

# CANCER BIOLOGY, MS

## LEARNING OUTCOMES

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1. Articulates research problems, potentials, and limits with respect to their research and how it relates to the field of cancer biology.
2. Formulates novel ideas, concepts/hypotheses, designs experiments to test the hypotheses, and shows proficiency in the necessary techniques to carry out their dissertation research.
3. Creates and carries out scholarly research that asks a novel and important biological question and makes a substantive contribution to the field of cancer research.
4. Demonstrates the breadth of their knowledge through thoughtful and creative design of their research and their ability to answer questions from varied audiences.
5. Advances contributions in cancer biology to society through publication, presentations at national and international meetings, and various outreach activities.
6. Communicates complex ideas in a clear and understandable manner both in their oral and written presentations.
7. Fosters ethical and professional conduct in all aspects related to their development as a scientist.