POPULATION AND GLOBAL HEALTH

About the School of Population and Global Health

The School of Population and Global Health is composed of the following three departments: Department of Equity, Ethics and Policy, Department of Epidemiology, Biostatistics and Occupational Health, and Department of Global and Public Health.

Academic Units within the School of Population and Global Health

Equity, Ethics and Policy Department

Bioethics Program

Bioethics programs are located in the Department of Equity, Ethics, and Policy. The new Department, established in 2023, aims to support scholarly research, teaching, and public outreach Members of the Department have backgrounds in law, sociology, molecular genetics, history, philosophy, public health, epidemiology, economics, and psychology. We offer a master's degree specialization in bioethics for selected master's students in the Division of Experimental Medicine, Department of Human Genetics, Department of Philosophy, School of Religious Studies, and Faculty of Law.

Master's Specialization in Bioethics

The Master's Specialization in Bioethics is sponsored by the:

- Faculty of Medicine and Health Sciences, Division of Experimental Medicine, Department of Human Genetics;
- Faculty of Law; and
- Faculty of Arts, Department of Philosophy, School of Religious Studies.

Students receive an **M.A., LL.M.,** or **M.Sc.** degree in the discipline chosen with a specialization in Bioethics.

Some applicants are mid-career professionals currently working as physicians, nurses, social workers, other health care providers, or lawyers. Other applicants have recently completed their undergraduate degrees in science, philosophy, law, religious studies, or other disciplines, and wish to pursue specialized master's level training in bioethics before enrolling in doctoral level studies or entering the workplace.

Students pursuing the master's degree specialization normally take two semesters of courses before beginning their master's thesis. Courses offered include Bioethics Theory, Public Health Ethics and Policy, Research Ethics, and a Practicum that includes placement in a clinical or research setting. Research and writing the thesis normally takes one year. Students must also comply with the course and thesis requirements of their home disciplines.

Bioethics Admission Requirements and Application Procedures

Admission Requirements

M.D. degree, professional training in a health science, or bachelor's degree in the sciences, social sciences, law, philosophy, or religious studies. Other students may be considered on an individual basis.

Enrolment is limited to 12 students.

Application Procedures

McGill's online application form for graduate program candidates is available at mcgill.ca/gradapplicants/apply.

See University Regulations and Resources > *Graduate* > *Graduate Admissions and Application Procedures* > Application Procedures for detailed application procedures.

Applications for the Master's Specialization in Bioethics are made initially through the Faculties of Law, Medicine, and Health Sciences (Division of Experimental Medicine, Department of Human Genetics, Department of Family Medicine), and Arts (Department of Philosophy, School of Religious Studies).

Applicants must satisfy the admission criteria for their chosen discipline and those of the Bioethics Unit, which administers the program and teaches the core courses; see mcgill.ca/equity-ethics-policy/education/masters-specialization-bioethics.

Applicants must be accepted by the appropriate faculty, the Bioethics Graduate Studies Advisory Committee, and Graduate and Postdoctoral Studies.

Application Dates and Deadlines

Deadlines coincide with those of the chosen base discipline. Applicants must verify all deadlines and documentation requirements well in advance on the appropriate McGill departmental website; please consult the list at mcgill.ca/gps/contact/graduate-program.

Note: Applications for Winter or Summer term admission will not be considered.

Epidemiology, Biostatistics and Occupational Health Department

Epidemiology (p. 2), Biostatistics (p. 3), and Public Health (p. 4) Programs

The Department offers a variety of graduate programs designed to equip students with the knowledge and skills necessary to excel in the fields of Epidemiology, Biostatistics, and Public Health. Our comprehensive programs include **master's and doctoral** degrees in both Epidemiology and Biostatistics, as well as a **Master of Science** in Public Health.

The methods learned in these fields are used not only in the study of diseases, but also in clinical research; health services research; public health; program planning and evaluation; as well as policy development. Our faculty members are at the forefront of their research domains and include epidemiologists, biostatisticians, clinician scientists, medical informatics specialists, public health specialists, health economists, medical sociologists, and health geographers.

