

FACULTY OF SCIENCE

## **COMPUTATIONAL PHYSICS**

From the transistor to the internet to the quantum computer, physicists have always pl io.65htleading role in the development of new at UWinnipeg combines computer science, physics, artificial intelligence, data science, and applied

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Mathematical Physics I and II provide you with all the mathematical tools you need to succeed in your upper-level physics courses. They also provide the mathematical basis for understanding many computer algorithms and numerical methods.

Physical Computing : Interacting With the Real World introduces computing systems that interact with the physical world via software and hardware development. Students are introduced to software development