

January
to April
Winter 2023

Introduction to Agent-Based Modeling

an Online Course

ABM

Instructors
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> Join from Universities across Canada
as part of the "SMART Healthy Cities" training program: <https://smart-training.ca/program/>

Meetings Platform: Microsoft Teams
Tuesdays (Online Seminar) 1:30 PM - 2:50 PM EST
& Thursdays LAB1 10:30-11:30 am, LAB2 1:30 pm-2:30 pm

For more information, please contact
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Description

“Introduction to ABM” is an online training course offered by the University of Waterloo via the *SMART Healthy Cities* program. This course helps students to learn about Agent-Based Modeling (ABM), which is a computational simulation framework that explores how natural and social phenomena emerge from micro-level components.

Learning Objectives

Participants will ...

- Learn about complex systems.
- Explore and expand existing models using a simple programming platform - Netlogo.
- Develop their own model and experiment with it.
- Interact and discuss with international scholars, and a group of interdisciplinary graduate/undergraduate students from different universities across Canada.