FACULTY OF SCIENCES

Department: Mathematics and Computer Science

L 1 Mathematics

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday	Machine structure 1 Amphi B	G1 DW Gen Elec S 19 G2 DW Anal 1 S 5 G5 DW Mach s 1 S 6	G1 DW Mach s 1 S 6 G3 DW Gen Elec S 19 G5 PW Algo Lab 10 G6 PW Algo Lab 5	G2 DW Algo S 33 G4 DW Mach s 1 S 6 G6 DW Algo S 3	G3 PW Algo Lab 7
Sunday	G5 DW Algo S 19	G6 DW Mach s 1 S 3	Algorithms and Data Structures 1 Amphi A	Analysis 1 Amphi B	G4 DW Algo S Bib 4
Monday	G3 DW Mach s 1 S 3	Algebra 1 Amphi B	G1 DW Anal 1 Lab 9 G3 DW Algo S 16 G4 DW Algeb 1 Lab 11	G1 DW Algo S 17 G2 DW Anal 1 S 10 G4 DW Anal 1 S 5 G5 DW Gen Elec S 6 G6 DW Algeb 1 S 18	G2 DW Gen Elec S 6 G3 DW Anal 1 S 5
Tuesday	Free Software Amphi A	G1 DW Algeb 1 S 6 G5 DW Algeb 1 Lab 11 G6 DW Anal 1 Lab 10	G1 DW Anal 1 S Bib 4 G2 DW Algeb 1 S 6 G4 PW Algo Lab 9 G6 DW Gen Elec S 19	G2 PW Algo Lab 7 G3 DW Algeb 1 S 18 G4 DW Gen Elec S 19 G5 DW Anal 1 S 3	Algorithms and Data Structures 1 Amphi A
Wednesday	G4 DW Anal 1 Lab 8	G3 DW Anal 1 S 17 G6 DW Anal 1 Lab 7	Analysis 1 Amphi A	G1 PW Algo Lab 11 G2 DW Mach s 1 S 3 G5 DW Anal 1 S 16	Physics 1 Amphi A
Thursday					History of Algeria Distance teaching

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L1 – Computer Science, Section 1

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday	Free Software Amphi A	G3 DW Anal 1 S 10 G4 DW Gen Elec S 3 G5 PW Algo Lab 7	Machine structure 1 Amphi B	G1 DW Gen Elec S 18 G2 DW Gen Elec S 19	G1 DW Mach s 1 S 33 G5 DW Gen Elec S 19
Sunday	G4 DW Algo S 3	Algorithms and Data Structures 1 Amphi B	G1 DW Algo S 17 G2 PW Algo Lab 11 G4 DW Anal 1 S 3 G5 DW Anal 1 S 6	G1 PW Algo Lab 11 G3 DW Anal 1 S Bib 2 G5 DW Algo S Bib 4	G4 PW Algo Lab 1
Monday	Algebra 1 Amphi B	G2 DW Algo S 16 G3 DW Algeb 1 S 6 G4 DW Mach s 1 S 3	General Electricity Amphi A	G4 DW Anal 1 S 3 G5 DW Algeb 1 S 16	G2 DW Algeb 1 S 16
Tuesday	G2 DW Anal 1 S 17 G5 DW Mach s 1 S 3	G1 DW Anal 1 S 16 G3 DW Mach s 1 S 3 G5 DW Anal 1 Lab 8	Analysis 1 Amphi A	G1 DW Algeb 1 S 33	G3 PW Algo Lab 7
Wednesday	Analysis 1 Amphi A	Algorithms and Data Structures 1 Amphi A	G1 DW Anal 1 S 33 G2 DW Mach s 1 S 5 G4 DW Algeb 1 S 3	G2 DW Anal 1 S 33 G3 DW Gen Elec S 32	G3 DW Algo S 17
Thursday					History of Algeria Distance teaching

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Department: Mathematics and Computer Science

