#### **Academic Program Description Form**

University name: UniversityTikrit

College/Institute: CollegeManagement and Economics

Scientific Department: DepartmentGeneral Administration

Name of academic or professional program:Public Administration Department

Final Certificate Name: BachelorScience in Public Administration

Academic system:Course system

Description preparation date: 14/9/2023

Date of filling the file: 14/9/2023

التوقيع : مركم التوقيع: اسم رئيس القسم: ١.م. حاضر صباح اسم المعاون العلمي: ١.م.د. أشر اسم المعاون العلمي: ١.م.د. أشرف هاشم فارس شعير التاريخ: 17 / 9 / 2023 التاريخ: 17 / 9 / 2023 دقق الملف من قبل شعبة ضمان الجودة والأداء الجامعي اسم مدير شعبة ضمان الجودكم والأداء الجامعي: أسامة موسى فرحان التوقيع التاريخ: 17/ 9 / 2023

1. Program Vision

Excellence in deliveryAngelspioneerAndTo lead public sector institutions that meet

stakeholder requirements, in line with global quality standards..

2. Program message

Providing the public sector with the educated administrative energies it needs to meet its aspirations in serving the community, and communicating with relevant stakeholders to consolidate community behaviors through education.andLearning, creating an open environment for cultural and intellectual exchange that stimulates scientific research, creativity, innovation and leadership, as well as disseminating knowledge to public sector institutions to ensure the well-being and excellence of society..

3. Program objectives

- Preparing graduates capable of working in government organizations, thus . N contributing to achieving social and economic development in society..
- Supporting government organizations and developing their knowledge in the .Y fields of central and local administration by providing them with specialized administrative cadres.In this field.
- Disseminating noble community values and instilling integrity behaviorsAnd ." community serviceIn the basics of workAdministrative.
- Continuous development of the scientific contributions portfolioFor .٤ membersThe teaching staff in the department and following up on their feedback to ensure the achievement of the objectives of the educational process.
- Building bridges of cooperation between the Public Administration Department .° and the community, and achieving a strategic partnership with government organizations by creating a cooperative environment that achieves continuous communication.andfor.

4. Program accreditation

# DoThe programIs the program accredited? And from which authority? both .<sup>T</sup>

5. Other external influences

Is there a sponsor? Forprogram? Yes, Ministry of Higher Education and Scientific .<sup>V</sup> Research

			6. Pro	gram Structure
comments	percentage	Study unit	Number of	Program
			courses	Structure
	9.4%	14	6	Institutional
				Requirements
	18%	27	10	College
				Requirements
	72.6%	109	40	Department
				Requirements
				Summer
				training
				Other

\*Notes may include whether the course is basic or optional.

7. Program	m Description	n / Curriculum of the Depart	tment of Public A	dministration
(	Credit hours	Course name	Course code	Year/Level
practical	theoretical			
	3	Principles of Public		
		Administration 1		
	3	Principles of Economics		First
	3	Principles of Statistics		
1	2	Computer 1Word		
	2	Arabic		
	II			

	2	Human rights and	
		democracy	
	3	Principles of Public	
		Administration 2	
	3	Mathematics for	
		administrators	
	3	Accounting principles	
	3	ReadingsEnglish	
1	2	Computer2Word	
	2	English language	
	3	Marketing Management	
	3	Human Resources	
		Management	
	2	Administrative law	
2	2	Intermediate Accounting	
	3	The development of	
		organizational thought	
	2	English language	
	2	Quantitative methods	Second
1	2	Computer1Excel	Second
	2	Baath crimes in Iraq	
	3	Public Relations	
2	2	Government accounting	
	2	Administrative Psychology	
	2	Civil Service Legislation	
	3	Political systems	
	2	Operations research	
1	2	Computer1Excel	
	3	Public Financial	
		Management	
2	2	unified accounting system	
	3	Local administration	Third
	3	Contract management	
	2	Quality Management	
	2	Public service ethics	

