

**Master of Science in Data Protection and Information Management**  
**- Taught in Romanian -**

Code	Course	Sem	C	S	L	P	CP	Evaluation
UPB.03.M1. O.16-01	Cryptography and Cryptanalysis	I	2	2			4	E
UPB.03.M1. O.16-02	Biometrics. Security Metrics	I	2			1	4	E
UPB.03.M1. O.16-03	Information Systems Security	I	2			1	4	E
UPB.03.M1. O.16-04	Data and workflow modeling	I	2			1	4	E
UPB.03.M1. O.16-05	Information search and retrieval techniques	I	2			1	4	E
	<b>Total teaching hours: 16h</b>		<b>10</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>20</b>	
UPB.03.M1. O.16-06	<b>Research activities: 12h</b>	I	<b>12</b>				<b>10</b>	P
	<b>TOTAL</b>		<b>28 hours/week</b>				<b>30</b>	
UPB.03.M2. O.16-07	High Performance Computing	II	2			1	4	E
	High Security Level Audio-Video Coding							
UPB.03.M2. O.16-08	Strategic Management and Risk Management	II	2			1	4	E
UPB.03.M2. O.16-09	Authentication and authorization for access to information. Audit and certification systems	II	2		1		4	E
UPB.03.M2. O.16-10	Reliability, maintenance and safe operation of information systems	II	2			1	4	
UPB.03.M2. O.16-11	Model Driven Engineering for Information and Services Management	II	2			2	4	E
	<b>Total teaching hours: 18h</b>		<b>10</b>		<b>1</b>	<b>5</b>	<b>20</b>	
UPB.03.M2. O.16-12	<b>Research activities: 10h</b>	II	<b>10</b>				<b>10</b>	P
	<b>TOTAL</b>		<b>28 hours/week</b>				<b>30</b>	
UPB.03.M3. O.16-13	Information protection in e-systems	III	2			1	4	E
UPB.03.M3. O.16-14	Software Reliability and dependability benchmarking	III	2			1	4	E
UPB.03.M3. O.16-15	Entrepreneurship, Intellectual Property and Dissemination	III	2	1			4	E
UPB.03.M2. O.16-16	Software Testing and Quality Assurance	III	2		1		4	
UPB.03.M3. O.16-17	Concurrent engineering and innovation management	III	2		2		4	E
	Planning applications and project management							
	<b>Total teaching hours: 16h</b>		<b>10</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>20</b>	

UPB.03.M3. O.16-18	<b>Research activities: 12h</b>	<b>III</b>	<b>12</b>				<b>10</b>	P
	<b>TOTAL</b>		<b>28</b>				<b>30</b>	
	<b>Total teaching hours: 0h</b>	<b>IV</b>						
UPB.03.M4. O.16-19	<b>M.Sc. thesis preparation: 12h</b>	<b>IV</b>				<b>12</b>	<b>12</b>	P/NP
UPB.03.M4. O.16-20	<b>Research activities: 16h</b>	<b>IV</b>				<b>16</b>	<b>18</b>	P
	<b>Total</b>		<b>28 hours/week</b>				<b>30</b>	

**Evaluation:** E-exam with grading; V-verification during the semester with grading;

P- project with grading. The grading scale is 1-10.

P/NP – verification during the semester with P (Passed) or NP (Not passed) grade.

*Program coordinator*

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*Dean*

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