era of Soci</li> </ul>		
	Media: Social Visibility of Consumption and Customer Brand Identification, Journal o		
		Travel Research, 57(6), 2008, p	-
	6.		, The corporate brand: a strategic asset, Management in
		Practice, 4, 2001, p.p. 1-4.	
	7.	Herstein, R., & Jaffe, E. D., La	unching store brands in emerging markets: resistance
			Strategy, 28(5), 2007, p.p. 13-19.
	8.		measuring, and managing consumer-based brand equity,
	0	Journal of Marketing, 57(1), 19	
	9.		R., How do brands create value?, Marketing Management,
		12(3), 2003, p.p. 26-31.	

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10.	Miles, S. J., & Mangold, G., A conceptualization of the employee branding process,
	Journal of Relationship Marketing, 3(2/3), 2004, p.p. 65-88.
11.	Palumbo, F., & Herbig, P., The multicultural context of brand loyalty, European Journal
	of Innovation Management, 3(3), 2000, p.p. 116-124.
12.	Park, C. W., Jaworski, B. J., & MacInnis, D. J., trategic brand concept-image
	management, Journal of Marketing, 50, 1986, p.p. 135-146.
13.	Perrachione, T. K., & Perrachione, J. R, Brains and brands: developing mutually
	informative research in neuroscience and marketing, Journal of Consumer Behaviour,
	7(4/5), 2008, p.p. 303-318.
14.	Petromilli, M., Morrison, D., & Million, M., Brand architecture: Building brand
	portfolio value, Strategy & Leadreship, 30(5), 2002, p.p. 22-28.
15.	Santos, J. P., Seixas, D., Brandão, S., & Moutinho, L., Neuroscience in branding: A
	functional magnetic resonance imaging study on brands' implicit and explicit
	impressions, Journal of Brand Management, 19(9), 2012, p.p. 735-757.
16.	Sivertzen, A-M., Ragnhild Nilsen, E., & Olafsen, A. H., Employer branding: employer
	attractiveness and the use of social media, Journal of Product & Brand Management,
	22(7), 2013, p.p. 473-483.
17.	Sung, Y., Choi, S. M., Ahn, H., & Song, Y-A., Dimensions of luxury brand personality:
	Scale development and validation, Psychology and Marketing, 32(1), 2015, p.p. 121-
	132.
18.	Tak, P., & Pareek, A., Consumer attitude toward luxury brands: An empirical study,
	Journal of Brand Management, 8(1), 2016, p.p. 7-19.
Optional	reading
1	Aaker, J. L., Dimensions of brand personality, Journal of Marketing Research, 34,
1.	1997, p.p. 347-356.
2	Agarwal, M. K., & Rao, V. R., An empirical comparison of consumer-based measures
2.	of brand equity, Marketing Letters, 7(3), 1996, p.p. 237-247.
	Berens, G., van Riel, C. B. M., & van Bruggen, G. H., Corporate associations and
3.	consumer product responses: the moderating role of corporate brand dominance, Journal
	of Marketing, 69(3), 2005, p.p. 35-48.
1	Bian, Q., Forsythe, S., Purchase intention for luxury brands: A cross cultural
4.	Comparison, Journal of Business Research, 65, 2012, p.p. 1443-1451.
5.	Chancellor, B., & Chatterjee, A, Brain Branding: When Neuroscience and Commerce
5.	Collide, Journal AJOB Neuroscience, 2(4), 2011, p.p. 18-27.



6.	Churchill, G. A., A paradigm for developing better measure	s of marke	ting const	ructs,	
0.	Journal of Marketing Research, 26, 1979, p.p. 64-73.				
7.	Fournier, S., Consumers and their brands: developing relationship theory in consumer			sumer	
	<ul><li>research, Journal of Consumer Research, 24(4), 1998, p.p. 343-373.</li><li>Hatch, M. J., &amp; Schultz, M., Bringing the corporation into corporate branding, European</li></ul>				
8.	Journal of Marketing, 37(7/8), 2003, p.p. 1041-1064.	orporate b	randing, E	uropean	
0	Okonkwo, U., The luxury brand strategy challenge, Journal	of Brand Management, 16,			
9.	2009, p.p. 287-289.				
10.	Walvi, T. H., Three laws of branding: Neuroscientific found		effective l	orand	
	building, Journal of Brand Management, 16(3), 2011, p.p. 176-194.				
11.	Yan, J., Social media in branding: Fulfilling a need, Journal of Brand Management, 18(9), 2011, p.p. 688-696.			ent,	
	LIST OF TOPICS				
			Hours		
No.	TOPIC				
		L	E	S	
1.	Theories of brand management.	2	2	0	
1.					
2.	Private label management.	1	1	0	
۷.					
2	Brand management challenges from a social media	2	1	0	
3.	perspective.	_	-	Ŭ	
	Luxury brand management.	1	1	0	
4.		1	1	Ū	
	The Neuroscience of Brand Management.	2	2	0	
			-	U U	
5.					
			1	0	
5. 6.	Country brand management.	1	1	0	
			1	0	