1	2	Database Computer	
		Applications2	
	2	English language	
	3	Organizational Behavior	
	3	Financial policies	
	2	General Project	
		Management	
	3	Management Information	
		Technology	
	3	Comparative local	
		management systems	
	2	Environmental	
		management	
1	2	Database Computer	
		Applications2	
	3	Production and Operations	
		Management	
	2	Comparative Public	
		Administration	
	3	Administrative	
		development1	
	3	Strategic Management1	
	2	English language	
1	2	Computer	
		Applications1QSB	Fourth
	2	Scientific research methods	Fourth
		and ethics	
	3	Strategic management	
	3	Administrative	
		development 2	
	2	Risk Management and	
		Insurance	
	3	General Policies	
1	2	Computer	
		Applications2QSB	

spected learning outcomes of the program	8. Ex
Knowledg	
Providing leading cadres in leading	The ability of the department's -
public sector institutions.	graduates to develop their
Disseminating knowledge in	administrative and cognitive skills and
government institutions to achieve the	achieve leadership in leading
aspirations of society.	government institutions.
The ability to manage and invest	
knowledge in a way that achieves the	
quality and efficiency of the academic	
program's outputs and their suitability	
for the labor market.	
Skil	
Developing and supporting the -	Management Department graduates -
spirit of creativity, innovation and	have the ability to think, solve
leadership.	problems and manage time.
Creating an open environment for -	
cultural and intellectual exchange.	
Communicate and interact	Our outputs should be knowledgeable -
constructively with stakeholders.	and skilled in how to accomplish the
	tasks assigned to them.
Value	
Establishing social and ethical	Adherence to professional ethics and -
responsibility.	the ability to demonstrate high
Serving the community and meeting its	professional competence.
requirements.	
Integrity and transparency.	The student must believe in the -
Quality.	principles of integrity and transparency,
	and have the ability to apply the

work.

### 9. Teaching and learning strategies

- Active learning: Encouraging students' active participation in learning processes, . such as discussions, group activities, and problem solving, to enhance their deep understanding of mathematical concepts.
  - Cooperative learning: Encouraging students to work together in small groups to .<sup>v</sup> solve problems.related to their studiesAnd sharing ideas, which contributes to enhancing interaction and knowledge exchange between them.
- Use of Technology: Leveraging technology to provide interactive learning tools .<sup>w</sup> such as computer software and online resources to enhance student understanding and motivation.
- Problem-based learning: presenting specific problems and motivating students to .٤ think critically and use skillsAdministrativeTo solve it.
- Multiple Instructional Strategies: Providing a variety of instructional strategies, .• such as interactive lectures, practical lessons, and hands-on exercises, to meet the diverse needs of students.
  - Promote thinkingAdministrativeEncourage students to develop thinking .<sup>3</sup> skills.AdministrativeSuch as analysis, planning and inference, by providing stimulating questions and applied problems.
    - Provide immediate feedback: Provide mechanisms to provide immediate .Y feedback to students on their performance and understanding of concepts.Administrative, whether through periodic assessments or direct interaction with the teacher.

#### **10. Evaluation methods**

- Classroom performance assessment: This includes assessing students'. performance during lessons, lectures and workshops, whether through written tests or continuous assessment of their participation and understanding of the material.
- Participation in discussions and activities: Students' participation in class .۲ discussions, group activities, and individual projects can be assessed to assess

their understanding and engagement with the material.

- Tests and assignments: Students may be given regular tests and assessment .<sup>r</sup> assignments to assess their problem-solving skills.related to their field of expertiseAnd their understanding of the concepts presented.
- Evaluating participation in research: The extent to which students participate in .<sup>£</sup> research activities and scientific projects can be assessed, and an evaluation can be provided of their presentation style and analysis of their results and conclusions.
  - Practical Performance Evaluation: Students can be evaluated in practical .• performance through: VisitsProcess and participation in applied activities.
  - Evaluation of external participation: This includes evaluation of the extent of .<sup>3</sup> students' participation in external activities such as conferences, seminars, and sports competitions.
    - Evaluation of Personal and Professional Development: Students' personal, .<sup>v</sup> professional and academic development can be evaluated during their participation in the faculty mentoring program.

