HLTH 5903 Current Topics in Interdisciplinary Health Sciences

Course description

This is an interactive graduate seminar course covering breakthroughs and emerging technologies in health sciences. Students will explore how these advances are applied in various health contexts, examine their influence on human, social, and economic capital, and develop science communication and knowledge mobilisation skills.

Topics covered

Topics change from year to year but may include emerging issues and current topics in areas such as molecular biotechnologies, immunology and regenerative medicine, assistive health technologies, environmental and global health, reproductive and social health, and artificial intelligence in medicine.

Learning objectives

Students will identify and critically appraise emerging breakthroughs and technologies in biomedical and health sciences, and examine their influence on human, social, and economic capital across diverse populations and contexts. They will develop and communicate evidence-informed policy recommendations tailored to real-world health issues. Students will also build skills in knowledge mobilisation, science communication, evidence-based discussion, critical inquiry, and teamwork.

Assessments

Students are evaluated through a combination of individual and collaborative deliverables: presentations and associated written deliverables, including a policy brief (~55%), knowledge mobilisation outputs (~25%), and critical discussion and participation (~20%). Specific assessments and weightings may vary by year.

Other useful information

Classes are a mix of instructor-led lectures, interactive sessions, and student presentations and discussions. There are no costs associated with this course.