CURRICULUM HEALT MANAGEMENT

First semester

I semester -	first year					
Mandatory c	ourses					
CODE	COURSE	Credit	ts	Hour	s	Total*
4EK201512	Health economics	6		2+2+	Ļ	156
4EK200212	Financial management	6		2+2+	Ļ	156
4EK201612	Management and leadership in health care	6		2+2+	1	156
Total o	credits from mandatory courses	18		6+6+	3	468
	rses – unit (2 to choose)					T . () 14
КОД	ПРЕДМЕТ	Credit	is	Hour	-	Total*
4EK200412	Human resource management	4		2+1+	-	120
4EK200612	Strategic management	4		2+1+	120	
4EK200512	Small business management	4		2+1+1		120
4EK200812	Management Information system	system 4		2+1+	·1	120
	Total credits from elective courses	s 8		4+2+	2	240
Elec	tive courses – university (1 to choose)				
UGD203212	Methodology of scientific-research work	< 4		2+1+	·1	120
UGD202312	Applied data analysis	4		2+1+	1	120
	Total credits elective	e 12		6+3+	3	360
	Total credits in the first semeste	r 30				
II semester -	first year					
Mandatory c	ourses					
CODE	COURSE	Credits	Но	urs		Total*
	Health statistics and health	6	2+2	2+1		156
4EK201712	Information systems					
	Master thesis	24	0+0)+24		720
	Total	30				876
Total credits	in one year studies	60				

Anr	nex No.3	Program of	the Course - seco	ond o	cycle studies	
1.	Title of tl	ne Course	HEALTH CARE	ECO	DNOMICS	
2.	Code		4EK201512			
3.	Study Pr	ogram	HEALTCARE MANAGEMENT (4+1)			
4.	-	er of the study program	University Goce Delcev			
	(unit or i departmo	nstitute, Faculty, ent)	Faculty of Econon	nics		
5.	Cycle (fii cycle)	st, second and third	Second cycle			
6.	Academi	c year / semester	fifth/first	7.	Number of credits	6
8.	Professo	or (s)	Ph.D. Krume Niko	oloski	, professor	

9.	Requirements for enrollment the Course	no		
10.	Purposes of the curriculum (c As market conditions con- companies optimize and m structures; Why economics is sorted out the central econor government in regulating bus define key macroeconomic unemployment, savings, inves and what are their links and limitations of key macroeco different phases of the econor	sumers naximize s the so mic pro siness o aggreg stments interdep nomic	maximize satisfaction e profits by acting in a cience of choice and as m oblem; What are the respo domain and correcting ma jates: gross domestic pr s, exchange rate, etc., which pendencies; understand co policies and the manner	different market arket economies onsibilities of the rket failure; Like roduct, inflation, n is their essence ore domains and
11.	Content of the course program Introduction to Economic Scie elements of supply and dema theory of production; Cost an monopoly, oligopoly; factors land and labor; Government a regulation; Key macroeconom product; economic growth an savings and investment; Cast and monetary policy; internat goods and production factors macroeconomic schools	ence; fu nd; The alysis; i of prod ind busi nic cond d produ n and ba ional ec	ory of consumer choice; b market structures - perfect uction and markets down p iness - market failures and cepts; gross domestic and uctivity; economic cycle; co anks; inflation and unempl conomics - international ex	asics of the competition, prices of capital, state economic gross national onsumption, oyment; Fiscal change of
12.	Learning methods: -Oral and writhing examination	on		
13.	Total available time		156 hours	
14.	Distribution of available time		2+1+1 per week	
15.	Forms of teaching / learning activities	15.1.	lectures / theoretical - contact teaching, e-teaching	2 hours
			theoretical and practical	

				e-exams, preparatio independent semina work		
16.		· ·	16.1.	Project tasks		2 hour
	актив	ности	16.2.	Individual tasks		
		-	16.3.	Home learning		1 hour
17.	Metho	od of assessment		1		<u> </u>
	17.1.	Tests / oral exams				70 points
	17.2.	Seminars (paper / proje and/or oral)	ect - pr	resentation: written		10 points
	17.3.	Activity and participatio	n			20 points
18.		ssment Criteria (points /		up 50 points	5(five	e) (F)
	score)		51 to 60 points	6(six) (E)
				61 to 70 points	7 (se	even) (D)
				71 to 80 points	8 (ei	ght) (C)
				81 to 90 points	9 (nii	ne) (B)
				91 to 100 points	10 (t	en) (A)
19.	-	ture requirement and	6	30% success achieve	ment	on partial and
	passi	ng the final exam	f	inal exams		
20.	Langu	uage of teaching / study	Ν	Macedonian, English		
21.	Metho of tea	od of monitoring the qual ching	ity S	Self-evaluation		