#### 11. Faculty

<b>Faculty members</b>	Faculty	members
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Facu	ılty	Requirements/	Speci	alization		
prepa	ration	Skills (if any)			Academic Rank	
lecturer	angel		private	general		
	angel		Operations research	Statistics (Operations Research)	Asst. Prof. Dr. Mazhar Khaled Abdel Hamid	
	angel		Administrati ve law	General law	A.M.D. Mohamed Ahmed Raheel Aftan	
	angel		Financial manageme nt	business management	A.M.D. Qusay Jassim Mohammed Imran	
	angel		Bank manageme nt	business management	A.M. Mazen Noman Abdullah Bakr	

A.M. Adnan Fayha Mahmoud Khade	English language	linguistics	angel	
A.M. Ahmed Khad Ahmed A	business management	Financial manageme nt	angel	
Prof. Dr. Saad Saleh Is	economy	Political economy		lecturer
Asst. Prof. Dr. Yasser A Hamda	law	Special law		lecturer
Asst. Prof. Dr. Qusa Abboudi A	Calculators	Networks	angel	
A.M. Present Saba Shaeer Jaba	business management	Financial manageme nt	angel	
A.M. Tariq Aziz Kur	business management	Knowledge manageme nt	angel	
M. Khalaf Mohamme Alo	business management	organized	angel	
M Iman Muwaffaq Om	business management	Organizatio n theory	angel	
Mr. Salam Hussein Jassi Hano	business management	administrati on Financial	angel	
M. Najm Suhail Naj Abdulla	administration works	administrati on Financial	angel	
M. Talha Kwan Sale	business management	Human Resources	angel	
Ms. Aisha Abdel Khale	count	Applied statistics	angel	
Mr. Saad Salem Ghane Suleima	business management	business manageme nt	angel	
Dr. Qutaiba Ibrahi Hamad	business management	Financial manageme	angel	

		nt		
M. Hamid Anwar Danol า	General Administration	General Administrati on	angel	
Mr. Naji Hassan Ahmeo Allaw	business management	business manageme nt	angel	
M. Maysam Riad Bah	business management	Production and operations	angel	
Mr. Hussein Abdul Hamad Husseir	business	Human Resources	angel	
	management		1	
millimeter. Hassan Farhar	business	Human	angel	
	management	Resources		
Mr. Mohamed Mustaf	General	General	angel	
n Mohamed Ibrahin	Administration	Policies		
M. Ahmed Ayed Makhla	business	Human	angel	
	management	Resources		
M.M. Nihad Khami	business	Human	angel	
Hassar	management	Resources		
M. Mazhar Ahmed Khala	business management	Quality Manageme nt	angel	
Mr. Ali Mohammeo Huwaid Khate	business management	Production manageme nt	angel	
M.M. Ali Hamad Al	Financial and Banking Sciences	Bank manageme nt	angel	
M.M. Mohammed Salen Abde	Management Information Systems	Information systems	angel	
ge M. Alaa Ahmed Abdullał	English language	English literature		lecturer

a	angel	law	law	Mr. Ihab Abdullah Muhaimid
a	angel	Cost accounting	accounting	Mr. Yasser Fouad Taha
lecturer		law	law	Mr. Maher Sabah Habib
	angol	Financial	accounting	Mr. Mohammed Ahmed
a	angel	accounting	accounting	Diab
		Manageme		
a	angel	nt	accounting	Mr. Ali Fouad Taha
		accounting		
a	angel	about	Arabic	M.M. Ali Ghaleb Ali

**Professional development** 

**Orientation of new faculty members** 

Determining the needs of the university and the department: The needs of 1the university and the department are determined in terms of the required educational cadres and preferred specializations.