L1 – Computer Science, Section 2

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday	G7 DW Gen Elec S Bib 2 G8 DW Anal 1 S 10	Machine structure 1 Amphi B	G6 DW Gen Elec S 33 G7 PW Algo Lab 8 G8 DW Algo S Bib 2 G9 DW Anal 1 S 10	G10 DW Mach s 1 S Bib 2	General Electricity Amphi B
Sunday	G6 DW Mach s 1 S 10	Algorithms and Data Structures 1 Amphi A	G8 DW Anal 1 Lab 8	G6 PW Algo Lab 7 G7 DW Anal 1 S 3	G8 PW Algo Lab 10 G9 DW Anal 1 S Bib 2
Monday	G7 DW Algeb 1 S 18	Free Software Amphi A	G6 DW Algeb 1 Lab 5 G9 DW Algo S 17	Algebra 1 Amphi A	G7 DW Anal 1 S 3 G10 PW Algo Lab 10
Tuesday	G6 DW Anal 1 S Bib 4 G10 DW Anal 1 S 5	Analysis 1 Amphi B	Algorithms and Data Structures 1 Amphi B	G8 DW Gen Elec Lab 10 G9 PW Algo Lab 11	G10 DW Gen Elec S Bib 2
Wednesday	G7 DW Mach s 1 S 3 G8 DW Algeb 1 S 17 G10 DW Algo S 16	G6 DW Anal 1 S 16 G7 DW Algo Lab 8 G8 DW Mach s 1 S 3 G9 DW Algeb 1 Lab 5	G6 DW Algo Lab 9 G9 DW Gen Elec Lab 10 G10 DW Algeb 1 S 18	Analysis 1 Amphi A	G9 DW Mach s 1 S 3
Thursday	G10 DW Anal 1 S 3			History of Algeria Distance teaching	

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Department: Mathematics and Computer Science

L2 – Mathematics

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday				Introduction to Topology S 32	DW Intro Top S 32
Sunday	Introduction to Topology S 32	DW Intro Top S 32		Analysis 3 S 32	DW Analysis 3 S 32
Monday	Numerical Analysis 1 S 32	DW Num Ana 1 S 32	PW Num Ana 1 Lab 7		
Tuesday	Analysis 3 S 32	DW Analysis 3 S 32		Mathematical Logic S 32	DW Math Logic S 32
Wednesday					Introduction to LaTeX Distance teaching
Thursday	Advanced Scientific Computing with Python S 32	PW Python Lab 7	Algebra 3 S 32	DW Algebra 3 S 32	

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Department: Mathematics and Computer Science

L2 – Computer Science

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday		Object-Oriented Programming 1 Amphi A	Numerical Methods Amphi A	G1 PW Num Meth Lab 5 G2 PW Bus Man Lab 8	G1 PW Bus Man Lab 8 G5 PW Num Meth Lab 5
Sunday	Business Management Amphi B	G1 DW IS S 10 G3 PW OOP Lab 7 G4 PW Num Meth Lab 5 G5 PW Bus Man Lab 10	G2 PW OOP Lab 7 G3 PW Num Meth Lab 5 G5 DW IS S 10	Information Systems Amphi A	G2 PW Num Meth Lab 5
Monday	G3 DW Archi Lab 9	G2 DW Archi Lab 9	Computer Architecture Amphi B	Probability and Statistics 1 Amphi B	G1 DW Prob S 32 G5 DW Archi S 10
Tuesday	Algorithms and Data Structures 3 Amphi B	G1 DW Algo 3 S Bib 2 G4 DW Archi Lab 5 G5 PW OOP Lab 7	G1 DW Archi S 3 G2 DW Algo 3 S Bib 2 G3 PW Bus Man Lab 8 G4 PW OOP Lab 7		G4 PW Bus Man Lab 9
Wednesday	G4 DW IS S 10	G3 DW IS S 10 G4 DW Algo 3 S 6	G4 DW Prob Lab 8 G5 DW Algo 3 S 17	G2 DW IS S 5 G3 DW Prob S Bib 2	G1 PW OOP Lab 7 G3 DW Algo 3 S 19 G5 DW Prob S 32
Thursday		G2 DW Prob S 17			

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Department: Mathematics and Computer Science

L3 – Mathematics

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday					
Sunday	Differential Equations S 33	DW Diff Equ S 33	Measurement and Integration S 33		
Monday	Differential Equations S 33	DW Equ Math Phy S 33	Normated Vector Spaces S 33		
Tuesday			Equations of Mathematical Physics S 33		
Wednesday	Unconstrained Optimization S 33	DW Unc Opt S 33	PW Unc Opt Lab 7	Introduction to Mathematics Education Distance teaching	
Thursday	Measurement and Integration S 33	DW Meas Int S 33	DW Norm Vec S 33		