	Requ	ired literature							
	No.	Author	Title	Publisher	Year				
22.1.	1.	Tulchinsky TH, Varivikova EA.	The New Public Health	Academic Press: San Diego, CA	2000				
22.1.	2.	економијата		Економски факултет, Скопје	2004				
	3.	WHO,	Health Finacing Reform a Framework for Evaluation	Geneva,	1995				
	Additional literature								
	No.	Author	Title	Publisher	Year				
22.2.	1.	Mankiw G.	Principles of Economics, Third Edition	Thomson South- Western, London	2004				
	2.	Stiglitz J., Walsh C.	Economics, Third Edition	Norton & Company, New York	2002				
	3.								

Ann	ex No.3	Program of the C	Course - first/seco	ond/t	hird cycle studie	s	
1.	Title of t	he Course	FINANCIAL MA	NAG	GEMENT		
2.	Code		4EK200212				
3.	Study Pr	ogram	All second cycle study programs at "GoceDelcev" University – Stip				
4.	-	er of the study program nstitute, Faculty, ent)	All units of the U	nive	rsity		
5.	Cycle (fii cycle)	rst, second and third	Second cycle				
6.	Academi	c year / semester	2012/2013/	7.	Number of credits	6	
8.	Professo	or (s)	Ph.D.Risto Fotov KrsteShajnoski,				
9.	Requirer the Cour	nents for enrollment se	no				
10.	Purpose	s of the curriculum (com	petencies):				
	managin the proc	rse objective is studen g financial assets within ess of financial decision decisions will have on c	h the enterprise to -making, as well a	ena ena	able them to und interpret the imp	derstand	
11.	Content	of the course program:					
	 Fi Ba La SI 	nterprise, capital and finan- nancial analysis and finan- asic financial concepts; ong-term financial decision hort-term financial decision ost of capital, leverage and	cial planning; s; ns;				

12.	Learn	ing methods:					
	- lectu	res, presentations, discus	sions	, co	onsultations, seminar v	works	
13.		available time			156 hours		
14.		bution of available time			2+1+1 per week		
15.		s of teaching / learning	15.1		lectures / theoretical	-	2 hours
	activit	lles			contact teaching,		
			15.2		e-teaching	tion	
			15.2		theoretical and pract exercises,	tical	
					e-exams, preparatio		
					independent semina work	r	
16.			16.1		work Project tasks		1 h a
10.					-		1 hour
			16.2		Individual tasks		
			16.3	.	Home learning		1 hour
17.	Metho	od of assessment					
	17.1.	Tests / oral exams					30 points
	17.2.	Seminars (paper / proj	ect -	pre	sentation: written		50 points
	47.0	and/or oral)					
10	17.3.	Activity and participati				F / f :	20 points
18.	Asses	sment Criteria (points /	-		up 50 points	•	e) (F)
		/	-		51 to 60 points 61 to 70 points	6(six	, , ,
			-		71 to 80 points		even) (D) ght) (C)
			-		81 to 90 points		ne) (B)
			-		91 to 100 points	``	en) (A)
19.	Signa	ture requirement and		60	% success achieve	``	, , ,
10.	-	ng the final exam			am activities (minim		•
	-				om partial exams, leo		
20.	langi	age of teaching / study			asses and seminar v acedonian	vorks)
20. 21.)	age of teaching / study	lity		acedonian	torno	l evaluation
<u> </u>	of tea	. .	inty	SE	ni-evaluation and ex		i evalualiuli

22.	Literat	ure										
		Requ	ired literature	re								
		No.	Author	Title	Publisher	Year						
	22.1.	1.	Арсов, Сашо	Финансиски менаџмент	Економски факултет- Скопје	2008						
		2.										
		3.										
		Additional literature										
		No.	Author	Title	Publisher	Year						
	22.2.	1.	James C. Van Horne, John M. Wachowicz, Jr	Fundamentals of Financial Management, 10th edition	Prentice Hall, New Jersey	1998						
		2.	Ross, Stephen, R. Westerfield, J. Jaffe	Corporate Finance	McGraw-Hill, Irwin,	1999						
		3.										