Orientation Programs: Customized orientation programs are designed for 2new, visiting, full-time and part-time members based on their needs and specialties.

Introduction to the University Environment: A comprehensive introduction 3to the university and the Department of Public Administration is provided, including an overview of the department, vision, mission, goals, and available services.

Providing support resources: New members are provided with the necessary 4resources and support, including training courses, workshops, and technical assistance.

Academic Orientation: New members are oriented regarding the curricula, 5research areas and teaching methods used in the department.

Administrative Orientation: New members are oriented to administrative 6procedures, responsibilities, university policies and code of conduct.

Ongoing Support: Ongoing support is provided to new, visiting, full-time 7-

# and part-time faculty members through advisory sessions, workshops and periodic evaluations.

### **Professional development for faculty members**

- Identifying needs and setting goals: Faculty needs are identified through surveys and performance evaluations, and then specific goals to be achieved within the program are identified.
- Development Program Design: Based on the specific needs and objectives, a comprehensive .<sup>v</sup> development program is designed that includes a set of activities, training courses, workshops, and educational resources.
  - Program Implementation: The development program is implemented in a regular and .<sup>r</sup> organized manner, including organizing workshops, conducting training courses, and providing appropriate educational resources.
  - Use effective teaching strategies: Faculty members learn to use and apply modern and .<sup>£</sup> effective teaching strategies, such as cooperative learning, active learning, and educational technology.
- Evaluation of learning outcomes: The effectiveness of the development program is evaluated ... by evaluating the learning outcomes of faculty members, such as increased levels of knowledge, teaching skills, and interaction with students.
- Continuous Development: Ongoing feedback and support is provided to faculty members to .7 promote ongoing professional and academic development.
- Participation in scientific research and publication: Faculty members are encouraged to .<sup>V</sup> participate in scientific research and publish the results in prestigious academic journals, which enhances their academic standing and contributes to the development of knowledge in their fields.

# **12. Acceptance Criteria**

- Central acceptance. -1
- Accepting exceptions (martyrs' families, children of faculty, distinguished employees, top -۲ students in institutes, foreign students).
  - Private government education -
    - Accepting evening studies.  $-\xi$

# 13. The most important sources of information about the program

- University, college and electronic department website. )
  - Priorities for establishing the department. -Y
- Project to develop and update the curricula of the faculties of management and -r
  - economics in Iraqi universities for the year 2017.

# 14. Program Development Plan

- Curriculum development. -)
- Open postgraduate studies (higher diploma equivalent to a master's degree). -<sup>7</sup>
- Developing teaching and administrative staff through courses, seminars and workshops in -

areas of specialization.

- Supporting scientific research efforts by encouraging faculty members to publish, especially in -٤ international journals.
  - Conducting training programs to develop students' capabilities in technical and information -• technology fields.
    - Organizing field visits and scientific trips for students to government institutions. -7