Research areas in the Department spans a broad range of areas, including:

- biostatistics;
- clinical and public health informatics;
- environmental and occupational health;
- health care delivery and organization;
- infectious diseases;
- pharmacoepidemiology;
- population and public health;

- social epidemiology;
- epidemiologic methods;
- chronic diseases;
- reproductive and perinatal epidemiology;
- genetic epidemiology;
- global health;
- causal inference; and
- many cross-disciplinary activities.

Faculty members may have funding available for students through their research grants. We provide rich research environments at five university-affiliated hospitals, public health agencies, and university research centres. Graduates pursue careers in academia, clinical settings, government agencies, NGOs, and industry.

Epidemiology

The Department offers master's and doctoral degrees in Epidemiology. The methods learned in these fields are used not only in the study of diseases, but also in clinical research; health services research; public health; program planning and evaluation; as well as policy development. Our faculty members are at the forefront of their research domains and include epidemiologists, biostatisticians, clinician scientists, medical informatics specialists, public health specialists, health economists, medical sociologists, and health geographers. Research in the Department spans a broad range of areas, including:

- clinical and public health informatics;
- environmental and occupational health;
- health care delivery and organization;
- infectious diseases;
- pharmacoepidemiology;
- population and public health;
- social epidemiology;
- epidemiologic methods;
- chronic diseases;
- reproductive and perinatal epidemiology;
- genetic epidemiology;
- global health;
- causal inference; and
- many cross-disciplinary activities.

Faculty members may have funding available for students through their research grants. We provide rich research environments at five university-affiliated hospitals, public health agencies, and university research centres. Graduates pursue careers in academia, clinical settings, government agencies, NGOs, and industry.

Master of Science (M.Sc.) Epidemiology (Thesis) (45 credits)

Applicants to the M.Sc. program should preferably hold a bachelor's degree in the natural sciences (e.g., chemistry, microbiology, human genetics), quantitative sciences (e.g., computer science, statistics), or social sciences (e.g., sociology, psychology, economics, geography), or hold a degree in one of the health professional sciences (e.g., medicine, nursing, social work, nutrition). Applicants must have an interest in health research, along with strong conceptual, analytic, and quantitative skills (e.g., differential and integral calculus, statistics) at the undergraduate level.

The program leading to a master's degree is designed to provide training in both theory and practice in the selected discipline. Courses require intellectual and academic rigour, and the program provides students with an opportunity to synthesize the training in the form of a thesis. Students will study the foundations and principles of epidemiology and applied biostatistics, in order to design, conduct, and analyze clinical, population-based, environmental, pharmaco-epidemiological, policy, and methodological health-related research. Graduates of the program often go on to do doctoral work or become research associates in public, private, and academic settings. McGill graduates are known for methodological and quantitative rigour, and quantitative analytic independence. While their core training is in methods, rather than specific substantive areas, students learn about substantive areas in the context of their research and through elective courses.

Master of Science (M.Sc.) Epidemiology (Non-Thesis): Environmental & Occupational Health (48 credits)

This program provides in-depth training in methods used in Environmental and Occupational Health (EOH) and the application of these methods to study the effects of environmental and occupational exposures on human health. Students will be provided with tools to critically evaluate studies in EOH and be able to participate in these studies; learn how to apply specific methods to environmental and occupational problems; and understand how to apply research results to public health or policy. Career opportunities exist in academia, industry, and the public health sectors. Each student will be assigned a supervisor to provide guidance for their project. Research topics must relate to environmental and occupational health and receive approval from the program coordinating committee.

Master of Science (M.Sc.) Epidemiology (Non-Thesis): Pharmacoepidemiology (48 credits)

Applicants to the Pharmacoepidemiology Option of the M.Sc. (Non-Thesis) program should hold a bachelor's degree in the natural or quantitative sciences (e.g., chemistry, microbiology, computer science, statistics, economics) or hold a degree in one of the health professional sciences (e.g., medicine, pharmacy). Applicants must have an interest in the epidemiology of medications, along with strong conceptual, analytic, and quantitative skills (e.g., differential and integral calculus, statistics) at the undergraduate level. The Pharmacoepidemiology Option is designed to provide training in both theory and practice of pharmacoepidemiology. Students will study the foundations and principles of epidemiology and applied biostatistics in order to design, conduct, and analyze pharmacoepidemiological research. Courses require intellectual and academic rigour, and the program provides students with an opportunity to obtain specialized training in pharmacoepidemiology, including pharmacoepidemiologic methods, pharmacology for pharmacoepidemiologists, and practical experience in the form of a research project. Graduates of the program often go on to do doctoral work or become research associates in public, private, and academic settings. McGill has a world-renowned reputation for excellence in pharmacoepidemiology, and McGill-trained pharmacoepidemiologists are known for methodological and quantitative rigour, and quantitative analytic independence.