Ann	ex No.3	Program of	the Course - seco	ond	cycle studies		
1.	Title of tl	he Course	MANAGEMENT HEALTHCARE	AN	DLEADERSHIP	N	
2.	Code		4EK201612				
3.	Study Pr	ogram	HEALTCARE MANAGEMENT (4+1)				
4.	Organize	er of the study program	University Goce Delcev				
	(unit or i departm	nstitute, Faculty, ent)	Faculty of economics				
5.	Cycle (fii cycle)	rst, second and third	Second cycle				
6.	Academi	ic year / semester	fifth/first	7.	Number of credits	6	
8.	Professo	or (s)	Ph.D.TrajkoMice VioletaMadzova		professor / Ph.D. sociate profesor		
9.	Requirer the Cour	nents for enrollment se	no				
10.	Purpose	s of the curriculum (com	petencies):				
	levels of the role o	se objective is to assist sta management (planning, org f managers, understanding p development andmode	ganizing, coordinati ourselves and futu	ing, i re hc	motivating and cont prizons of managem	rolling), ent and	
11.	Content	of the course program:					

	Mana	gement and managers; na	ature n	nan	agement; Developm	ent of	management
	thoug	ht; Global changes in the	enviro	nm	ent; management pro	ocess	(planning,
	organ	izing, coordinating, motiva	ating a	nd	controlling);		
	Motiva	ation, Communication, Be	havior	, Kr	nowledge of people,	etc.	
		ng; communication, ethics			•		
		opment management, pre	ferenc	e o	f true leadership and	recog	nizing and
		ing of pseudo leadership.					
12.	Learn	ing methods:					
	-Oral	and writhing examination	on				
13.	Total	available time			156 hours		
14.		bution of available time					
				.	2+2+1 per week		
15.		s of teaching / learning	15.1.		ectures / theoretica	1 -	2 hours
	activit	lies			contact teaching,		
				e	e-teaching		
			15.2.		heoretical and prac	tical	
				e	exercises,		
					e-exams, preparatio		
					ndependent semina	ar	
					vork		
16.		і форми на	16.1.	F	Project tasks		2 hour
	актив	ности	16.2.		ndividual tasks		
			16.3.		lome learning		1 hour
17.	Metho	od of assessment					I
	17.1.	Tests / oral exams					70 points
	17.2.	Seminars (paper / proj	ect - n	ores	sentation: written		10 points
		and/or oral)					
	17.3.	Activity and participation	on				20 points
18.		sment Criteria (points /			up 50 points	5(five	•
10.	score	••	_		· · ·	·	
	00010)			51 to 60 points	6(six	
					61 to 70 points	·	even) (D)
					71 to 80 points	8 (ei	ght) (C)
					81 to 90 points	9 (nii	ne) (B)
			F		91 to 100 points	10 (te	en) (A)

19.	Signature requirement and passing the final exam	60% success achievement on partial and final exams
20.	Language of teaching / study	Macedonian, English
21.	Method of monitoring the quality of teaching	Self-evaluation

	Requi	Required literature									
	No.	Author	Title	Publisher	Year						
22.1.	1.	Gareth R.Jones, Jenifer M.George	Современменаџмент	Превод: Влада на РМ	2008						
	2.	Рики В.Грифин	Основи на менаџмент	Превод: Влада на РМ	2010						
	3.	Трајче Мицески	Менаџмент и Лидерство	Економски факултет- УГД- Штип	2010						
	Additional literature										
	No.	Author	Title	Publisher	Year						
22.2.	1.	John R. Schermerhorn, Jr.	Management, 9th edition	John Willey & Sons, Inc.	2008						
	2.										
	3.										

Ann	ex No.3	Program of	the Course - seco	ond o	cycle studies		
1.	Title of the	ne Course	HUMAN RESOL	JRC	E MANAGEMNT		
2.	Code		4EK200412				
3.	Study Pr	ogram	HEALTCARE MA	NAG	EMENT (4+1)		
4.	Organize	er of the study program	University Goce D)elce	V		
	(unit or in departme	nstitute, Faculty, ent)	Faculty of Economics				
5.	Cycle (fir cycle)	rst, second and third	Second cycle				
6.	Academi	c year / semester	fifth/first	7.	Number of credits	4	
8.	Professo	or (s)	Ph.D.TrajkoMice	ski,	professor / Ph.D.	•	
			Margarita Matlievska, associate profesor				
9.	Requirer the Cour	nents for enrollment se	no				
10.	Purpose	s of the curriculum (com	petencies):				