			rt	Cha	lls (	Ski	ram	Prog	]						
	ing outcomes of the program						earni	red l	Requi	R					
Year/L	Cou		Essent		ledg				Skill			S	/alue	Ι	
evel	rse code	Course name	ial or option al?	A 1	A 2	A 3	A4	<b>B</b> 1	B2	<b>B</b> 3	<b>B4</b>	A1	A2	A3	A4
		Principles of Public Administration 1		~	~	✓	✓	~	~	~	~	~	~	~	~
		Principles of Economics		✓	✓	✓	$\checkmark$	$\checkmark$	~	~	✓	$\checkmark$	✓	~	$\checkmark$
		Principles of Statistics		✓	✓	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	✓	$\checkmark$	✓	$\checkmark$	$\checkmark$
		Computer 1Word		✓	✓	$\checkmark$		✓	~	~		~	~	~	
		Arabic		$\checkmark$	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	$\checkmark$	
		Human rights and democracy		✓	✓			$\checkmark$	✓	$\checkmark$		$\checkmark$	✓	$\checkmark$	
First year		Principles of Public Administration 2		~	~	~	✓	~	~	~	~	~	~	~	~
-		Mathematics for administrators		~	✓	✓	✓	~	✓	✓	~	✓	✓	✓	✓
		Accounting principles		~	✓	✓	✓	✓	~	~	~	~	~	✓	✓
		ReadingsEnglis h		✓	✓	✓	✓	✓	~	✓	~	~	~	√	√
		Computer2Wo rd		✓	✓	✓		$\checkmark$	$\checkmark$	$\checkmark$		$\checkmark$	✓	$\checkmark$	
		English language		✓	✓	✓	✓	$\checkmark$	✓	✓	✓	✓	✓	✓	$\checkmark$
		Marketing Management		✓	✓	✓	$\checkmark$	✓	✓	✓	✓	✓	✓	✓	$\checkmark$
-		Human Resources Management		✓	✓	✓	✓	✓	~	~	~	~	~	~	✓
Casar		Administrative law		✓	✓	✓	✓	✓	~	✓	✓	✓	✓	✓	✓
Secon d		Intermediate Accounting		~	~	✓	✓	$\checkmark$	$\checkmark$	✓	✓	✓	✓	✓	$\checkmark$
year		The development of organizational thought		•	✓	✓	✓	~	•	~	•	~	<b>~</b>	~	~
		English language		✓	✓	✓	✓	~	✓	~	<b>~</b>	~	<b>~</b>	~	$\checkmark$
		Quantitative		$\checkmark$											