Doctor of Philosophy (Ph.D.) Epidemiology

This program may be of interest to students from the natural or quantitative sciences (e.g., microbiology, computer science, statistics, economics, geography), quantitative social sciences (e.g., sociology, psychology), or the health professions (e.g., medicine, nursing, social work, nutrition). Applicants must have an interest in health research, along with strong conceptual, analytic, and quantitative skills (e.g.,

differential and integral calculus, statistics) at the undergraduate and master's levels.

The Ph.D. program prepares students with the advanced epidemiological research skills needed to undertake original contributions to new knowledge related to the determinants of health and disease, prevention, prognosis, treatment, and outcomes. The program is generally completed in four to five years. Graduates will be prepared to engage in scientific collaboration, and communicate results to other scientists and diverse audiences. They will go on to careers in public health, health planning, and quality monitoring in local, regional, federal, and international health authorities, statistical and technology assessment agencies, the pharmaceutical industry, and in clinical and academic research organizations. McGill graduates are known for their methodological and quantitative rigour and quantitative analytic independence. While their core training is in methods, rather than specific substantive areas, students learn about substantive areas in the context of their research and through elective courses.

Doctor of Philosophy (Ph.D.) Epidemiology: Global Health

Students admitted to the Ph.D. degree in Epidemiology who have an interest in global health can receive additional recognition for completing the Global Health Option within their degree program. Students can fulfill the requirements for both the Ph.D. and the Global Health Option within the normal Ph.D. timeline. Over and above the core Ph.D. training, students in the Global Health Option will undertake global health-dedicated coursework and their thesis will be of relevance to global health. This additional global health training will provide students with insight into the major global health challenges of today's world. This area of study, research, and practice prioritizes improving health and achieving equity in health for all people worldwide. McGill and its affiliated hospitals have close to 200 researchers involved in global health work, from basic biomedical research on tropical diseases to large-scale population studies on the social determinants of health. Students at McGill can be exposed to the work of 20 teams working in all major areas of global health, including Infectious and Tropical Diseases; Global Environmental Health; and Global Mental Health, among others. For more information, visit the Global Health Programs site. With this additional Global Health qualification, Ph.D. graduates will benefit from opportunities for future training or work in those institutions or organizations that are active in global health.

Doctor of Philosophy (Ph.D.) Epidemiology: Pharmacoepidemiology

The Pharmacoepidemiology Option of the Ph.D. Program may be of interest to students from the natural or quantitative sciences (e.g., microbiology, computer science, biostatistics, statistics, economics), Public or Population Health, or Epidemiology, or who hold a degree in one of the health professional sciences (e.g., medicine, pharmacy). Applicants must have an interest in the epidemiology of medications, along with strong conceptual, analytic, and quantitative skills (e.g., differential and integral calculus, statistics) at the undergraduate level. The Pharmacoepidemiology Option prepares students with the advanced epidemiological research skills needed to undertake original contributions to new knowledge related to pharmacoepidemiology. The program is generally completed in four to five years. In addition to obtaining advanced training in the foundations and principles of epidemiology and applied biostatistics as part of the Ph.D. program, students in the Pharmacoepidemiology Option receive specialized training in pharmacoepidemiology, including advanced pharmacoepidemiologic methods, pharmacology for pharmacoepidemiologists, and practical experience in pharmacoepidemiology through their doctoral thesis. Graduates will be prepared to engage in scientific collaboration, and communicate results to other scientists and diverse audiences. They will go on to careers in pharmacoepidemiology in public, private, and academic settings. With a world-renowned reputation for excellence in pharmacoepidemiology, McGill-trained pharmacoepidemiologists are known for methodological and quantitative rigour, and quantitative analytic independence.