TOTAL HOURS	10	10	0
OTHER RELEVANT INFORMATION			
Monitoring the quality and efficiency of the implementation of the college	ge. The qu	uality of th	ie
program, teaching process, teaching skills and the level of acquired curri-	culum wi	ll be confi	rmed
implementing of verbal and written evaluation based on questionnaires a	nd other s	standardiz	ed
methods and in accordance with the regulations of the University of Dub	rovnik. E	valuation	by
professional colleagues. Self-observation, analysis and corrections.			



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

F04-12

Obrazac

	COURSE INFORMATION
Course name	
	Research methods in tourism
Degree	PhD
Semester	Summer (2. sem) / Winter (3. sem)
ECTS points	3 ECTS
Course status	Elective
Course leader	Nevenka Čavlek, PhD, Full Prof.
	Ivana Pavlić, PhD, Full Prof.
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,
	Dubrovnik, EK-10
Phone	+385 20 445 929;
e-mail	ivana.pavlic@unidu.hr; ncavlek@efzg.hr
	COURSE DESCRIPTION
Course content	

# **Course content**

Process of scientific research in tourism • Primary and secondary data in tourism • Research methods and analysis of attitudes in tourism • Selected quantitative data analysis methods in tourism • Analysis, processing and interpretation of data collected by quantitative research methods • Qualitative research in tourism • Analysis of selected methods of qualitative research in tourism • Carrying out qualitative research in tourism • Analysis, processing and interpretation of data collected by qualitative research methods • Presentation of results of qualitative research in tourism

#### Learning outcomes

- 1. Define, describe and explain scientific research methods in tourism
- 2. Choose adequate quantitative/qualitative research method in tourism
- 3. Organise and carry out an actual research on tourism market



	ss and analyse and interpret data co ile report on research project	ollected by quantitative and qu	ualitative research methods
	TE	ACHING MODE	
🛛 Lectu	ires	☑ Office hours	
🗆 Semi	nars and workshops	□ Laboratory	
🛛 Exerc	cises	⊠ Field work	
🛛 Indep	bendent tasks	Mentoring work	
🛛 Multi	imedia and internet	□ Knowledge test	
🗆 Dista	nce education		
	EXAMINATION METHOD		
⊠ Oral	exam	Other:	
	en exam		
	1		
		READING	
Compuls	sory reading		
1.	Marušić, M., Prebežac, D., Mil	kulić, J., Istraživanje turističk	ih tržišta, Zagreb:
	Ekonomski fakultet Sveučilišta		
2.	Yin, K. R., Qualitative researc New York, 2015.	h from Start to Finish, Second	d edition. The Guilord Press,
Optional	reading		
1.	Dwyer, L., Gill A. & Seetaram Quantitative and Qualitative A Chletenham, 2012.	pproaches. , Edward Elgar Pu	blishing Limited.
2.	Lune, H. & Berg, B. L. , Qualit Harlow, 2017.	tative Research Methods for the	he Social Sciences, Pearson.
	LIST OF	TOPICS	
No.	TOPI	С	Hours



## IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

		L	E	S
1.	Process of scientific research in tourism Primary and secondary data in tourism Research methods and analysis of attitudes in tourism	2	2	0
2.	Selected quantitative data analysis methods in tourism Analysis, processing and interpretation of data collected by quantitative research methods Qualitative research in tourism	2	2	0
3.	Analysis of selected methods of qualitative research in tourism	2	2	0
4.	Carrying out qualitative research in tourism	2	0	0
5.	Analysis, processing and interpretation of data collected by qualitative research methods	0	2	0
6.	Presentation of results of qualitative research in tourism	2	2	0
	TOTAL HOURS	10	10	0
	OTHER RELEVANT INFORMATION			
program implement methods	ring the quality and efficiency of the implementation of the collegen, teaching process, teaching skills and the level of acquired curri enting of verbal and written evaluation based on questionnaires as and in accordance with the regulations of the University of Dub onal colleagues. Self-observation, analysis and corrections.	culum wi and other s	ll be conf standardiz	irmed æd