	The study of teaching materia with the complex issues of I			•					
	most important resource in the efficient way.	e of ac	tivi	ties and functions i	n orde	er, peo	ple, as the		
11.	Content of the course program	n:							
	The study of teaching materia familiar with the complex issu as the process of performing people, as the most important most effective and efficient w	ies of a rang t resoi	hur je c	man resource mana of activities and fund	geme ctions	nt, und in ord	lerstood er,		
12.	Learning methods:								
	-Oral and writhing examination								
13.	Total available time			120 hours					
14.	Distribution of available time			2+1+1 per week					
15.	Forms of teaching / learning	15.1.		ectures / theoretica	-		2 hours		
	activities		C	contact teaching,					
			e	e-teaching					
		15.2.		heoretical and prac	tical				
				exercises,					
			i	e-exams, preparatio ndependent semina vork					
16.	Други форми на	16.1.	F	Project tasks			1 hour		
	активности	16.2.	l	ndividual tasks					
		16.3.	ŀ	Iome learning			1 hour		
17.	Method of assessment	1							
	17.1. Tests / oral exams						70 points		
	17.2. Seminars (paper / proj and/or oral)	ect - p	ores	sentation: written			10 points		
	17.3. Activity and participation	on					20 points		
18.	Assessment Criteria (points /			up 50 points	5(five	e) (F)			
	score)			51 to 60 points	6(six				
				61 to 70 points	7 (se	ven) (D)		

		71 to 80 points	8 (eight) (C)			
		81 to 90 points	9 (nine) (B)			
		91 to 100 points	10 (ten) (A)			
19.	Signature requirement and	60% success achieve	60% success achievement on partial and			
	passing the final exam	final exams				
20.	Language of teaching / study	Macedonian, English				
21.	Method of monitoring the quality	Self-evaluation				
	of teaching					

22.	Literat	ure								
		Required literature								
		No.	Author	Title	Publisher	Year				
	22.1.	1.	Роберт Л. Матис Џон Х.Џексон	Управување со човечките ресурси	Превод: Влада на РМ	2011				
	22.1.	2.	Боландер Снел	Управување со човечките ресурси	Превод: Влада на РМ	2011				
		3.	Бојаџиоски Димитар, Ефтимов Љупчо	Менаџмент на човечки ресурси, второ издание	Економски факултет - Скопје	2010				
		Additional literature								
		No.	Author	Title	Publisher	Year				
	22.2.	1.								
		2.								
		3.								

Anr	nex No.3	Program of the C	Course - first/seco	nd/t	hird cycle studies	
1.	Title of the Course STRATEGIC MANAGEMENT					
2.	Code		UGD202312			
3.	Study Pr	ogram	HEALTCARE MANAGEMENT (4+1)			
4.	•	er of the study program nstitute, Faculty, ent)	University Goce Delcev Faculty of Economics			
5.	Cycle (fir cycle)	st, second and third	Second cycle			
6.	Academi	c year / semester	2012/2013/ I	7.	Number of credits4	

8.	Professor (s)		n.D.TrajkoMiceski, profess argarita Matlievska, assoc						
9.	Requirements for enrollment the Course	nc							
10.	Purposes of the curriculum	ı (com	petencies):						
	The subject is conceived application of key elemer strategy within the flexibl problems associated with t	in a w nts of e plan	vay to allow students a strategic analysis, cho , and to stimulate thir	osing the right king about the					
11.	Content of the course program	m:							
	The nature of strategic management; Managers and strategic management; Assess the external environment; Assessment of the internal environment; strategy formulation; Analysis and choice of strategy; Execution strategy; Evaluation and control strategy; technology and strategy; Strategic management and small business; International strategic management								
12.	Learning methods:								
13.	Total available time		120 hours						
14.	Distribution of available time		2+1+1 per week						
15.	Forms of teaching / learning activities	15.1.	lectures / theoretical - contact teaching, e-teaching	2 hours					
		15.2.	theoretical and practical	1 hour					
			exercises,	i nour					
			exercises, e-exams, preparation of independent seminar work	- Thour					
16.	Други форми на	16.1.	e-exams, preparation of independent seminar	1 hour					
16.	Други форми на активности	16.1. 16.2.	e-exams, preparation of independent seminar work						
16.			e-exams, preparation of independent seminar work Project tasks						
16. 17.		16.2.	e-exams, preparation of independent seminar work Project tasks Individual tasks						

	17.2.	Seminars (paper / project - and/or oral)	50 points			
	17.3.	Activity and participation		20 points		
18.		sment Criteria (points /	up 50 points	5(five) (F)		
	score)	51 to 60 points	6(six) (E)		
			61 to 70 points	7 (seven) (D)		
			71 to 80 points	8 (eight) (C)		
			81 to 90 points	9 (nine) (B)		
			91 to 100 points	10 (ten) (A)		
19.	•	ture requirement and ng the final exam	60% successs achievement from the pre- exam activities (minimum total 42 points from partial exams, lectures, practical classes and seminar works)			
20.	Langu	age of teaching / study	Macedonian			
21.	Metho of tea	od of monitoring the quality ching	Self-evaluation and ex	ternal evaluation		

