

Mathematics, Applied Mathematics and Data Science Program Learning Outcomes:

1. Graduates will be able to demonstrate facility with analytical and algebraic concepts.
2. Graduates will be able to write proofs.
3. Graduates will be able to apply their mathematical knowledge and critical thinking to solve problems.
4. Graduates will be able to use technology to solve problems.
5. Graduates will be able to speak about their work with precision, clarity and organization.
6. Graduates will be able to write about their work with precision, clarity and organization.
7. Graduates will be able to identify, locate, evaluate, and effectively and responsibly use and cite information for the task at hand.
8. Graduates will collaborate effectively in teams.
9. Graduates will be able to understand and create arguments supported by quantitative evidence.
10. Graduates will understand the professional, ethical and social issues and responsibilities with the implementation and use of technology.