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Obrazac

COURSE INFORMATION		
Course name		
	Sharing economy in tourism	
Degree	PhD	
Semester	Summer (2. sem) / Winter (3. sem)	
ECTS points	3 ECTS	
Course status	Elective	
Course leader	Iris Mihajlović, PhD, Associate Prof.	
	Danijela Ferjanić Hodak, PhD, Associate Prof.	
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,	
	Dubrovnik, EK11	
Phone	+385 20 445 930	
e-mail	iris.mihajlovic@unidu.hr; dferjanic@efzg	
	COURSE DESCRIPTION	

# **Course content**

Theoretical framework of sharing economy, social-economic aspects as premises for defining the concept and the model; Multi-sector approach to sharing economy; Challenges in the business environment – drivers of implementation of business models; Social peer-to-peer processes; Interactivity and creating value for consumers, innovative tools; Impact of sharing economy onto economic sector and environment; Implementation of sharing economy in hospitality – challenges and trends, development, effects; Implementation of sharing economy in tourist agency business – challenges and trends, development, effects;Future of sharing economy in tourism.

# Learning outcomes

1. To apply innovative tools in business as part of support network mechanisms

2. To develop skills of consumer value creation

3. To analyse and apply models for monitoring of efficiency valuation of sharing economy in the field of tourism intermediation, transport and hospitality



4. To develop analytical approach and on its basis to apply innovative tools of sharing in the field of hospitality, intermediation and transport

	TEACHING MODE			
🛛 Lectu	ıres	⊠ Office hours		
🛛 Semi	nars and workshops	□ Laboratory		
🛛 Exer	cises	□ Field work		
🗆 Indej	bendent tasks	⊠ Mentoring work		
□ Mult	imedia and internet	□ Knowledge test		
🗆 Dista	$\Box$ Distance education			
	EVAM	ΙΝΑΤΙΟΝ ΜΕΤΗΟΒ		
	EXAMINATION METHOD			
🛛 Oral	exam	Other:		
🛛 Writ	⊠ Written exam			
🛛 Collo	oquium			
		READING		
Compul	sory reading			
1.	Aigrain, P., Sharing: Culture a	and the Economy in the Internet Age, Amsterdam:		
	Amsterdam University Press., 2			
2.		n access: Sharing and collaborative consumption online,		
	Journal of Business Research, o			
3.	_	What's Mine Is Yours: How Collaborative Consumption		
	is Changing the Way We Live,			
4.		F., Is sharing the solution? Exploring public acceptability al of Cleaner ProductionJournal of Cleaner Production,		
	195, 2018, p.p. 939-948.	if of Cleaner FloductionJournal of Cleaner Floduction,		
5.		A review and agenda for future research, International		
5.	Journal of Hospitality Manager	-		
6.		eds., The Collaborative Economy and Tourism -		
		and Prospects, Copenhagen SV: Springer, 2017.		

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7.	Pekarskaya, M., Sharing Economy and Socio-Economic Tra	ansitions:	An Applic	cation of
	the Multi-Level Perspective on a Case Study of Carpooling	in the USA	A (1970–2	.010),
	Lund University: Lund, Sweden, 2015.			
8.	Ranjbari, M., Morales-Alonso, G., Carrasco - Gallego, R., C	onceptual	izing the S	Sharing
	Economy through Presenting a Comprehensive Framework	, Sustaina	bility 10(7	), 2018,
	p.p. 2-24.			
9.	Sutherland, W. and Jarrahi, M. H., The sharing economy an	d digital r	latforms:	A
	review and research agenda, International Journal of Information			
	2018, p.p. 328-341.		0	
10.	Sundararajan, A., The Sharing Economy: The End of Emplo	oyment an	d the Rise	e of
	Crowd-Based Capitalism., Cambridge and London: The MI	•		
Optiona	l reading			
	Fang, B. Ye, Q. Law, R., Effect of sharing economy on tour	ism indus	try emplo	vment.
1.	Annals of Tourism Research 57, 2017, p.p. 247-278.			<i>J</i> ,
	Dredge, D. and Gyimóthy, S. , The collaborative economy :	Critical p	erspective	S.
2.	questionable claims and silenced voices, Tourism Recreation	-	-	
	p.p. 286-300.		, (0), -	,
	Frenken, K., Schor, J., Putting the sharing economy into per	spective.	Environn	nental
3.	Innovation and Societal Transitions 23, 2017, p.p. 1-3.			
	LIST OF TOPICS			
			Hours	
No.	TOPIC	T	F	C
		L	E	S
	Theoretical framework of sharing economy, social-economic			
1.	aspects as premises for defining the concept and the model	3	3	0
1.	Multi-sector approach to sharing economy			
	Challenges in the business environment – drivers of			
2.	implementation of business models Social peer-to-peer	2	2	0
	processes			
	Interactivity and creating value for consumers, innovative			
		1	1	1
2		0	3	0
3.	tools Impact of sharing economy onto economic sector and	0	3	0
3.		0	3	0

