



MSc in Health: Science, Technology and Policy (Full Time Only)

Distinctive features of our MSc program in Health: Science, Technology and Policy (HSTP) include an emphasis on skill acquisition, using problem-based approaches to understand health issues and sectors, and participation in collaborative interdisciplinary research projects. The program design is facilitated by the cohort model, which allows for collaboration between students from various academic backgrounds to improve their understanding of complex problems in the broad field of health, and provides opportunities for students to enhance their learning experience by working together. The professional relationships formed by students in each cohort, as well as the opportunities to meet and work with experts across health sectors and disciplines, will provide additional value to students as they prepare for their professional careers.

The 6-credit HSTP MSc program is completed over 20 consecutive months while enrolled full time. Students complete 5 credits of coursework. The Interdisciplinary Health Research Project comprises the remaining 1-credit. This research project is comparable to a graduate-level thesis requiring a comparable level of investment in time and effort. A critical focus of this program is to train students to work in interdisciplinary teams. Therefore, research will be completed in collaboration with external partners including, but not limited to, government, corporate, or community health institutions.

The 7 core courses required by the HSTP MSc program are designed to provide students with:

- a foundation in research methods, statistics and policy, as well as a fundamental understanding of the biological and social determinants of health
- an understanding of the broadly interdisciplinary nature of the research-policy interface in the health sector,
- an understanding of new health technologies,
- leadership, communication and knowledge translation skills,
- practical experience working in interdisciplinary teams within, and external to, the university.

Critical assessment of research and policy information, integrating information from diverse sources, and effectively communicating with disciplinary experts are focal points of the core courses of the HSTP program.



The MSc program requirements include required and elective courses:

- **Required courses (3.5 credits):**
 - 0.5 credit in HLTH 5100 Fundamentals of Research Methods
 - 0.5 credit in HLTH 5150 Statistics for Health Sciences
 - 0.5 credit in HLTH 5201 Fundamentals of Policy I: Policy Analysis
 - 0.5 credit in HLTH 5300 Knowledge Translation
 - 0.5 credit in HLTH 5350 New Health Technologies
 - 0.5 credit in HLTH 5401 Interdisciplinary Problems in Health
 - 0.5 credit in HLTH 5402 Biological and Social Fundamentals of Health
- **Required Research Project (1.0 credits):**
 - 1 credit in HLTH 5504 *or* HLTH 5505 (when available) Interdisciplinary Health Research Project
- **Elective courses (1.5 credits) from either of the following:**
 - Selected topics courses focusing on areas of specific relevance to the health sector: Principles of Epidemiology; Fundamentals of Policy II: The Health Sector; Social and Behavioural Health; Environmental Health; Science of Disease; Engineering, Design and Computer Science in Health; and Directed Studies in HSTP.
 - Health-related courses offered by other academic departments. In order to take a graduate course offered by another department the student would be expected to have previously completed any required pre-requisite courses (e.g. in their undergraduate program).

The course sequence for the MSc program is as follows:

Year 1	Fall term	HLTH 5100, HLTH 5150, HLTH 5350, HLTH 5504 <i>or</i> HLTH 5505
	Winter term	HLTH 5201, HLTH 5300, HLTH 5402 HLTH 5504 <i>or</i> HLTH 5505
	Summer term	Recommended to take elective courses HLTH 5504 <i>or</i> HLTH 5505
Year 2	Fall term	HLTH 5401 HLTH 5504 <i>or</i> HLTH 5505 Any remaining electives
	Winter term	HLTH 5504 <i>or</i> HLTH 5505 Any remaining elective courses



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MSc admissions requirements

All applications are done electronically through the Carleton360 online portal - https://360.carleton.ca/urd/sits.urd/run/siw_lgn

Applicants to the MSc program will hold an Honours undergraduate degree or equivalent professional degree. Candidates must hold a minimum B+ (9.0 GPA), over the last 2 years/20 one-term university level courses, to be considered by the admissions committee. However, due to the competitive nature of the program, most successful candidates hold an A- average (10.0 GPA). At least one university-level course in statistics is also required for admission.

In addition to recent transcripts, up-to-date CV, and 2 letters of reference, applicants must include these two important documents:

- **Statement of Intent** - Your Statement of Intent will consist of two (2) parts.
 - 1 – A 750-word “Statement of Intent” indicating how you envision the program will further your career goals. It will be used to assess the program’s ability to meet those goals
 - 2 – A 1000 word “Statement of Experience” detailing your specific skills in research design, analysis, and writing; your ability to work collaboratively in interdisciplinary teams; and your previous experience that will ensure your success in this interdisciplinary program
- **Health Research Projects Preference Form** - All applicants for the MSc in Health: Science, Technology and Policy must include a ranking of their top 3 choices of proposed Interdisciplinary Health Research Projects. You must also include a brief statement (max 250 words each for these 3 ranked projects) to explain the qualifications and experience that you have achieved and you feel will contribute toward the project (e.g. courses taken, especially graduate-level statistics where relevant; evidence of background expertise through undergraduate specialization and/or work-related experience). At the beginning of your brief statement, also be sure to indicate the project title and supervisor’s name. The current list of proposed projects can be found here - <https://carleton.ca/healthsciences/healthsciences/graduate/msc-in-health-sciences/admissions-msc-in-health-sciences/msc-in-hstp-proposed-research-projects/>



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The Graduate Program Committee will provide the terms of reference (conditions of admission) for the program for each student. This may include identifying any courses the student will be required to take to overcome deficit(s) and defining whether these courses will be part of the degree (electives) or extra to the degree. Given the broad range of disciplinary backgrounds that students applying to the program are expected to represent, these decisions will be made on a case-by-case basis.

