Master of Science in Mathematics

The program is the result of collaboration of mathematics, computer science, and physics faculty and is designed to address the global need for people with advanced mathematical, analytical, and computational skills. Students are provided with a strong background in mathematics and its applications as well as skills necessary to conduct independent research. The program incorporates interdisciplinary applications such as bioinformatics, actuarial sciences, cryptography, security, image recognition, artificial intelligence, mathematics education, and the philosophy of mathematics. Students’ specializations depend on the electives chosen and on the final thesis/project conducted under the supervision of an advisor/mentor. An individual study plan can be designed to meet entry requirements for Ph.D. programs in mathematics or the mathematical sciences.