22.	Literat	ure									
		Required literature									
		No.	Author	Title	Publisher	Year					
	22.1.	1.	Шуклев, Бобек; Дракулевски, Љубомир	Стратегискименаџмен т, универзитетскиучебни к	Економскиф акултет- Скопје	2001					
		2.									
		3.									
		Additional literature									
		No.	Author	Title	Publisher	Year					
	22.2.	1.	W. Hill, Charles; R. Jones, Gereth	Strategic Management, An Integrated Approach	Houghton Mifflin Company, Boston	2004					
		2.	M. Grant, Robert	Conteporary Strategic Analysis	Blackwell Publishing, Malden, MA	2005					
		3.									

Anr	nex No.3 Progr	am of the Course - second cycle studies
1.	Title of the Course	SMALL BUSINESS MANAGEMENT
2.	Code	4EK200512
3.	Study Program	HEALTCARE MANAGEMENT (4+1)

4.	Organizer of the study program	m University Goce Delcev						
	(unit or institute, Faculty, department)		Faculty of economics					
5.	Cycle (first, second and third cycle)	Sec	Second cycle					
6.	Academic year / semester	fifth	fifth/first7.Number of credits4					
8.	Professor (s)	Ph.	D. Risto Fotov	, pro	fessor	I		
9.	Requirements for enrollment the Course	no						
11.	The course objective is to ass essence, functioning and org Within this framework to indica large enterprises in the cour attention: the approaches of s small enterprises, the basic successes and failures of small well as small businesses and e Content of the course program	anization te the f ntry's of tarting forms all busion trepro-	on of small undamental o economy. Ar a small enter of organizati ness, social eneurship.	enter liffer nong rprise on o resp	rprises in the ences between them, deserv e application p f small enterp onsibility and	economy. small and e special lanning in rises, the ethics, as		
	The course objective is to assi essence, functioning and orga Within this framework to indic and large enterprises in the co attention: the approaches of s small enterprises, the basic fo successes and failures of sma well as small businesses and	nizatio ate the ountry's tarting rms of Ill busir	n of small en fundamental economy. A a small enter organization ness, social re	terpr diffe mong prise of sr	ises in the ecor rences between g them, deserve application pla nall enterprises	nomy. n small e special anning in s, the		
12.	Learning methods:							
	-Oral and writhing examinatio	n						
13.	Total available time		120 hours					
14.	Distribution of available time		2+1+1 per	week	,			
15.	Forms of teaching / learning activities	-	lectures / the contact teacl e-teaching		cal -	2 hours		

		15.2. theoretical and prace exercises, e-exams, preparatio independent semina work		n of			
16.	Пруги	форми на	16.1.	Project tasks			1 hour
10.		ности		•			THOUT
			16.2.	Individual tasks			
			16.3.	Home learning			1 hour
17.	Metho	od of assessment					
	17.1.	Tests / oral exams					70 points
	17.2.	Seminars (paper / proje and/or oral)	ect - pi	resentation: written			10 points
	17.3.	Activity and participation	on				20 points
18.		sment Criteria (points /		up 50 points	5(five	e) (F)	
	score			51 to 60 points	6(six) (E)	
				61 to 70 points	7 (se	even) (D)	
				71 to 80 points	8 (eight) (C)		
				81 to 90 points	9 (nii	ne) (B)	
				91 to 100 points	10 (t	en) (A)	
19.	-	ture requirement and		60% success achieve	ment	on parti	al and
	passi	ng the final exam	f	inal exams			
20.	Langu	age of teaching / study	Ν	Macedonian, English			
21.	Metho of tea	od of monitoring the qual ching	lity S	Self-evaluation			

22.	Literat	ure										
		Requi	Required literature									
		No.	Author	Title	Publisher	Year						
	22.1.	1.	Шуклев Бобек:	Менаџмент на мал бизнис, трето издание	Економски факултет, Скопје	2003						
		2.										
		3.										
		Additional literature										
		No.	Author	Title	Publisher	Year						
	22.2.	1.	Thomas W.Zimmerer, Norman M.Scarborough	Essentials of entrepreneruship and small business management, fourth edition	Pearson- Prentice Hall,Inc.,Upp er Saddle River, New Jersey	2005						
		2.										
		3.				1						

Ann	nex No.3 Program	n of the Course -s	econd	cycle studies	
1.	Title of the Course	Managament	Inform	ation Systems	
1. 2.	Code	4EK200812	morm	ation Systems	
3.	Study Program	ADMINISTRAT		BUSINESS AND	J
4.	Organizer of the study progra		_		
4.	(unit or institute, Faculty,			v	
	department)	Faculty of ecor	nomics		
5.	Cycle (first, second and third cycle)	Second cycle			
6.	Academic year / semester	fifth/first	7.	Number of credits	4
8.	Professor (s)	Ph.D. Riste Te Krume Nikolos	•	ski, professor / F sor	'n.D.
9.	Requirements for enrollment the Course	no			
10.	Purposes of the curriculum (c	ompetencies):			
	The purpose of the course is a dimension of management in ord and distribution of the informat process, students will learn al approach, the theory of informati the internal organization of know and their appropriate use for work in teams with operating abi	der to facilitate the p ation within the bu- bout the basics of ion and information s rledge and communi- or improvement of ilities for the purpose	rocess siness system systems cation ir f the Ultimat e of func	of acquisition, proganizations. In organizations. In analysis and Also, they will un contemporary of management's ely, students will ation, use and im	reservation During the systematic understand enterprises efficiency. I be able to provement
	of contemporary information sys		lication	of information te	echnology.
11.	Content of the course program				
	The informational revolution	tion (Intangible reso	urces –	the foundation of	of the
	information society)	tic thinking and ave	stomatio	approach)	
	System design (SystemaSystem analysis	and uninking and sys			
	 Information (Definition continuity) Information, quality of information, qua	•	on, sem	antic rules, trans	sfer of
	 Information systems (The systems in business organisation) 	e human being as a	an inforr	nation system, ir	nformation
	 Information systems and process of information) 	the organization (O	organiza	tion of communi	cation

12.		Information system mana information systems at d dimension in the process Economics of the informa Strategy elements for bu Design of new information ing methods: and writhing examination	ifferer s of ma ation s ilding on sys	nt m ana syst anc	anagement levels, th gement, optimal man ems I development of info	ie infoi nagem	rmationa ent)	al
13.	Total	available time			120 hours			
14.	Distri	bution of available time			2+1+1 per week			
15.	Form: activit	s of teaching / learning ties	15.1	c e . t e i	ectures / theoretica ontact teaching, e-teaching heoretical and prac exercises, e-exams, preparatio ndependent semina	tical n of		2 hours
16.	Други	і форми на	16.1		vork Project tasks			1 hour
		ности	16.2		ndividual tasks			
			16.3		lome learning			1 hour
17.	Metho	od of assessment						
	17.1.	Tests / oral exams						70 points
	17.2.	Seminars (paper / proj and/or oral)	ect - p	ores	sentation: written			10 points
	17.3.	Activity and participation	on					20 points
18.		sment Criteria (points /			up 50 points	5(five	e) (F)	
	score)			51 to 60 points	6(six		
					61 to 70 points	•	ven) (D)
			Ļ		71 to 80 points		ght) (C)	
			ļ		81 to 90 points	,	ne) (B)	
					91 to 100 points	10 (te	en) (A)	

19.	Signature requirement and passing the final exam	60% success achievement on partial and final exams
20.	Language of teaching / study	Macedonian, English
21.	Method of monitoring the quality of teaching	Self-evaluation

22.	Literat	ure							
		Required literature							
		No.	Author	Title	Publisher	Year			
	22.1.	1. 2. 3.	Ѓорѓијовски, Благоја	Менаџмент информацони системи,	Универзитет ски учебник, Економски факултет- Скопје,	1998			
		Additional literature							
		No.	Author	Title	Publisher	Year			
	22.2.	1.	C. Laudon, Kenneth; P. Laudon, Jane	Management Information Systems,	Prentice Hall, New York	2006			
		2.							
		3.							

Anr	nex No.3	Program of	the Course - seco	ond o	cycle studies		
1.	Title of the Cou	rse	RESEARCH MI	ETH	ODOLOGY		
2.	Code		UGD203212				
3.	Study Program		HEALTCARE MANAGEMENT (4+1)				
4.	Organizer of the	e study program	University Goce Delcev				
	(unit or institute department)	e, Faculty,	Faculty of Economics				
5.	Cycle (first, sec cycle)	ond and third	Second cycle				
6.	Academic year	/ semester	fifth/first	7.	Number of credits	6	
8.	Professor (s)		Ph.D. Riste Temjanovski, associate professor				