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L3 – Computer Science

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday	G2 PW Comp Lab 9 G3 DW Proba S 32 G5 PW IHM Lab 11	G3 PW Comp Lab 5 G4 PW IHM Lab 11 G5 DW Proba S 32	G1 PW Comp Lab 7 G2 PW IHM Lab 11 G4 DW Proba S 5	G1 DW Proba S 16 G4 PW Comp Lab 11 G5 DW Soft Eng S 10	G2 DW Proba S 10 G4 DW Soft Eng S Bib 2
Sunday		G2 DW Soft Eng S Bib 2	G1 PW IHM Lab 9 G4 DW Lin Pro S 5	G1 DW Lin Pro S 5 G3 PW IHM Lab 5 G4 DW SE2 S 10	Human Machine Interface Amphi A
Monday	G3 DW Comp S 19	G4 DW Comp S 19	G3 DW Lin Pro S 6	G2 DW Comp S Bib 2 G3 DW Soft Eng S 33 G5 DW Lin Pro S 19	G2 DW Lin Pro S 17 G3 DW SE2 S 33 G5 DW Comp S Bib 2
Tuesday	G1 DW Comp S Bib 2 G5 PW Comp Lab 11	Compilation Amphi A		Probability and Statistics Amphi B	Linear Programming Amphi B
Wednesday			G1 DW SE2 Lab 11	G5 DW SE2 S 17	G2 DW SE2 S 10
Thursday	G1 DW Soft Eng S Bib 2	Software Engineering Amphi A	Operating system 2 Amphi A	Digital economy and strategic monitoring Distance teaching	

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M1 MAA

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday	Mathematical Modeling S 33	DW Math Mod S 33		Functional Analysis 1 S 5	DW Func Ana S 5
Sunday	Distributions and Fourier Analysis 1 S 17	DW Distributions S 17	Differential Calculus S 16		
Monday	Convex Analysis S 5	DW Convex Analysis S 5	Functional Analysis 1 S 3		
Tuesday	Convex Analysis S 18		Distributions and Fourier Analysis 1 S 16		
Wednesday	Differential Calculus S 32	DW Diff Cal S 32		Multivalued Analysis S 6	DW Multi Ana S 6
Thursday					Ethics of Artificial Intelligence Distance teaching

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Department: Mathematics and Computer Science

M1 DMA

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday					
Sunday	Sets and Binary Relations S 16	DW Graph Theory I S 19	Graph Theory I S 19	DW Sets B R S 18	
Monday	PW Math Mod Lab 11	Mathematical Modeling Lab 11	Graph Theory I S 19		
Tuesday		Group Theory S 5	DW Group Theory S 10	Arithmetic I S 17	DW Arithmetic I S 17
Wednesday	Combinatorics I Lab 11	DW Combinatorics I Lab 11			
Thursday	Sets and Binary Relations S 6	Group Theory S 3		Ethics of Artificial Intelligence Distance teaching	

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M1 OR

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday			English 1 Distance teaching		
Sunday	Graph Theory S 5		Artificial Intelligence Techniques Lab 10		PW AI Lab 7
Monday	Data Analysis Lab 5	DW Data Anal Lab 5			
Tuesday		Tools and Numerical Programming S 18		DW Mat Num S 10	Matrix Numerical Analysis S 10
Wednesday	Graph Theory S 5	DW Graph Theory S 5	DW Linear Pro S 6	Linear Programming S 18	
Thursday	PW Data Anal Lab 7		DW Adv Pro S 17	Advanced Probability S 17	

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M1 NDS

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday					Green computing Distance teaching
Sunday	DW Adv Data S 6 PW Adv Net Lab 11	PW Adv Net Lab 11 DW Adv Data S 6	Advanced Databases Amphi B	PW Data Anal Lab 8	PW Data Anal Lab 8
Monday	Advanced Networks 1 Amphi A	DW Adv Net S 18	DW Adv Net S 18	PW Netw Mod Lab 5	Network Modeling and Simulation Amphi A
Tuesday			PW Netw Mod Lab 10	Data Analysis Amphi A	Introduction to the Internet of Things Distance teaching
Wednesday	DW Dist Sys Lab 7 DW Adv Algo S 19				
Thursday	Advanced Algorithms and Complexity Amphi A	DW Adv Algo S Bib 2 DW Dist Sys S 10	Distributed Systems 1 S Bib 4		