Students whose first language is not English, or who have not completed a previous degree at an English speaking university, must demonstrate an adequate command of English. Please refer to section 3.6 of the general regulations in the Graduate Calendar.

More information can be found in the **Graduate Calendar**:

<http://calendar.carleton.ca/grad/gradprograms/healthsciencetechnologyandpolicy/>



Diplomas in Health: Science, Technology and Policy

Graduate Diploma for professional development (for individuals working or intending to work in the health sector) (DIP-HSTPL - Type 3)

This diploma is for individuals currently employed, or with the goal of employment in the health sector, who are *not* currently registered in another Carleton graduate program.

The program structure is:

- **Required courses** (0.5 credits):
 - 0.5 credit in HLTH 5300 Knowledge Translation

- **Elective courses** (1.5 credits):
 - Courses offered by the Department of Health Sciences, such as: HLTH 5100 – Fundamentals of Research Methods; HLTH 5150 – Statistics for Health Sciences; HLTH 5151 – Fundamentals of Epidemiology; HLTH 5201 – Fundamentals of Policy I: Policy Analysis; HLTH 5202 – Fundamentals of Policy II: The Health Sector.
 - Or health-related courses offered by other programs, such as PSYC 5209 – Psychology of Health and Illness; SOCI 5209 – Sociology of Science and Technology; CHEM 5708 – Principles of Toxicology; BIOL 5515 – Bioinformatics; PADM 5221 – Health Policy in Canada; PADM 5229 – The Health of Populations.

The only required course is HLTH 5300: Knowledge Mobilization. The remaining 1.5 credits are to be selected primarily from the list of 0.5 credit courses of the HSTP program. This will provide a common student experience in essential skills of knowledge mobilization and translation through HLTH 5300, while ensuring that the program of study can be tailored to meet the career goals of each student.

Please note, we do not offer courses on the weekends or online.

More information can be found in the **Graduate Calendar**:

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Graduate Diploma in Health: Science, Technology and Policy (for current Carleton University MSc or PhD students)

(DHSTP-60HL – Type 2)

This diploma has been designed to offer students registered in various graduate programs at Carleton the opportunity to take relevant health courses that complement their primary degree, and provides an additional credential. Students will supplement their disciplinary expertise with a fundamental understanding of qualitative and quantitative research methods, policy, and knowledge mobilization, particularly as they apply to the health sector.

The program structure is:

- **Required courses** (1.5 credits):
 - 0.5 credit in HLTH 5100 Fundamentals of Research Methods
 - 0.5 credit in HLTH 5201 Fundamentals of Policy I: Policy Analysis
 - 0.5 credit in HLTH 5300 Knowledge Translation

- **Elective courses** (1.5 credits):
 - Courses offered by the Department of Health Sciences, such as: HLTH 5100 – Fundamentals of Research Methods; HLTH 5150 – Statistics for Health Sciences; HLTH 5151 – Fundamentals of Epidemiology; HLTH 5201 – Fundamentals of Policy I: Policy Analysis; HLTH 5202 – Fundamentals of Policy II: The Health Sector.
 - Or health-related courses offered by other programs, such as PSYC 5209 – Psychology of Health and Illness; SOCI 5209 – Sociology of Science and Technology; CHEM 5708 – Principles of Toxicology; BIOL 5515 – Bioinformatics; PADM 5221 – Health Policy in Canada; PADM 5229 – The Health of Populations.

Please note, we do not offer courses on the weekends or online.

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Other notes about Diploma program requirements

Each of the aforementioned Diploma programs comprises 2.0 credits. The composition of the required and elective courses varies by specialisation. The Diplomas are designed to be completed in one year. However, as it is understood that most students in the Diploma programs will either be working or full-time students in another graduate program, students may take the program on either a part-time or full-time basis. Please note, we do not offer courses on weekends or online.

Diploma admission requirements

All applications are done electronically through the Carleton360 online portal - https://360.carleton.ca/urd/sits.urd/run/siw_lgn

Applicants must have a bachelor's degree (or equivalent). Candidates must hold a B- average overall (7.0 GPA), as determined by the Faculty of Graduate and Postdoctoral Affairs, to be considered by the admissions committee. However, due to the competitive nature of the program, most successful candidates hold an A- average (10.0 GPA). A university level course in statistics is also required for admission.

Students whose first language is not English, or who have not completed a previous degree at an English speaking university, must demonstrate an adequate command of English. Please refer to section 3.6 of the general regulations in the Graduate Calendar.

Note: students in the Diploma programs are not eligible to receive university funding through the HSTP program.