9.	Requi	rements for enrollment	r	0				
10.		oses of the curriculum (c	omne	ton				
10.	- -		ompe	len	Cies).			
11.	Conte	nt of the course program	n:					
	-							
12.	Learn	ing methods:						
	-Oral	and writhing examination	on					
13.	Total	available time			120 hours			
14.	Distri	bution of available time			2+1+1 per week			
15.		s of teaching / learning	15.1	. I	ectures / theoretica	I -		2 hours
	activi	ies			ontact teaching,			
					-teaching			
			15.2		heoretical and prac exercises,	tical		
					e-exams, preparatio	n of		
					ndependent semina			
				v	vork			
16.		форми на	16.1	. F	Project tasks			1 hour
	актив	ности	16.2	. 1	ndividual tasks			
			16.3	.	lome learning			1 hour
17.	Metho	od of assessment						
	17.1.	Tests / oral exams						70 points
	17.2.	Seminars (paper / proj	ect - p	ores	entation: written			10 points
		and/or oral)						•
	17.3.	Activity and participation	on					20 points
18.	Asses	sment Criteria (points /			up 50 points	5(five	e) (F)	
	score)	F		51 to 60 points	6(six) (E)	
			F		61 to 70 points	7 (se	ven) (D)	
			F		71 to 80 points	8 (eię	ght) (C)	
			F		81 to 90 points	9 (nir	ne) (B)	
			F		91 to 100 points	10 (te	en) (A)	

19.	Signature requirement and passing the final exam	60% success achievement on partial and final exams
20.	Language of teaching / study	Macedonian, English
21.	Method of monitoring the quality of teaching	Self-evaluation

22.	Literat	ure				
		Requ	ired literature			
		No.	Author	Title	Publisher	Year
	22.1.	1.	B. Krstev	Research methodology	UGD-skript	
		2.	C. Mojanovski	Research methodology	UKIM- learning book	
		3.				
		Addit	ional literature			
		No.	Author	Title	Publisher	Year
	22.2.	1.				
		2.				
		3.				

Anr	nex No.3	Program of the (Course - first/seco	ond/t	hird cycle studies		
1.	Title of the Cour	se	APPLIED DATA	AN	ALYSIS		
2.	Code		UGD202312				
3.	Study Program		All second cycle study programs at "GoceDelcev" University – Stip				
4.	Organizer of the (unit or institute department)	•••	All units of the U	nive	rsity		
5.	Cycle (first, seco cycle)	ond and third	Second cycle				
6.	Academic year /	semester	2012/2013/ I	7.	Number of credits	4	
8.	Professor (s)		Ph.D. Tatjana At professor	anas	sova – Pacemska	,	

9.	Requirements for enrollment the Course	nc		
10.	Students will be trained for p tasks, as well as to use the decisions. Also, they will lear other program depending on applied data analysis based the courses, students will gain to analyze and interpret the capable for successful realiza	e resul n how the ne on the n the n results	ts to solve practical prob to use the program packag ed for the research proce methods of mathematical ecessary skills and all the from the research proces	lems and make ge SPSS (or any ss) designed for statistics. During basic knowledge
11.	Content of the course program	n:		
	 methods of realization, th Statistics – data collection Random variables, differ Statistic examples and de Applied data analysis Descriptive statistics Hypothesis testing – part Linear and nonlinear reg Variance analysis (ANOV) Experiment design 	ne proce on, grou rent type listributi ametric ression VA) n SPSS	ping and presentation es of random variables ons and nonparametric tests programs, Exel, Mathematic	
12.	Learning methods:			
10	- lectures, presentations, discus	sions, c		
13.	Total available time		120 hours	
14.	Distribution of available time	45 4	2+1+1 per week	
15.	Forms of teaching / learning activities	15.1.	lectures / theoretical - contact teaching, e-teaching	2 hours
		15.2.	theoretical and practical exercises, e-exams, preparation of independent seminar work	1 hour

16.		і форми на	16.1.	Project tasks		1 hour
	актив	НОСТИ	16.2.	Individual tasks		
			16.3.	Home learning		
17.	Metho	od of assessment				<u> </u>
	17.1.	Tests / oral exams				30 points
	17.2.	Seminars (paper / proj and/or oral)	ect - p	resentation: written		50 points
	17.3.	Activity and participati	on			20 points
18.		ssment Criteria (points /		up 50 points	5(five	e) (F)
	score)		51 to 60 points	6(six) (E)
				61 to 70 points	7 (se	even) (D)
				71 to 80 points	8 (ei	ght) (C)
				81 to 90 points	9 (ni	ne) (B)
				91 to 100 points	10 (t	en) (A)
19.	•	ture requirement and ng the final exam	e f	60% succsess achieve exam activities (minim from partial exams, lee classes and seminar v	um to ctures	otal 42 points s, practical
20.	Langu	age of teaching / study	ſ	Macedonian		
21.	Metho of tea	od of monitoring the qua ching	lity (Self-evaluation and ex	terna	l evaluation

	Requ	red literature			
	No.	Author	Title	Publisher	Year
22.1.	1.	Forthofer, R.N., Lee, E.S.	Introduction to Biostatistics: A Guide to Design, Analysis and Discovery	Academic Press, London	1995
	2.	Soldic – Aleksic J.	Applied data analysis	Faculty of economics – Belgrade	2011
	3.	Newbold. P., Carlson L.B., Thorn B.	Statistics for business and economics		2010
	Addit	ional literature		I	1
	No.	Author	Title	Publisher	Yea
22.2.	1.	Montgomery, D.C.	Design and Analysis of Experiments	John Wiley and Sons Inc., New York	2001
	2.				
	3.				

Anr	ex No.3							
		Prog	ram of the Course	- second	cycle studies			
1.	Title of t	he Course	_	HEALTCARE STATISTICS AND INFORMATION SYSTEMS IN HEALTCARE				
2.	Code		UGD2032	12				
3.	Study Pr	ogram	HEALTCAF	RE MANAC	GEMENT			
4.	Organizer of the study program		gram University (Goce Delce	ev			
	•	(unit or institute, Faculty, department)		Faculty of Economics				
5.	Cycle (first, second and third Second cycle cycle)							
6.	Academ	Academic year / semester		7.	Number of credits	6		
8.	Professo	or (s)		Ph.D. TrajkoMiceski, professor / Ph.D. OliveraTrajkovskaassociate professor				
9.	Requirer	nents for enrollme se	ent no	no				
	The course objective is to enable students to understand The information dimension of the organization, or as future managers, effective way to acquire store, share and distribute their knowledge to others in the organization. Within it, students will understand the basics and discern systematic approach, system analysis, information theory and the theory of information systems. Will also understand the organization of knowledge in modern enterprises, as well as its communication and use effective management. In the end, through the knowledge of the organization and construction of information systems, future managers will be able to work together in the functioning of, the use and improvement of modern information systems based on wide application or information technology.					on. Within ch, system Will also well as its rough the ms, future e use and		
11.								
	Information Revolution (Intangible resources on the Information Society), system design (system thinking and system access), System analysis, alongside (Concepts for defining information Semantic rules, transfer of information, quality of information), Information Systems (Man as information system, Information systems in organization), Information systems and organization, organization of the process of communicating information, Management and Information systems (entropy, Information management, Information Systems and management Information dimension levels in the process of management, Optimal management), information systems, economics, Elements of a strategy for the construction and development of information systems, designing new information systems.							

12.	Learn	ing methods:						
	-Oral	and writhing examination	on					
13.	Total	available time			120 hours			
14.	Distri	bution of available time			2+1+1 per week			
15.	Form	s of teaching / learning	15.1	. le	ectures / theoretica	-		2 hours
	activi	ties		С	ontact teaching,			
				e-teaching				
			15.2	-	heoretical and practical			
					exercises, e-exams, preparation of			
				independent seminar				
					vork			
16.	Други	і форми на	16.1	. P	Project tasks			1 hour
	актив	ности	16.2	. 1	ndividual tasks			
			16.3	. Г	lome learning			1 hour
17.		od of assessment						
	17.1.	Tests / oral exams						70 points
	17.2.				10 points			
	and/or oral) 17.3. Activity and participation						20 points	
18.	Assessment Criteria (points /				up 50 points	5(five) (E)	20 points
10.	score	••	-		51 to 60 points	6(six	, , ,	
					61 to 70 points	•	ven) (D)	
					71 to 80 points	•	ght) (C)	
					81 to 90 points		ne) (B)	
			-		91 to 100 points	``	en) (A)	
19.	Signa	ture requirement and		609	% success achieve		, , ,	al and
	•	ng the final exam			al exams		•	
20.	Langu	age of teaching / study		Ма	cedonian, English			
21.	Metho	od of monitoring the qua	lity	Sel	f-evaluation			
	of tea	ching						

22.	Literature								
		Required literature							
	22.1.	No.	Author	Title	Publisher	Year 1998			
		1. Ѓорѓијо	Ѓорѓијовски, Благоја	Менаџмент информацони системи,	Универзитет ски учебник, Економски факултет- Скопје,				
		2.							
		3.							
		Additional literature							
	22.2.	No.	Author	Title	Publisher	Year			
		1.	C. Laudon, Kenneth; P. Laudon, Jane	Management Information Systems,	Prentice Hall, New York	2006			
		2.							
		3.							