MSc Mathematics

Programme outcomes

1. Have the skills needed to pursue careers in education, business, and/or industry.
2. Be prepared for continued study of mathematics or statistics at the post graduate level and more.
3. Experience Mathematics outside of regular course work.
4. Communicate Mathematics effectively
5. Demonstrate a computational ability in solving a wide array of mathematical problem
6. Differentiate between valid and invalid mathematical reasoning
7. Develop mathematical ideas from basic axioms.
8. Utilize Mathematics to solve theoretical and applied problems.
9. Identify applications of Mathematics in other disciplines and in society.

Programme specific outcomes

1. Knowledge of advanced models and methods of mathematics, including some from the research frontier of the field, and expert knowledge of a well-defined field of study, based on the highest international level of research in mathematics.
2. Specific skills in independently comprehending, analyzing, modeling, and solving given problems at a high level of abstraction based on logical and structured reasoning.
3. Ability to use computer calculations as a tool to carry out scientific investigations and develop new variants of the acquired methods, if required by the problem at hand.
4. Knowledge and understanding is assessed by a combination of examinations, coursework assignments and presentations.