Doctor of Philosophy (Ph.D.) Epidemiology: Population Dynamics

The Population Dynamics Option (PDO) is a cross-disciplinary, cross-faculty graduate program offered by the Centre on Population Dynamics (CPD) as an option within existing master's and doctoral programs in the Departments of Sociology, Economics, and Epidemiology, Biostatistics and Occupational Health (EBOH) at McGill University. Students who have been admitted through their home department or faculty may apply for admission to the option. The option is coordinated by the CPD, in partnership with participating academic units.

Thus, in addition to the rigorous training provided in the Department of EBOH, graduate students who choose this option become Centre on Population Dynamics (CPD) student trainees. This affiliation offers opportunities for interdisciplinary research and supervision. The option also provides a forum whereby students bring their disciplinary perspectives together and enrich each other's learning through structured courses, a weekly seminar series, and informal discussions and networking.

With interdisciplinary research being increasingly important to understanding complex social and biological processes, CPD student trainees benefit from both a strong disciplinary foundation from their departmental affiliations, as well as from the sharing of knowledge across disciplinary boundaries through CPD activities.

Biostatistics

Biostatistics involves the development and application of statistical methods to scientific research in areas such as medicine, epidemiology, public health, occupational and environmental health, genetics, and ecology. Biostatisticians play key roles in designing studies—from helping to formulate the questions that can be answered by data collection to the decisions on how best to collect the data—and in analyzing the resulting data. Our biostatistics faculty work in close collaboration with epidemiologists, clinicians, public health specialists, basic scientists, and other health researchers. They also develop new statistical methods for such data. Students will take courses, and may conduct research on topics such as:

- generalized linear models;
- longitudinal data;
- mathematical statistics;
- causal inference;
- statistical methods for epidemiology; and
- survival analysis.

The Department of Epidemiology, Biostatistics, and Occupational Health has one of the largest concentrations of Ph.D.-level statisticians in health sciences in any Canadian university. Faculty members may have funding available for students through their research grants. We provide rich research environments at five university-affiliated hospitals, public health agencies, and university research centres.

Graduates pursue careers in academia, clinical settings, government agencies, NGOs, and industry.

Master of Science (M.Sc.) Biostatistics (Thesis) (45 credits)

M.Sc. Thesis students study a foundational set of courses, and write a thesis on a topic of their choice. Thesis students should have a strong interest in research. These students are well-placed to either continue in a Ph.D. program or to work in academic research in statistics or medicine; they will also have relevant qualifications for the pharmaceutical industry and government.

Master of Science (M.Sc.) Biostatistics (Non-Thesis) (48 credits)

The M.Sc. Non-Thesis program is designed to expose students to a wide range of topics including statistical methods for epidemiology, generalized linear models, survival analysis, longitudinal data, and clinical trials. Skills in data analysis, statistical consulting, communication, and report writing are emphasized, and students graduate ready to work in the pharmaceutical and biotechnology industries, in government, or in academic medical research.

Doctor of Philosophy (Ph.D.) Biostatistics

Applicants should hold a master's degree in statistics or biostatistics. Previous coursework in calculus, linear algebra, real analysis, and mathematical statistics is essential. Exposure to data analysis is an asset. Ph.D. students typically work on development of statistical methods, and can specialize in statistical methods for epidemiology, generalized linear models, Bayesian methods, survival analysis, longitudinal data, causal inference, or other topics. Skills in data analysis, statistical consulting, and report writing are emphasized. Ph.D. graduates typically work as faculty in universities, in research institutes, in government, or in the pharmaceutical industry.

Biostatistics Admission Requirements and Application Procedures

Admission Requirements

An undergraduate degree in mathematics or statistics or its equivalent (an honours degree is preferred, but not required). At least three semesters of calculus; two of linear algebra; at least one—but preferably two—semesters of real analysis; and a full-year course/sequence in mathematical statistics, preferably at an honours level, e.g.,MATH 356 Honours Probability./MATH 357 Honours Statistics. Exposure to data analysis is an asset.

M.Sc.

Students admitted into the M.Sc. program will, in general, meet the requirements above. Transfer to the Ph.D. program is possible after the first year, please see the academic information policy page.

Ph.D.

Students with the above qualifications, in addition to an M.Sc. degree in Statistics or Biostatistics, will be considered for Ph.D. admission. Exceptional candidates who do not hold an M.Sc. may apply to directly the Ph.D. program. Students applying directly from an undergraduate degree are also encouraged to apply to the M.Sc. program where, as noted above, transfer is possible after the first year. Students who are not accepted into the Ph.D. program will only be considered for the M.Sc. program if they have applied to both programs.