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# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

4.	Implementation of sharing economy in hospitality – challenges and trends, development, effects	3	0	0
5.	Implementation of sharing economy in tourist agency business – challenges and trends, development, effects	0	2	0
6.	Future of sharing economy in tourism	2	0	0
	TOTAL HOURS	10	10	0
	OTHER RELEVANT INFORMATION			
Monitor	OTHER RELEVANT INFORMATION ing the quality and efficiency of the implementation of the college	ge. The qu	ality of th	ie
		-	•	
program	ing the quality and efficiency of the implementation of the colleg	culum wi	ll be confi	rmed
program impleme	ing the quality and efficiency of the implementation of the colleg , teaching process, teaching skills and the level of acquired curri	culum wi nd other s	ll be confi standardiz	rmed ed



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

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	COURSE INFORMATION
Course name	
	Strategic management in tourism and digital transformation
Degree	PhD
Semester	Summer (2. sem)
ECTS points	5 ECTS
Course status	Compulsory
Course leader	Nevenka Čavlek, PhD, Full Prof.
	Mislav Ante Omazić, PhD, Full Prof.
Faculty, room no.	,;,
Phone	;
e-mail	ncavlek@efzg.hr; momazic@net.efzg.hr
	COURSE DESCRIPTION

# **Course content**

In this course globalisation processes and modern trends in tourism causing structural changes in the global tourism market are studied. Critical analysis of integration and consolidation processes is made as well as of internationalisation of tourism companies operation (particularly in hotel industry and tour-operating), leading to formation of multinational corporations and creating unfavourable earning conditions for small and medium enterprises. Advantage and disadvantages of classical as opposed to modern distribution channels are analysed, also strategies for obtaining and maintaining competitive advantage of destinations and enterprises under SoLoMo technology in digital distribution of services are analysed. Methodological approach to development of strategic plans is elaborated on macro and micro level (tourism destinations and tourism companies) and examples of good practices in business innovations are given.

# Learning outcomes

1. Ability to recognise and respond to critical elements within the dynamic changes process on the international tourism market • Demonstration of ability to analyse structural relationships and



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changes on emissive and receptive tourism market, as well as planning, organisation and decision making on necessary activities for solving business challenges • Ability to understand the process and activities of corporate strategic planning • To define and evaluate relevant management strategies in tourism on macro and micro level in digital transformation context • To demonstrate ability to recognise opportunities for gaining competitive advantage on tourism market • To make, present and offer arguments on the strategic tourism destination or enterprise management plan in the digital environment

	TE	ACHING MODE
🛛 Lectu	ires	☑ Office hours
🗆 Semi	nars and workshops	□ Laboratory
□ Exer	cises	□ Field work
🗵 Indep	pendent tasks	□ Mentoring work
□ Mult	imedia and internet	□ Knowledge test
Dista	nce education	
	EXAM	INATION METHOD
□ Oral	exam	Other:
🗵 Writt	ten exam	
🛛 Colle	oquium	
		READING
Compuls	sory reading	
1.	Moutinho, L., Strategic Manag	gement in Tourism, CABI Publishing, 2018.
2.		nt for Tourism, Hospitality and Events, second edition,
	Routledge, 2015.	
3.		ormation Technology, CABI Publishing, 2019.
4.	-	ion and Intermediaries U Cooper, C., Volo, S. Gartner,
		AGE Handbook of Tourism Management, SAGE
	Publications Ltd., 2018.	
5.		ns, J.C., Baloglu, S., Marketing for Hospitality and
	Tourism, Pearson, 2017.	



