

Learning Outcomes of the Mathematics program

[LO1]	General education: Able to summarise and to utilize general knowledge on politics - economics - society - natural sciences - learning skills - foreign languages - health
[LO2]	General professional education: Achieved required competency in multivariable calculus, linear algebra, introductory algebraic structures, basic analysis on metric and normed spaces, solving concrete differential equations and mathematical models, introductory mathematical softwares, and introductory computer programming
[LO3]	Foundational professional education: Achieved required competency in at least one of the following Concentrations: Mathematics, Computer Science, Quantitative Finance, Mathematical Education, through required courses of the concentration
[LO4]	Professional education: Achieved in-depth knowledge through required and optional courses of at least one Specialization of the Concentration. Qualified students are allowed to take a seminar course and to compose a graduation thesis.
[LO5]	Broad and auxiliary education: complete a mandatory number of courses outside of the Specialization and a minimum number of credits
[LO6]	Computer skills: Able to utilize to communicate, to search, to access information and study resources, able to compose mathematical texts in accordance with professional practice, command at least one programming language
[LO7]	Professional communication skills: experienced project writings and presentations
[LO8]	Foreign language skill: achieved university's required competency in English language, able to utilize professional documentation in English, some students experienced professional classes studied in English
[LO9]	Soft skills: acquired skill, habit, and inner resource for self-study, social communication, group work. Participated in professional and extra-curricular activities.
[LO10]	Way of thinking: developed rigorous, precise, reflective thinking; independent and creative mind; social consciousness; realization of roles of mathematics and computer science in life; figuring one own place in society