xc     el     es     oq     ic     ns     nt     ng     ye     gy     ce     on	methodsComputer1ExcelBaath crimesin IraqPublicRelationsGovernmentaccountingAdministrativePsychology	✓ ✓ ✓	✓ ✓	<ul> <li>✓</li> </ul>		✓	$\checkmark$	<ul> <li>✓</li> </ul>		~	$\checkmark$	✓	
xc     el     es     oq     ic     ns     nt     ng     ye     gy     ce     on	Computer1Exc el Baath crimes in Iraq Public Relations Government accounting Administrative	✓ ✓				$\checkmark$	$\checkmark$	./		./	./	$\checkmark$	
es or one of the second	Baath crimes in IraqPublic RelationsGovernment accountingAdministrative	✓	✓				•	v		v	v	•	
ic ns ns nt ng ns	Public       Relations       Government       accounting       Administrative			$\checkmark$		$\checkmark$	$\checkmark$	✓		$\checkmark$	$\checkmark$	$\checkmark$	
nt ng yve gy ce on	Government accounting Administrative	1	$\checkmark$	✓	$\checkmark$	$\checkmark$	$\checkmark$	✓	✓	$\checkmark$	$\checkmark$	$\checkmark$	<ul> <li>✓</li> </ul>
ve 3y ce on	Administrative	$\checkmark$	$\checkmark$	✓	$\checkmark$	✓	$\checkmark$	✓	✓	✓	$\checkmark$	$\checkmark$	<ul> <li>✓</li> </ul>
ce on	Psychology	✓	$\checkmark$	$\checkmark$	✓	✓	✓	✓	✓	✓	$\checkmark$	$\checkmark$	<ul><li>✓</li></ul>
	Civil Service	$\checkmark$	$\checkmark$	$\checkmark$	✓	✓	✓	✓	✓	✓	$\checkmark$	✓	✓
	Legislation Political	$\checkmark$	<ul> <li>✓</li> </ul>	$\checkmark$	✓		<ul> <li>✓</li> </ul>	✓	✓	✓	$\checkmark$	✓	<ul> <li>✓</li> </ul>
ns	Systems Operations	• •	· √	• •	• •	• •	• •	• •	• •	• •	• •	• •	
2h	research				-		-						<ul> <li>✓</li> </ul>
el	Computer1Exc el	✓	<ul> <li>✓</li> </ul>	<ul> <li>✓</li> </ul>	✓	✓	<ul> <li>✓</li> </ul>	✓	✓	✓	✓	✓	<ul> <li>✓</li> </ul>
al	Public Financial	~	$\checkmark$	$\checkmark$	✓	$\checkmark$	~	~	~	✓	✓	$\checkmark$	<ul> <li>✓</li> </ul>
	Management												
ng	unified accounting system	~	✓	✓	$\checkmark$	✓	~	~	~	~	~	~	~
al	Local administration	✓	~	✓	~	√	~	~	~	~	✓	~	$\checkmark$
ct	Contract management	✓	✓	✓	✓	✓	✓	✓	~	✓	✓	✓	✓
ty	Quality Management	✓	$\checkmark$	✓	$\checkmark$	$\checkmark$	$\checkmark$	✓	✓	✓	$\checkmark$	✓	<ul> <li>✓</li> </ul>
ce	Public service ethics	✓	✓	$\checkmark$	✓	✓	✓	✓	✓	✓	✓	✓	✓
se	Database	✓	✓	✓	✓	✓	✓	✓	✓	✓	$\checkmark$	✓	<ul> <li>✓</li> </ul>
s2 Third	Computer Applications2												
ge year	English language	✓	•	•	•	✓	·	•	<ul> <li>✓</li> </ul>	✓	✓	✓	<ul> <li>✓</li> </ul>
or	Organizational Behavior	✓	✓	✓	$\checkmark$	$\checkmark$	✓	✓	✓	✓	$\checkmark$	✓	~
	Financial policies	✓	$\checkmark$	✓	$\checkmark$	$\checkmark$	✓	✓	✓	✓	$\checkmark$	~	<ul> <li>✓</li> </ul>
et	General Project Management	✓	~	✓	~	√	~	~	~	<	✓	~	~
nt	Management	✓	✓	$\checkmark$	✓	✓	✓	✓	✓	✓	$\checkmark$	✓	✓
<u>gy</u>	Information Technology												
al	Comparative local management	✓	✓	✓	~	✓	~	~	~	~	~	~	~
ns	systems Environmental	✓	<b>√</b>	✓	✓	✓	<ul> <li>✓</li> </ul>	✓	<ul> <li>✓</li> </ul>	✓	✓	✓	<ul> <li>✓</li> </ul>
nt	management Database	· ✓	· ✓	· ✓	· •	·	· •	· •	· •	✓	· ✓	✓	· ·
er s2	Computer Applications2	·			•	•	•	•		•	•	•	
ns	Production and Operations Management	✓	~	~	~	√	~	~	~	<	~	~	~
ve h	Comparative Public	✓	~	~	✓	✓	~	✓	✓	~	~	~	~
ve	Administration Administrative development1	✓	~	~	✓	✓	✓	~	~	~	~	~	✓

 							<u> </u>					
Strategic	$\checkmark$											
 Management1												
English language	$\checkmark$											
Computer	$\checkmark$	$\checkmark$	<	$\checkmark$								
Applications1QS												
В												
Scientific	$\checkmark$											
research												
methods and												
 ethics												
Strategic	$\checkmark$											
 management												
Administrative	$\checkmark$											
development 2												
Risk	$\checkmark$	$\checkmark$	<	$\checkmark$								
Management												
and Insurance												
General Policies	$\checkmark$	$\checkmark$	<	$\checkmark$								
Computer	$\checkmark$											
Applications2QS		-	-	-		-	-	-	-		-	-
В												

\*Please tick the boxes corresponding to the individual learning outcomes of the programme being assessed.

