2 YEARS

www.dawsoncollege.qc.ca/society-and-technology

If you would like to:

☐ **Explore the social sciences in an exciting new way**

☐ **Discover the social impact of technology through hands-on projects**

☐ **Look toward the future and better understand the rapid changes in our world**

☐ **Develop scientific and technological literacy essential for success in a wide range of careers**

☐ **Study how technology is disrupting culture, society and policy**

☐ **Connect with the Artificial Intelligence community at Dawson and in Montreal**

☐ **Encounter the Montreal high-tech ecosystem and developers**

☐ **Learn to apply the scientific method and how to collect and analyze data**

Then the Society and Technology Profile could be for you.

This profile studies the impact of technology and science on our social norms, public policy and culture. Rapidly advancing technology continues to influence the evolution of society. Many technologies, such as Artificial Intelligence (AI), promise to enhance individual and social well-being while also portending massive social consequences. Understanding the issues, and how best to safely, justly and humanely take advantage of progress, is of the utmost importance. In this brand new unique and future-looking profile of the Social Science Program, students will explore contemporary cultural, social and policy issues related to technology through a wide range of social science disciplines. This profile option provides a great amount of flexibility. Students may take courses in up to various disciplines as well as a mathematics or biology course.

> **Understanding the issues in our society caused by rapidly evolving technology is an important task for social scientists today and in the future. Students in this new profile will be well equipped for many careers where understanding the social impact of science and technology is in great demand.**

— Brian Redekopp, Society and Technology Profile Coordinator

What will you learn?

- To identify the challenges and opportunities technology poses to society, including to health, the environment, the economy, arts and culture, the media and politics
- To be scientifically and technologically literate, an essential skill for personal empowerment and professional success
- To increase one's own autonomy and well-being in relation to technology
- To understand how science is related to social forces
- To understand the positive and negative potentials of technology for social justice
- To explain social phenomena and human behaviour using theories, perspectives, and approaches specific to the disciplines of social science
- To integrate methodologies, perspectives, and approaches of inclusion, equity, diversity, decolonization, and anti-oppression when analyzing social phenomena and human behaviour
- To conduct an interdisciplinary, individual research project
- To explain how differences in social identities and world views could influence opinions, beliefs, values, and social interactions
- To integrate an understanding of the root causes of environmental crises to take actions both locally and globally
- To communicate work effectively in English, both orally and in writing, using appropriate vocabulary, form, and style
- *À communiquer en français sur un objet d'étude en utilisant le vocabulaire, la forme et le style appropriés*

Where will this program lead you?

Graduates may pursue university studies in a wide array of fields: Urban Planning, Sociology, Data Science, Geography, Arts, Commerce, Communication Studies, Marketing, Political Science, Philosophy, Education and more.

Like all Social Science profiles, Society and Technology leads to a DEC in Social Science, which qualifies you for most university programs in the social sciences or humanities. Following university, graduates may pursue careers in a wide range of fields for which understanding the social impact of science and technology is increasingly in demand. These include advocacy and public policy for health, the environment, consumer protection and data ethics; journalism and communications; education; law; urban planning; user design; international development; business, finance, and market research; museum management; and library and information science.

What do you need to apply?

- A Diploma of Secondary Studies (DES) or academic background judged equivalent to the DES
- Secondary IV Mathematics: Cultural, Social & Technical option 563-404/414

What else should you know?

- Great option for students who are not yet sure about their future studies or career path
- Taking advantage of Montreal's status as a tech industry hub, the profile offers students real-world exposure to the intersection of technology and social issues through field trips to local tech companies and technology conferences.
- Students can enjoy a vibrant profile community and extracurricular life through the profile's FutureVisions series, which features engaging talks, films and discussions on the promise and peril of technology for the world of tomorrow.
- Society and Technology students can choose courses leading to a certificate in SPACE (Sciences Participating in Arts and Culture in Education), a student enrichment initiative connecting the arts, sciences, and social sciences.
- Other certificates available to profile students include Environment and Sustainability, Decolonization and Indigenization Studies, Peace Studies and Women's and Gender Studies.
- Students have many choices as they progress in the program
- You do not need to know how to use technology or be a programmer or coder
- You can take one math or biology course, which may be required as prerequisites for commerce and other programs at university, as part of your program
- You may take further math courses outside of the program through Dawson's Continuing Education

Application Deadline
March 1

LIST OF CONCENTRATION COURSES
All students must also take General Education courses such as English, French, Humanities and Physical Education

YEAR 1

Term 1
- Introduction to Social Science Research
- Introduction to Psychology
- Introduction to Global History
- Introduction to Political Science

Term 2
- Quantitative Analysis
- Introduction to Economics
- Choice of Introduction to Geography OR Introduction to Philosophy
- History of Science and Technology

YEAR 2

Term 3
- Qualitative Methods
- Thematic Issues
- Choice of Introduction to Anthropology OR Introduction to Religious Studies
- Choice of Technology and Environment OR Human and Machine (based on Term 2 Intro choice)

Term 4
- Integrative Seminar
- Choice (1) of optional Introductory Social Science discipline OR U prerequisite
- Choice of Material Culture in a Digital Age OR Tech Gods (based on Term 3 Intro choice)
- Choice of Data Story Telling OR The Economics of Public Policy*

* These courses cannot be taken by students who choose to take Calculus I: Differential Calculus for Social Sciences in Term 4.

Dawson COLLEGE

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