



College of Science / Department of Mathematics & Statistics

Graduate Attributes for Master Program of Mathematics

List of Attributes and Associated Descriptions

	Attributes	Descriptions
1	Deep discipline knowledge and intellectual breadth	Master Graduates in Mathematics have comprehensive knowledge and understanding in branches of pure and applied mathematics, able to engage with different traditions of thought, and able to apply their knowledge in practice including in multi-disciplinary or multi-professional contexts.
2	Creative and critical thinking, and problem solving	Master Graduates in Mathematics are effective problems-solvers using appropriate mathematical concepts and tools, able to apply critical, creative and evidence-based thinking to conceive innovative responses to future challenges.
3	Teamwork and communication skills	Master Graduates in Mathematics convey ideas and information effectively to a range of audiences for a variety of purposes and contribute in a positive and collaborative manner to achieving common goals.
4	Intercultural and ethical competency	Master Graduates in Mathematics are responsible and effective global citizens whose personal values and practices are consistent with their roles as responsible members of society.
5	Digital capabilities	Master Graduates in Mathematics are well prepared for living, learning and working in a digital society.