

# Applied and Computational Mathematics, Scientific Computing Emphasis, BS

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## **BS Applied and Computational Mathematics Program Learning Outcomes**

At the successful conclusion of this program, students will be able to:

1. Integrate mathematical techniques in solving computational problems.
2. Design mathematical models to solve real-world problems.
3. Communicate in mathematical language through the use of accurate notation and terminology.
4. Formulate and analyze mathematical concepts using technology as appropriate.
5. Author effective communication in a variety of formats for a range of audiences.