Optional	reading			
1.	Phillips, P. & Moutinho, L., Critical review of strategic plan and tourism, Critical review of strategic planning research in Annals of Tourism Research, Volume 48, 2014, p.p. 96-120.	hospitalit		
2.	Čavlek, N., Communist Connections? Chinese Tourists in C Asian Tourists, P.L. Pearce & M-Y. Wu (eds). Emerald: Bin	Croatia,uT		
3.	Dwyer, L. Edvards, D. Mistilis, N. Roman C., Destination a for a tourism future, Tourism Management, 30(2), 2009, p.p.	_	rise manag	gement
4.	Čavlek, N., Travel and Tourism Intermediaries: Their Chang Tourism Economics: Analysis, New Applications and Case S World Scientific Publishing: Singapore ISBN: 978-9814327 LIST OF TOPICS	Studies, C	. Tisdell (	ed.),
			Hours	
No.	TOPIC	L	E	S
1.	Ability to recognise and respond to critical elements within the dynamic changes process on the international tourism market	5	0	0
2.	Demonstration of ability to analyse structural relationships and changes on emissive and receptive tourism market, as well as planning, organisation and decision making on necessary activities for solving business challenges	0	3	0
3.	To define and evaluate relevant management strategies in tourism on macro and micro level in digital transformation context	0	2	0
4.	To demonstrate ability to recognise opportunities for gaining competitive advantage on tourism market	5	0	0
5.	To make, present and offer arguments on the strategic tourism destination or enterprise management plan in the digital environment	0	5	0



6.	To make, present and offer arguments on the strategic tourism destination or enterprise management plan in the digital environment	5	0	0
	TOTAL HOURS	15	10	0
	OTHER RELEVANT INFORMATION			
	ing the quality and efficiency of the implementation of the collegen, teaching process, teaching skills and the level of acquired curri		-	
	enting of verbal and written evaluation based on questionnaires a			



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Obrazac

COURSE INFORMATION			
Course name			
	Strategy in the Context of Marketing Interactivity		
Degree	PhD		
Semester	Summer (2. sem) / Winter (3. sem)		
ECTS points	3 ECTS		
Course status	Elective		
Course leader	Jurica Pavičić, PhD, Full Prof.		
	Goran Vlašić, PhD, Full Prof.		
Faculty, room no.	· · · · ·		
Phone	;		
e-mail	gvlasic@efzg.hr; jurica.pavicic@unidu.hr		
	COURSE DESCRIPTION		

# **Course content**

• Strategy and interactivity – principles and tools • Strategy and personalization – decision-making process • Strategy and platform economy • Strategy and expert systems • Strategy and data and information ("big data") • Strategy and artificial intelligence

# Learning outcomes

1. Critically evaluate theories and models in the field of strategic marketing and the challenges and adaptations that arise as a result of mass interactivity

2. Propose a research process and set hypotheses in the field of strategic marketing in the context of interactivity

- 3. Rethink the relationship between strategic marketing and interactivity/personalization
- 4. Critically assess the role of the platform economy in the context of marketing strategy
- 5. Critically assess the role of expert systems in the context of marketing strategy



6.0.11						
	6. Critically assess the role of data and information (big data) in the context of marketing strategy					
7. Critica	ally assess the role of artificial inte	lligence in the context of marketing strategy				
	TE	ACHING MODE				
⊠ Lectu		□ Office hours				
	nars and workshops	□ Laboratory				
$\Box$ Exerc	cises	□ Field work				
🛛 Inder	bendent tasks	□ Mentoring work				
□ Mult	imedia and internet	□ Knowledge test				
🗆 Dista	nce education					
	EXAMINATION METHOD					
⊠ Oral	Oral exam Other:					
🛛 Writt	en exam					
⊠ Colle	oquium					
		READING				
Compuls	sory reading					
1.	Hanssens D.M., Pauwels K.H., Demonstrating the Value of Marketing, Journal of					
	Marketing, 80 (November), 20	16, p.p. 173-190.				
2.	Zhang J.Z., Watson IV J.F., Palmatier R.W., Dant R.P., Dynamic Relationship					
	Marketing, Journal of Marketing, 80 (September), 2016, p.p. 53-75.					
3.	Challagalla G., Murtha B.R., Jaworski B, Marketing Doctrine: A Principles- Based					
	Approach to Guiding Marketing Decision Making in Firms, Journal of Marketing, 78					
1	(July), 2014, p.p. 4-20.					
4.	Kumar V., Transformative Marketing: The Next 20 Years, Journal of Marketing, 82 (July) 2018, p.p. 1, 12					
5.	(July), 2018, p.p. 1-12. De Haan, Ev, Kannan P.K., Verhoef P.C., Wiesel T., Device Switching in Online					
5.		ategic Contingencies, Journal of Marketing, 82				
	(September), 2018, p.p. 1-19.	<i>.</i>				
6.		erings as Digitalized Interactive Platforms: A Conceptual				
	Framework and Implications, Journal of Marketing, 82 (July), 2018, p.p. 19-31.					