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M1 AI

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday				Advanced Networks Distance teaching	Green computing Distance teaching
Sunday	Knowledge Representation and Reasoning Amphi A		Advanced Databases Amphi B	PW Know Rep Lab 10	
Monday	DW Adv Data S 10		PW ML Lab 10		Machine Learning Amphi B
		DW Adv Data S 10		PW ML Lab 9	
Tuesday	PW Adv Net Lab 10			Data Analysis Amphi B	
		PW Adv Net Lab 9			
Wednesday		DW Adv Algo S 19	DW Opt Meth S 16		Optimization Methods S Bib 2
			DW Adv Algo S 19	DW Opt Meth S 19	
Thursday	Advanced Algorithms and Complexity Amphi A	DW Data Anal S 16			
			DW Data Anal S 16	PW Know Rep Lab 7	

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M2 MAA

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday					
Sunday	Stochastic Processes S 18	DW Sto Proc S 18		Entrepreneurship Distance teaching	
Monday	Spectral Methods S 17		Variational Analysis and Gamma Convergence S 5	LaTeX Writing Lab 7	PW LaTeX Lab 7
Tuesday	DW Spec Meth S 10	Spectral Methods S Bib 4	DW Var Anal S 5	Variational Analysis and Gamma Convergence S 5	
Wednesday	Multivalued Analysis and Applications S 18	DW Mult Anal S 18			
Thursday		Multivalued Analysis and Applications S 32	Elliptic Equations S 5	DW Ellip Equa S 5	

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M2 CAPA

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday					
Sunday	DW Stoch Diff Lab 9	PW Latex Lab 8	Stochastic Processes S 18		
Monday	Group Theory S 6	DW Group Theory Lab 8	Game Theory S 32	DW Game Theory S 32	
Tuesday	Stochastic Processes S 33	DW Sto Proc S 33	Group Theory S 18	Game Theory S 16	
Wednesday	Stochastic Differential Equations S 6		Scientific Article Writing Distance teaching		
Thursday		LaTeX Writing S 6	Multicriteria Optimization S 18	DW Multi Opt S 18	

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M2 OR

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday		Statistical Simulation S 18	DW Stat Sim S 18		English 2 Distance teaching
Sunday	Combinatorial Optimization S Bib 2	DW Comb Opt S 16	Business Management S 32		
Monday	PW Data Mining Lab 8	Data Mining S 17	Graphs and Modeling S 10		
Tuesday	DW Adv Oper S 19	Advanced Operations Research S 17	Combinatorial Optimization S 17		
Wednesday	DW Scheduling Lab 10	Scheduling Lab 10	Graphs and Modeling S 10	DW Graph Mod S 10	
Thursday					

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M2 ISTW

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday				Scientific Article Writing Distance teaching	
Sunday	PW Metaheuristics Lab 10	Metaheuristics and Evolutionary Algorithms S 5	DW IR S Bib 4		
Monday	Linux S 16	Web Application Security S Bib 2	PW Web App Lab 8	PW Linux Lab 11	
Tuesday	Information Retrieval & Text Mining S 16			IT Project Management S 6	DW IT Pro Man S 6
Wednesday			DW Metaheuristics S 32	PW RI Lab 5	
Thursday	Model Engineering S 5	DW Model Eng S 5			

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M2 AAI

	8:00 - 9:30	9:35 - 11:05	11:10 - 12:40	12:45 - 14:15	14:20 - 15:50
Saturday			Dissertation and Scientific Article Writing Distance teaching	Academic Ethics Distance teaching	
Sunday	Information Retrieval S Bib 4	PW ANLP Lab 9 DW IR S Bib 4	Advanced Natural Language Processing S Bib 2	PW ANLP Lab 9	
Monday	Bioinformatics S Bib 2	PW ACV Lab 7 PW Bioinformatics Lab 10	Advanced Computer Vision S Bib 2	PW Bioinformatics Lab 10 PW ACV Lab 8	
Tuesday	PW Deep Learning Lab 8	DW IR S 19 DW ACV S 10		DW ACV S Bib 2 DW ANLP S Bib 4	DW ANLP S Bib 4 PW Deep Learning Lab 8
Wednesday	Deep Learning S Bib 2	PW RI Lab 9 DW Deep Learning S Bib 2	DW Deep Learning S Bib 2 PW RI Lab 5		
Thursday		Robotics S Bib 4			