

Field of study: Computers and Information Technology
Programme of study: Distributed Systems and Web Technologies
(in English and in Romanian)

Title awarded: Master of Engineering

Study duration: 4 semesters

Form of education: full time

CURRICULUM

First year of study

	No.	Course Name	Course Code	Cond.	1st Semester						2nd Semester							
					No. of hours/ week/course					EF	K	No. of hours/ week/course					EF	K
					C	S	L	P	IS			C	S	L	P	IS		
Compulsory courses (CC)	1	Fundamentals of the Distributed Systems	SD.DS.101		2		1	1	7	E	8							
	2	Languages and Web Technologies	SD.DS.102		2		2		7	E	8							
	3	Service Oriented Programming	SD.DS.103									2		1	1	7	E	8
	4	High Performance Computing	SD.DS.104									2		1		6	E	7
Elective courses (EC)	5	Java Programming	SD.DID.105		2		1		6	E	7							
		Distributed Systems Security	SD.DID.106		2		1		6	E	7							
	6	Windows Network Management	SD.DID.107		2		1		6	C	7							
		Linux Network Management	SD.DID.108		2		1		6	C	7							
	7	Reliability of Distributed Systems	SD.DS.109									2		2		7	E	8
		Modelling and Simulation of Distributed Systems	SD.DS.110									2		2		7	E	8
	8	Digital Image Processing	SD.DID.111									2		1		6	C	7
		Advanced Computer Graphics	SD.DID.112									2		1		6	C	7
Number of hours per week, number of evaluations per semester and number of credits per semester for compulsory (CC) and elective (EC) courses					8		5	1	26	3E, 1C	30	8		5	1	26	3E, 1C	30
					14							14						

RECTOR,

Prof. Ion Giurma

DEAN,

Prof. Corneliu Lazăr

HEAD OF DEPARTMENT,

Prof. Petru Cașcaval

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Second year of study

	No.	Course Name	Course Code	Cond.	3rd Semester						4th Semester							
					No. of hours/ week/course					EF	K	No. of hours/ week/course					EF	K
					C	S	L	P	IS			C	S	L	Pr	IS		
Compulsory courses (CC)	1	Distributed Application Design Paradigms	SD.DS.113		2		2		7	E	8							
	2	Modelling and Analysis of Multiagent Systems	SD.DS.114		2		1	1	7	E	8							
	3	Visualization in Distributed Systems	SD.DS.115		2		1		6	E	7							
	4	Cluster and Grid Technologies	SD.DS.116		2		1		6	E	7							
	5	Research Practice for Disertation Thesis	SD.DS.117												14	26	C	30
Number of hours per week, number of evaluations per semester and number of credits per semester for compulsory (CC) and elective (EC) courses					8		5	1	26	4E	30			14	26	1C	30	
					14							14						

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