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		L	E	S		
No.	ΤΟΡΙϹ		Hours			
	LIST OF TOPICS					
5.	Routledge, 2014.					
5.	Kaufman I., Digital Marketing: Integrating Strategy and Tac	tics with	Values,			
4.	creation, Journal of Interactive Marketing, 18 (3), 2015, p.p.	5-14.				
1	Prahalad C.K., Ramaswamy V., Co-creation experiences: The next practice in value					
3.	Sterne J., Artificial Intelligence for Marketing: Practical Applications, Wiley Publishing, 2017.					
2.	McGraw-Hill Education, 2018.	i Custoni	I LIIGUSU	inciit,		
	Overview of Tools and Techniques, Kogan Page Publishing, Chavez T., Data Driven: Harnessing Data and AI to Reinven		er Engager	ment		
1.	Struhl S., Artificial Intelligence Marketing and Predicting Co		Choice: Ar	1		
Optional	C C C C C C C C C C C C C C C C C C C					
	drives digital transformation, MIT Sloan Management Revie	w, 2015.				
15.	Kane, G.C., Palmer, D., Phillips, A.N., Kiron D., Buckley, N	•••	, not tech	nology,		
	Toward a Next Generation of Insights, MIS Quarterly, 37 (2)					
14. Bharadwaj A., El Sawy O., Pavlou P., Venkatraman, N.V., Digital B			siness Stra	ategy:		
	Interactive Marketing, 38 (1), 2017, p.p. 44-54.					
13.	Kim, Y., Peterson, R.A, A Meta-analysis of Online Trust Re-		s in E-con	nmerce,		
	Inquiry, Journal of Marketing, 80 (November), 2016, p.p. 146-172.					
12.	Mobile Marketing: Research Evolution from 2000 to 2015 an					
12.	Lamberton C., Stephen A. T., A Thematic Exploration of Di	gital Soci	al Media	and		
11.	Wedel M, Kannan P.K., Marketing Analytics for Data-Rich Environments, Journal o Marketing, 80 (November), 2016, p.p. 97-121.			mai of		
11	(November), 2016, p.p. 36-68.	Davis				
10.	Kumar V., Reinartz W., Creating Enduring Customer Value,	Journal o	f Marketi	ng, 80		
	(November), 2016, p.p. 6-35.					
9.	Moorman C., Day G.S., Organizing for Marketing Excellent	ce, Journa	l of Marke	eting, 80		
	Customer Journey,, Journal of Marketing, 80 (November),, 2016, p.p. 69-96.					
8.	Lemon K.N., Verhoef P.C, Understanding Customer Experience Throughout the					
	. Kumar V, A Theory of Customer Valuation: Concepts, Metrics, Strategy, and Implementation, Journal of Marketing, 82 (January),, 2018, p.p. 1-19.					



1.	Strategy and interactivity – principles and tools	2	2	0		
2.	Strategy and personalization – the decision-making process	2	2	0		
3.	Strategy and platform economy	2	2	0		
4.	Strategy and data and information ("big data")	2	2	0		
5.	Strategy and artificial intelligence	2	2	0		
	TOTAL HOURS         10         10         0					
	OTHER RELEVANT INFORMATION					
Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.						



