



THE UNIVERSITY OF WINNIPEG

FACULTY OF SCIENCE

# MEDICAL PHYSICS

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Clinical Medical and Health Physics is an exciting and expanding field that applies our fundamental knowledge of physics for the prevention of disease; radiotherapy physicist who helps design/construct radiotherapy treatment equipment for the use of heat and lasers in cancer treatment. Most graduates go on to medical schools or continue their medical physics training in graduate schools across Canada.

## SAMPLE COURSES

Human Anatomy and Physiology: This course deals with the biological study of the human organism; microscopic and gross anatomy; cellular and general physiology, and human genetics.

Foundations of Physics : This calculus-