University Transcript
Computer Science Department of Babeş-Bolyai University
Tudor Văran

No.	Year of study	Semester	Title	Grade	Credits
1	1	1	Algebra	9	6
2	1	1	Mathematical Analysis	8	6
3	1	1	Computer Science Architecture	8	6
4	1	1	Computational Logic	10	6
5	1	1	Fundamentals of Programming	10	6
6	1	2	Operating Systems	10	5
7	1	2	Object-Oriented Programming	10	6
8	1	2	Data Structures and Algorithms	10	4
9	1	2	Geometry	7	5
10	1	2	Dynamical Systems	9	5
11	1	2	Graph Algorithms	8	5
12	1	1 and 2	Physical Education(*)	Passed	0
13	2	3	Advanced Programming Methods	9	6
14	2	3	Databases	8	6
15	2	3	Logical and Functional Programming	9	6
16	2	3	Probabilities and statistics	10	6
17	2	3	Computer Networks	9	6
18	2	4	Software Engineering	7	6
19	2	4	Database Management Systems	8	6
20	2	4	Artificial Intelligence	10	6
21	2	4	Web programming	9	6
22	2	4	Systems for Design and Implementation	9	6
23	2	3 and 4	English	10	3+3
24	3	5	Formal Languages and Compiling Techniques	-	6
25	3	5	Group Project	-	2
26	3	5	Practice in Computer Science	-	4
27	3	5	Distributed and Parallel Programming	-	6
28	3	5	Mobile Applications	-	4
29	3	5	Cryptography with Public Key(**)	-	4
30	3	5	Virtual Reality(**)	-	4
31	3	6	Software Verification and Validation	-	5
32	3	6	Numerical analysis	-	5
33	3	6	Bachelor's Thesis Elaboration	-	2
34	3	6	Ethical and Legal Issues(**)	-	4
35	3	6	Introduction in Natural Language Processing(**)	-	7
36	3	6	Computer Games Development(**)(***)	-	7

(*) Mandatory for 1st year according to Romania's education laws
(**) Optional subject
(***) Taught exclusively in Romanian