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Courses at the SNSB
Informatics Department

Note: IMAR = Institute of Mathematics of the Romanian Academy, Bucharest

The preliminary cycle is followed by students in the third and forth university year, who pass an admission contest in order to became students of SNSB. It is complementary to university studies.
The master cycle is a master program equivalent to other universities master.

The courses held by professors from Romania had 52 hours in the period 2001-2005 and 32 hours beginning October 2005. The courses held by professors outside Romania were usually intensive and had 24 hours.

In order to pass the year, a student in the Preliminary Cycle had to pass:
-   3 exams at Preliminary Cycle or Master Courses between 2001-2004 and 2005-2007
-   2 exams at Preliminary Cycle or Master Courses between 2001-2004 and 2006-2007

In order to obtain the Master diploma, a student in the Master Cycle had to pass 2 exams at the Master Courses and to write a Master thesis.

University year 2002-2003	
The preliminary cycle	
Algebraic computing	**Prof.Dr. Virgil Cazanescu** (University of Bucharest)
Mathematical Foundations of Algebraic Specification I	**Dr. Razvan Diaconescu** (Senior researcher IMAR)
Algebra of (imperative) Programs	**Prof.Dr. Virgil Cazanescu** (University of Bucharest)
Mathematical Foundations of Algebraic Specification II	**Dr. Razvan Diaconescu** (Senior researcher IMAR)
University year 2003-2004	
The preliminary cycle	
Codes debugging and correcting errors	**Prof. Dr. Adrian Atanasiu** (University of Bucharest)
Mathematical Foundations of Algebraic Specification	**Dr. Razvan Diaconescu** (Senior researcher IMAR)
Logic Programming	**Dr. Razvan Diaconescu** (Senior researcher IMAR)
Algebra of (imperative) Programs	**Prof.Dr. Virgil Cazanescu** (University of Bucharest)
Heterogeneous Multi-Logic Specification	**Dr. Razvan Diaconescu** (Senior researcher IMAR)
University year 2004-2005	
The preliminary cycle	
Mathematical Foundations of Algebraic Specification	**Dr. Razvan Diaconescu** (Senior researcher IMAR)
Methodologies for Formal Specification and Verification of Software Systems	**Dr. Razvan Diaconescu** (Senior researcher IMAR)
The master's cycle	
Research problems in algebraic specification I	**Dr. Razvan Diaconescu** (Senior researcher IMAR)
Research problems in algebraic specification II	**Dr. Razvan Diaconescu** (Senior researcher IMAR)
University year 2005-2006	
The preliminary cycle	
Mathematical Foundations of Algebraic Specification	**Dr. Razvan Diaconescu** (Senior researcher IMAR)
The master's cycle	
Model Theory for Specification and Programming	**Dr. Razvan Diaconescu** (Senior researcher IMAR)
Common courses for the preliminary and the master's cycle	
Abstract Rewriting	**Prof. Dr. Marc Aiguier** (University of Evry)
Logical Foundations for Automated Reasoning	**Prof. Dr. Alexander Lyaletski** (National University of Kiev)
University year 2006-2007	
The preliminary cycle	
Mathematical Foundations of Algebraic Specification	**Dr. Razvan Diaconescu** (Senior researcher IMAR)
Methodologies for Formal Specification and Verification of Software Systems	**Dr. Razvan Diaconescu** (Senior researcher IMAR)
Logic and Automata	**Dr. Radu Iosif** (VERIMAG Grenoble)