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**COURSE SHEET**

<i>Course name</i>	<b>Information Networks and services management</b>
<i>Acronym</i>	<b>INSM</b>

*Level:*

1. (BSc)	2. (MSc)
	X

*Field of study:*

<i>Electronics and Telecommunications</i>	<i>Control Engineering and Robotics</i>	<i>Informatics</i>
X		

*Person responsible for the course:*

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**List of Topics - Seminar**

<i>No</i>	<i>Topic</i>	<i>Level of</i>					<i>No of hours</i>
		<i>knowledge</i>			<i>skills</i>		
		<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	
1.	Introduction to seminar. Goals and tasks of network and services management.		X				1
2.	Concept of system management: manager-agent model		X				1
3.	Functional and informational architecture of management network.		X				1
4.	Tasks and methods of fault and configuration management in circuit switched networks.		X				1
5.	Tasks and methods of fault and configuration management in packet switched networks.		X				1
6.	Tasks and methods of network performance management in circuit switched networks.		X				1
7.	Access network management		X				1
8.	SS7 network management		X				1
9.	SDH network management		X				1
10.	Management of optical transport network		X				1
11.	Management tools and protocols in IP network		X				1
12.	Management of performance in IP network		X				1
13.	Configuration and fault management in IP network		X				1
14.	Management of media gateway		X				1
15.	Principles of network management systems design		X				1

**Total**     **15**