

General information		
Course instructor		
Name of the course	Business Decision-Making Methods in the Hotel Industry	
Study programme	Undergraduate study: Business Economics in Tourism and Hospitality Module: Hospitality Management	
Status of the course	compulsory	
Year of study	4 th	
ECTS credits and manner of instruction	ECTS credits	6 ECTS
	Number of class hours (L+E+S)	60 (30+0+30)
1. COURSE DESCRIPTION		
1.1. Course objectives		
Ability to recognize the affiliation of certain problem situations to a certain model for which some methods and decision-making techniques has been already developed, as well as the ability to apply these methods and techniques to the needs of tourism.		
1.2. Course enrolment requirements		
For the course enrolment, students must have previous knowledge in Mathematics, Economics and Management.		
1.3. Expected learning outcomes		
<p>After passing the exam of the course Business Decision-Making Methods in the Hotel Industry, students should be able to:</p> <ol style="list-style-type: none"> 1. Correctly interpret basic concepts in the field of business decision-making method in tourism; 2. Describe appropriate business decision models and methods; 3. Apply appropriate business decision models and methods in solving specific problems in hotel and tourism practice; 4. Apply business decision methods to specific problems in hotel and tourism practice using an appropriate computer software support; 5. Critically evaluate the results of the application of business decision-making methods to the specific problems in hotel and tourism practice. 		
1.4. Course content		
Basics of linear programming theory. Types of linear programming models. Methods for solving linear programming problems (graphical and simplex method), and their application. Solving linear programming problems with computer software support. Specific linear programming problems (transport problem and assignment problem). Matrix game theory. Inventory management.		
1.5. Manner of instruction	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> exercises <input type="checkbox"/> distance learning <input type="checkbox"/> fieldwork	<input checked="" type="checkbox"/> individual assignments <input checked="" type="checkbox"/> multimedia and network <input type="checkbox"/> laboratories <input type="checkbox"/> mentorship <input type="checkbox"/> other
1.6. Comments	Lectures, seminars and workshops will complementing each other. Individual assignments, workshops, seminars and multimedia will allow students to work through the topics covered in the lectures and give the opportunity for questions, discussions and knowledge upgrading.	

1.7. Student responsibilities							
Students responsibilities are as follow: To attend lectures and seminar classes and actively participate in the teaching process, to solve a short quiz, to solve independent assignments, continuous assessments and final exam.							
1.8. Monitoring of student work ¹							
Class attendance	2	Class participation		Seminar paper		Experimental work	
Written exam	1	Oral exam		Essay		Research	
Project	1,5	Continuous assessment	1,5	Report		Practical work	
Portfolio							
1.9. Assessment of learning outcomes in class and at the final exam (procedure and examples)							
Assessment and evaluation of students in classes and at the final exam is conducted under the Rulebook on students' evaluation at the Faculty of Tourism and Hospitality Management. For each course there is a detailed course syllabus which coordinates activities, student load, learning outcomes and evaluation methods.							
1.10. Mandatory literature (at the time of submission of study programme proposal)							
1. Render, B., Stair, R., Hanna, E.M., Hale, T.S. (2018). Quantitative Analysis for Management (13th ed.). England: Pearson.							
1.11. Optional/additional literature (at the time of submission of the study programme proposal)							
1. Anderson, D. R., Sweeney, D. J., Williams, T. A., Camm, J. D., Cochran J. J. (2019). An Introduction to Management Science: Quantitative Approaches to Decision Making (15th Edition). USA: Cengage Learning							
1. Number of assigned reading copies in relation to the number of students currently attending the course							
Title						Number of copies	Number of students
1. Render, B., Stair, R., Hanna, E.M., Hale, T.S. (2018). Quantitative Analysis for Management (13th ed.). England: Pearson.						5	
2. Quality monitoring methods that ensure the acquisition of exit knowledge, skills and competences							
The quality of the program, the teaching process, the teaching skills and the level of the material acceptance will be established by means of a written evaluation of the extensive questionnaires and in other ways envisaged by the accepted standards, in accordance with the Rulebook on Quality Assurance and Improvement of the University of Rijeka and the Quality Assurance and Improvement of the Faculty of Tourism and Hospitality Management.							

¹ IMPORTANT: Enter the appropriate proportion of ECTS credits for each activity so that the total number of credits equals the ECTS value of the course. Use empty fields for additional activities.