# **Course Description Form**

1. Course name

**QSB(1)** 

2. Course code

nothing

3. Semester/Year

First semester\fourth year

4. Date this description was prepared

14/9/2023

		5. Available	forms of a	attendance
Weekly / Full tim				
	6. Number of	f study hours (total) / Nu	umber of u	nits (total)
			45 ho	urs-3 units
7. Name of th	ne course supe	ervisor (if more than one	e name is r	nentioned)
Assistant Prof	fessor Dr. Qusa	ay Abboudi Ali Email:Dr.	qusay.a.ali	@tu.edu.iq
			8. Course	objectives
<ol> <li>1-Definition of the conception</li> <li>2-Definition In conceptsQS</li> <li>3- Gaining knowledge in analytical system within systems</li> <li>and modern computer techt</li> <li>4- Explaining how administrative decision computers and issue an administrative reports.</li> </ol>	SB. using the computer nology to make us using	Subject obje	ectives	
		9. Teaching an	d learning	g strategies
I	organizing students to plied and technical innovative are used to learning providing id career a deeper the business	Strateg	5 <b>y</b>	
		-	10. Course	Structure
Evaluatio Learning n method method	Name of the unit or topic	Required learning outcomes	Watche s	The week
InternotInternotFollow uptheoreticalonhomeworkandformulatequestions	conceptQSB	Introduction to the quantitative system of business (QSB)	3	the first

	Γ				
On the systemQSB					
Follow up on homework and formulate questions On the systemQSB	theoretical	importance QSB	Job FeaturesQSB	3	the second
Follow up on homework and formulate questions On the systemQSB	Theoretica l+ Practical	Management analysis	ingredientsQSB	3	the third
Follow up on homework and formulate questions On the systemQSB	Theoretica l+ Practical	Types of analysis	Types of analysis lists for the programQSB	3	Fourth
Follow up on homework and formulate questions On the systemQSB	Theoretica l+ Practical	Mathematical model	Linear programming and management problem solving	3	Fifth
Follow up on homework and formulate questions On the systemQSB	Theoretica l+ Practical	Determine administrativ e restrictions	the solutionoptimum	3	Sixth
Follow up on homework and formulate questions On the systemQSB	Theoretica l+ Practical	Objective function	Sensitivity analysis	3	Seventh
			am + practical exam		
Follow up on homework and formulate questions On the	Theoretica l + Practical	The shortest way	Transportation methodsAdministrativ e	3	The eighth

	1				
systemQSB	<u> </u>				
Follow up	Theoretica	The shortest	Transportation	3	Ninth
on	l +	way	methodsAdministrativ		
homework	Practical		е		
and					
formulate					
questions					
On the					
systemQSB					
Follow up	Theoretica	Set	Customization	3	tenth
on	1+	restrictions			
homework	Practical	Analysis			
and	Tactical	Analysis			
formulate					
questions					
On the					
systemQSB					
Follow up	Theoretica	Low cost	low cost	3	eleventh
on	l+		low cost	5	eleventii
homework		applications			
and	Practical				
formulate					
questions On the					
systemQSB	(m)		Outine un du stier		101
Follow up	Theoretica	Statistical	Optimum production	3	twelfth
on	l +	analysis of the	line		
homework	Practical	best			
and		production			
formulate		lines			
questions					
On the					
systemQSB					
					thirtoonth
Follow up	Theoretica	Statistical	Optimum production	3	thirteenth
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Follow up on homework and formulate	l +	analysis of the best production		3	timteentii
Follow up on homework and formulate questions	l +	analysis of the best		3	timteentii
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Follow up on homework and formulate questions On the	l + Practical	analysis of the best production lines Second month e	line xam + practical exam		

# **11. Course Evaluation**

12 degrees (first month exam (theoretical + practical))

12 degrees (second month exam (theoretical + practical))

6 degrees (attendance, student participation and daily exams)

70 marks final exam (Theoretical + Practical)

	12. Learning and teaching resources
	Required textbooks (methodology if any)
Chang, YL., and Sullivan, R. S.: 'Quantitative	Main References (Sources)
systems for business: QSB' (Prentice-Hall, Inc.,	
2016.)	
	Recommended supporting books and
	references (scientific journals, reports)
	Electronic references, websites