# IZVEDBENI PLAN NASTAVE ZA AKADEMSKU GODINU 2025./2026.

Obrazac

COURSE INFORMATION			
Course name			
	Tourism destination brand management		
Degree	PhD		
Semester	Summer (2. sem) / Winter (3. sem)		
ECTS points	3 ECTS		
Course status	Elective		
Course leader	Darko Prebežac, PhD, Full Prof.		
	Barbara Puh, PhD, Associate Prof.		
Faculty, room no.	Faculty of Economics and Business, Lapadska obala 7,		
	Dubrovnik, E-K4		
Phone	+385 20 445 923		
e-mail	barbara.puh@unidu.hr; darko.prebezac@unidu.hr		
COURSE DESCRIPTION			

#### **Course content**

Different aspects of comprehending tourism destination • Difference between tourism destination branding and tourism destination marketing • Need and importance to brand tourism destination, the concept of tourism destination brand (identity, personality, positioning, reputation) • Stages of development (building) of destination brand (process of branding tourism destination) • Development (building) models of destination brand (The Brand Pyramid, Brand Assets Template, The Brand Wheel • Tourism destination brand management • Measurement of impact of tourism destination brand • Branding strategies of tourism destinations in practice • Challenges in tourism destinations branding

#### Learning outcomes

1. Understand, interpret and offer critical thinking on theories and models in tourism destination brand management



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2. Test, evaluate and synthesize new research ideas in the area of destination branding and tourism destination brand management

3. Implement acquired knowledge in destination branding and tourism destination brand management to make development policies on local regional and national level

4. Understand material published in English in scientific and professional literature on brand management and tourism destination branding

5. Evaluate impact of actual trends and expected global changes on tourism market onto tourism market brand management and the process of destination branding

6. Make, present and offer arguments on branding strategy of specific tourism destination

# TEACHING MODE

🛛 Lectu	ires	☑ Office hours			
🖾 Semi	nars and workshops	□ Laboratory			
🛛 Exerc	cises	□ Field work			
🛛 Indep	bendent tasks	Mentoring work			
🗆 Multi	media and internet	□ Knowledge test			
🗆 Dista	nce education				
	EXAMINATION METHOD				
□ Oral e	exam	Other:			
🗵 Writt	⊠ Written exam				
🗵 Colloquium					
READING					
Compulsory reading					
1.	Morgan, N., Pritchard, A., Pride, R. (Eds.): , Destination Brands: Managing Place				
	Reputation, 3rd Ed., Routledge, London, 2014.				
2.	Camilleri, M. A. (Ed.), The Branding of Tourist Destinations: Theoretical and				
	Empirical, Insights Emerald Publishing Ltd., UK, 2018.				
3.	World Tourism Organization and European Travel Commission, Handbook on Tourism				
	Destination BrandingHandbook on Tourism Destination Branding, Madrid, Spain, 2009.				
Optional reading					



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1.	Kapferer, J.N., The New Strategic Brand Management: Advanced Insights & Strategic Thinking, 5th Ed. Kogan Page Ltd., London, 2012.				
2.	<ul> <li>Moilanen, T., Rainisto, S., How to Brand Nations, Cities and Destinations - A Planning</li> <li>Book for Place Branding, Palgrave Macmillan, London, 2008.</li> </ul>				
	LIST OF TOPICS				
No.	ТОРІС	Hours			
	TOTIC		Ε	S	
1.	Different aspects of comprehending tourism destination Difference between tourism destination branding and tourism destination marketing Need and importance to brand tourism destination, the concept of tourism destination brand (identity, personality, positioning, reputation)	2	2	0	
2.	Stages of development (building) of destination brand (process of branding tourism destination) Development (building) models of destination brand (The Brand Pyramid, Brand Assets Template, The Brand Wheel Stages of development (building) of destination brand (process of branding tourism destination) Development (building) models of destination brand (The Brand Pyramid, Brand Assets Template, The Brand Wheel	2	2	0	
3.	Tourism destination brand managementTourism destination brand management		2	0	
4.	Measurement of impact of tourism destination brand	2	0	0	
5.	Branding strategies of tourism destinations in practice	0	2	0	
6.	Challenges in tourism destinations branding	2	2	0	
	TOTAL HOURS	10	10	0	



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# **OTHER RELEVANT INFORMATION**

Monitoring the quality and efficiency of the implementation of the college. The quality of the program, teaching process, teaching skills and the level of acquired curriculum will be confirmed implementing of verbal and written evaluation based on questionnaires and other standardized methods and in accordance with the regulations of the University of Dubrovnik. Evaluation by professional colleagues. Self-observation, analysis and corrections.