

PROGRAMME PROFILE

Educational Programme	Didactic Mathematics
Degree Awarded	Master
Standard Length of Studies (Number of ECTS Credits)	2 years – 4 semesters – 120 ECTS
Type of Study	Full-time
Higher Education Institution	Babeş-Bolyai University Cluj-Napoca, Romania
Faculty / Department	Faculty of Mathematics and Computer Science
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Website	
Profile of the Degree Programme	Didactic mathematics degree program
Target Group / Addressees	Graduates in Mathematics, Informatics, Economics, Electrical/Electronic Engineering, Physics
Entrance Conditions	The overall three-year (or more) undergraduate average grade is taken into consideration as selection criterion
Further Education Possibilities	The master's program aims at providing students with the appropriate tools for further doctoral studies and professional activity.
Description of Study	Teaching modern mathematics and carrying out various training programmes and methods; drawing up and assessing methods and textbooks for primary and lower secondary education; planning and evaluation of teaching/learning processes, as well as in research methods applied to modern mathematics <i>Core courses:</i> Computer aided Training, Psychopedagogy for Adolescents, Young People and Adults, Designing and Management of Educational Programs, Teaching and Field Development in Specialty Teaching, Research Methodology, Special Topics in Algebra, Special Topics in Geometry, Special Topics in Mathematical Analysis, Special Topics in Numerical Analysis and Statistics, Special Topics in Informatics, Special Topics in Applied Mathematics, Special Topics in Mecanics and Astronomy
Purposes of the Programme	This Master Programme has the purpose of broadening the horizon of knowledge and raising the level of competence in Mathematics and its Teaching.
Specialization / Area of Expertise	Teacher of Mathematics (different levels), researcher in Mathematics,
Extra Peculiarities	Statistics, Mechanics, Astronomy, Informatics
Practical Training	In the 2 nd year (4 th semester) of the program the students participate to work in schools
Final Examinations	Research thesis
Gained Abilities and Skills	The master students are supported in developing skills of investigation, aiming to increase their concern for

	documentation and research work. The bilateral transfer of information and ideas between teachers and master students are encouraged
Job Placement, Potential Field of Professional Activity	After graduating from the master they are increasing their employment opportunities, to teach to different levels: secondary schools, high schools, post high school and university; also they can work in banks or in the field of statistics.

Date:

Signature: