



McGill

Faculty of
**Medicine and
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Faculté de
**médecine et des
sciences de la santé**

Gerald Bronfman Department of Oncology, McGill University

www.mcgill.ca/oncology



Founded in Montreal, Quebec, in 1821, McGill University is a world-renowned institution of higher learning with research activities spanning two campuses, 11 faculties, 13 professional schools, 300 programs of study and over 40,000 students, including more than 10,000 graduate students. McGill attracts students from over 150 countries around the world, its 13,000 international students representing about one-third of the student body. Over half of McGill students claim a first language other than English, including approximately 20% who say French is their mother tongue.

McGill is Canada's top ranked medical doctoral university and is consistently ranked as one of the world's top universities.

Canadian in spirit, yet decidedly French at heart, Montreal boasts a cosmopolitan flair that is internationally renowned. Montreal is well known for its quality of life and safe streets, its friendly atmosphere, its gourmet restaurants, and sidewalk cafés.

What McGill students have to say about Montreal: <https://www.youtube.com/watch?v=Jr4GyBOhWrl>

Graduate Diploma in Oncology

www.mcgill.ca/oncology/education-training/graduate-diploma-oncology

OVERVIEW OF PROGRAM

If you are interested in obtaining a broad knowledge of the multidisciplinary field of cancer care and cancer research, this is the program for you. The Graduate Diploma in Oncology provides students the opportunity to gain exposure to the principles and practice of oncology as well as its research domains while exploring in more detail one of four **areas of focus**:

- (i) Population and Global Cancer Control
- (ii) Psychosocial Oncology/Palliative Care
- (iii) Clinical Cancer Research
- (iv) Cancer Care Services and Quality

Fundamentals of Oncology and Cancer Research

Cancer research and clinical care is multidisciplinary and research findings inform clinical practice and policymaking in cancer control. This is illustrated in our program's core course, *Fundamentals of Oncology and Cancer Research (ONCO 610)*. This course provides a multidisciplinary approach to the entire spectrum of principles and practice in all fields of oncology, as well as to its research domains, from basic science to clinical and population health sciences. Content areas include mechanisms of carcinogenesis, tumour pathology, cancer epidemiology, prevention, screening, diagnosis, treatment, psychosocial support, palliative care, global cancer control, and quality of cancer care services.

PROGRAM DETAILS

The program involves 30 credits of course work as follows:

Required Courses (12 credits)

ONCO 610 D1/D2 Fundamentals of Oncology and Cancer Research (6 credits)

ONCO 620 Best Practices in Biomedical Research (3 credits)

ONCO 630 Oncology Practicum (3 credits)

Research Design or Statistics Course (3 credits)

Choice of one of the following:

EPIB 507 Biostats for Health Sciences (3 credits)

EPIB 521 Regression Analysis for Health Sciences (3 credits)

EXMD 634 Quantitative Research Methods (3 credits)

DENT 505/FMED 505 Epidemiology and Data Analysis in Primary Care (3 credits)

OR another 3-credit research design or statistics course at the 500 level or higher

Students will choose one of four 6-credit course groupings which will define the area of focus for the Oncology Practicum:

Population and Global Cancer Control EPIB 671 Cancer Epidemiology and Prevention (3 credits) PPHS 612 Principles of Public Health Practice (3 credits)	Psychosocial Oncology/Palliative Care ONCO 635 Qualitative and Psychosocial Health Research (3 credits) NUR2 783 Psychosocial Oncology Research (3 credits)
Clinical Cancer Research ONCO 615 Principles and Practice of Clinical Trials (3 credits) EXMD 617 Workshop in Clinical Trials 1 (1 credit) EXMD 618 Workshop in Clinical Trials 2 (1 credit) EXMD 619 Workshop in Clinical Trials 3 (1 credit)	Cancer Care Services and Quality ONCO 625 Quality Improvement Principles and Methods (3 credits) PPHS 528 Economic Evaluation of Health Programs (3 credits)

3 Credits from:

EPIB 671 Cancer Epidemiology and Prevention (3 credits) EXMD 614 Environmental Carcinogenesis (3 credits) EXMD 620 Clinical Trials and Research 1 (1 credit) EXMD 625 Clinical Trials and Research 2 (1 credit) EXMD 626 Clinical Trials and Research 3 (1 credit) EXMD 640 Experimental Medicine Topic 1 (3 credits) EXSU 505 Trends in Precision Oncology (3 credits) HGEN 690 Inherited Cancer Syndromes (3 credits) POTH 637 Cancer Rehabilitation (3 credits)	ONCO 611 Proteomics for Precision Medicine (3 credits) ONCO 615 Principles and Practice of Clinical Trials (3 credits) ONCO 625 Quality Improvement Principles and Methods (3 credits) ONCO 635 Qualitative and Psychosocial Health Research (3 credits) ONCO 645 Seminars in Global Oncology (3 credits) PPHS 528 Economic Evaluation of Health Programs (3 credits) PSYC 507 Emotions, Stress and Illness (3 credits) SWRK 668 Living with Illness, Loss and Bereavement (3 credits) FMED 619 Program Management in Global Health & Primary Health Care (3 credits)
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Elective Courses (6 credits)

Can be chosen from the list above or can be other courses offered by the university. The courses do not necessarily have to include cancer-related content but must have relevance to the field.

WHO CAN APPLY

Applicants for the Graduate Diploma in Oncology are expected to have a minimum of a Bachelor's degree in fields related to biomedical science, healthcare administration/management, kinesiology, medicine, nursing, physical and occupational therapy, psychology, public health, or social work with a minimum cumulative GPA of 3.3/4.0 on the McGill scale. It is highly recommended that applicants will have taken at least one course in cell and molecular biology or equivalent and one statistics course.

DURATION OF PROGRAM

The program is designed so that full time students will complete it in 1 year while part-time students will complete it within 2.5 years.

WHAT IF YOU WANT TO EARN A MASTER'S DEGREE?

The Gerald Bronfman Department of Oncology has partnered with the Division of Experimental Surgery to provide students the opportunity to use the Graduate Diploma in Oncology as a springboard for a master's non-thesis degree in Experimental Surgery. www.mcgill.ca/experimentalsurgery/programs/master-programs/msc-non-thesis-experimental-surgery-oncology

LEARN MORE BY CONTACTING

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