

COURSE DESCRIPTION

University: <i>School of Economics and Management in Public Administration in Bratislava</i>	
Department: <i>Department of Management Informatics</i>	
Code:	Course name: <i>Informatics I.</i>
Type, extent and method of instruction: <i>Full-time studies - 4 lectures</i>	
Number of credits: <i>4</i>	
Study degree: <i>Bachelor</i>	
Prerequisites:	
Course completion conditions: <i>The overall evaluation consists of the sum of the points obtained from the theoretical part and the practical one. Course score is therefore the sum of the points for attendance at 4 lectures – 20 points, 2 assignments – 40 points and 2 online tests – 40 points.</i>	
Course aims: <i>The course Informatics I. consists of a theoretical and practical part.</i> <i>1. The purpose of the theoretical part of the course is:</i> <i>gaining basic orientation in selected topics and concepts from the world of information technology in the field of corporate informatics.</i> <i>2. The purpose of the practical part of the subject is:</i> <i>acquire skills when using advanced text editor features for the MS Word product example, which is part of the MS Office suite.</i>	
Brief outline of the course: <ol style="list-style-type: none"><i>1. Informatics, information, system</i><i>2. Enterprise as a system, Business processes</i><i>3. Business Information System (BIS)</i><i>4. IT infrastructure and its individual components (HW, SW, nets)</i><i>5. BIS infrastructure</i><i>6. Natural relation of IT development</i><i>7. News in IT infrastructure: BYO(X), virtualization, Cloud, IoT</i><i>8. BIS data</i><i>9. Data, applications and users</i><i>10. Data modelling</i><i>11. Relation database and SQL</i><i>12. XML</i><i>13. Big data and Open data</i><i>14. Types of Business Applications</i>	
Recommended literature: <i>KENNETH C. LAUDON, JANE P. LAUDON, MANAGEMENT INFORMATION SYSTEMS, MANAGING THE DIGITAL FIRM, 13 EDITION, PEARSON 2014</i>	
Language of instruction: <i>English</i>	
Notes:	

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University: <i>School of Economics and Management in Public Administration in Bratislava</i>	
Department: <i>Department of Management Informatics</i>	
Code:	Course name: <i>Informatics II.</i>
Type, extent and method of instruction: <i>Full-time studies - 4 lectures</i>	
Number of credits: <i>4</i>	
Study degree: <i>Bachelor</i>	
Prerequisites:	
Course completion conditions: <i>The overall evaluation consists of the sum of the points obtained from the theoretical part and the practical one. Course score is therefore the sum of the points for attendance at 4 lectures – 20 points, 2 assignments – 40 points and 2 online tests – 40 points.</i>	
Course aims: <i>The course Informatics II. consists of a theoretical and practical part.</i> <i>1. The purpose of the theoretical part of the course is:</i> <i>gaining basic orientation in selected topics and concepts from the world of information technology in the field of corporate informatics.</i> <i>2. The purpose of the practical part of the subject is:</i> <i>acquire skills when using advanced text editor features for the MS Word product example, which is part of the MS Office suite.</i>	
Brief outline of the course: <ol style="list-style-type: none"><i>1. IT infrastructure applications</i><i>2. Portals and Cloud Applications</i><i>3. Transaction processing systems</i><i>4. Decision Support Applications</i>	
Recommended literature: <i>KENNETH C. LAUDON, JANE P. LAUDON, MANAGEMENT INFORMATION SYSTEMS, MANAGING THE DIGITAL FIRM, 13 EDITION, PEARSON 2014</i>	
Language of instruction: <i>English</i>	
Notes:	

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University: <i>School of Economics and Management in Public Administration in Bratislava</i>	
Department: <i>Department of Management Informatics</i>	
Code:	Course name: <i>Informatics III.</i>
Type, extent and method of instruction: <i>Full-time studies - 4 lectures</i>	
Number of credits: 3	
Study degree: <i>Bachelor</i>	
Prerequisites:	
Course completion conditions: <i>The overall evaluation consists of the sum of the points obtained from the theoretical part and the practical one. Course score is therefore the sum of the points for attendance at 4 lectures – 20 points, 2 assignments – 40 points and 2 online tests – 40 points.</i>	
Course aims: <i>The course Informatics III. consists of a theoretical and practical part.</i> <i>1. The purpose of the theoretical part of the course is:</i> <i>gaining basic orientation in selected topics and concepts from the world of information technology in the field of corporate informatics.</i> <i>2. The purpose of the practical part of the subject is:</i> <i>acquire skills when using advanced text editor features for the MS Word product example, which is part of the MS Office suite.</i>	
Brief outline of the course: <ol style="list-style-type: none"><i>1. Applications to support External Relationships Management</i><i>2. Individual Productivity Applications</i><i>3. IT Security 1</i><i>4. IT Security 2</i>	
Recommended literature: <i>KENNETH C. LAUDON, JANE P. LAUDON, MANAGEMENT INFORMATION SYSTEMS, MANAGING THE DIGITAL FIRM, 13 EDITION, PEARSON 2014</i>	
Language of instruction: <i>English</i>	
Notes:	

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University: <i>School of Economics and Management in Public Administration in Bratislava</i>	
Department: <i>Department of Management Informatics</i>	
Code:	Course name: <i>Informatics IV.</i>
Type, extent and method of instruction: <i>Full-time studies - 4 lectures</i>	
Number of credits: 3	
Study degree: <i>Bachelor</i>	
Prerequisites:	
Course completion conditions: <i>The overall evaluation consists of the sum of the points obtained from the theoretical part and the practical one. Course score is therefore the sum of the points for attendance at 4 lectures – 20 points, 2 assignments – 40 points and 2 online tests – 40 points.</i>	
Course aims: <i>The course Informatics IV. consists of a theoretical and practical part.</i> <i>1. The purpose of the theoretical part of the course is:</i> <i>gaining basic orientation in selected topics and concepts from the world of information technology in the field of corporate informatics.</i> <i>2. The purpose of the practical part of the subject is:</i> <i>acquire skills when using advanced text editor features for the MS Word product example, which is part of the MS Office suite.</i>	
Brief outline of the course: <ol style="list-style-type: none"><i>1. BI Development and Operation Management</i><i>2. Business Process Management and Modelling</i><i>3. Lifecycle of IT Application</i><i>4. Public Administration and Self-Government Portals</i>	
Recommended literature: <i>KENNETH C. LAUDON, JANE P. LAUDON, MANAGEMENT INFORMATION SYSTEMS, MANAGING THE DIGITAL FIRM, 13 EDITION, PEARSON 2014</i>	
Language of instruction: <i>English</i>	
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