Complete details on the Biostatistics programs are available on our departmental website.

Language Requirement

The minimum TOEFL score required, when applicable, is 100 on the Internet-based test. The minimum score for IELTS is 6.5.

Application Procedures

All application material and supporting documents must be uploaded directly to the McGill admissions processing system by the application deadline. Refer to the Applying and Admissions site for information and instructions.

McGill's online application form for graduate program candidates is available on the Applying and Admissions site.

See Application Procedures for detailed application procedures.

Completed applications, with all supporting documents, must be uploaded directly to the McGill graduate admissions system by the application deadlines.

Please see our website at mcgill.ca/epi-biostat-occh/academic-programs/grad/biostatistics/applying for information on required application documents.

Application Dates and Deadlines

Application opening dates are set by Enrolment Services in consultation with Graduate and Postdoctoral Studies (GPS), while application deadlines are set by the Department of Epidemiology, Biostatistics, and Occupational Health and may be revised at any time. Applicants must verify all deadlines and documentation requirements well in advance on the appropriate McGill departmental website; please consult the list at mcgill.ca/epi-biostat-occh/education/grad.

Please check the general application deadlines for Graduate Studies, and make sure that your program does not have an alternate deadline.

Admission to graduate studies is competitive; late or incomplete applications will not be considered.

Public Health

The Department offers a Master of Science in Public Health. Students apply the methods they learn to the study of diseases; clinical research; health services research; public health; program planning and evaluation; as well as policy development. Our faculty members are at the forefront of research in epidemiology, biostatistics, clinical medicine, biomedical informatics, public health, health economics, medical sociology, and health geography.

Faculty members in the Department draw on extensive contacts in the public health community locally, nationally, and internationally to facilitate practicum placements in many areas, including:

- urban public health practice;
- clinical and public health informatics;
- environmental and occupational health;
- health care delivery and organization;
- infectious diseases;
- maternal and child health;
- aboriginal health; and
- global health.

Graduates are highly sought after for careers in government agencies, NGOs, clinical settings, research, and industry.

Master of Science (M.Sc.) Public Health (Non-Thesis) (60 credits)

The mission of the Master of Science in Public Health is to train outstanding public health professionals and future leaders by offering a rigorous academic program in methods, research, and practice. This program may be of interest for students from the natural or quantitative sciences (e.g., microbiology, computer science, statistics, economics, geography), social sciences (e.g., sociology, psychology, anthropology), or the health professions (e.g., medicine, nursing, social work, physical and occupational therapy, nutrition). Through a core series of courses, a wide range of electives, and a practicum, students will acquire knowledge and skills in all the core competencies of public health, including public health sciences; assessment and analysis; policy and program planning, implementation, and evaluation. Graduates of the program will serve as public health practitioners or research professionals and will possess the competencies and professionalism to carry out broad public health functions in local, provincial, national, and international settings. In exceptional circumstances, the Admissions Committee may take professional experience into account for mid-career or returning/re-entry applicants.

The Master of Science in Public Health program includes a 14–16 week field-based practicum after the first year, which will provide the student with the opportunity to use knowledge and skills acquired in the academic program in a public health practice or research setting.

Epidemiology and Public Health Admission Requirements and Application Procedures
Admission Requirements
Master's in Epidemiology

- Applicants to the M.Sc. in Epidemiology programs must hold a bachelor's degree in a related area.
- The M.Sc. Epidemiology programs require substantial quantitative skills. The Admission Committees for these programs will look for proof of quantitative proficiency such as good grades in undergraduate-level courses in differential or integral calculus, or in statistics. Although the GRE is not required, GRE results with a strong score (160+) in the Quantitative score may strengthen your application.
- Cumulative Grade Point Average (CGPA): 3.0/4.0 overall or at least 3.2/4.0 over the last two years of study, based on GPA calculations done by the University. Most of our successful applicants have grade point averages well above these minimum requirements.
- Proof of competency in oral and written English (if applicable).

NOTE: Satisfaction of general requirements does not guarantee admission. Admission to graduate studies is limited and acceptance is on a very competitive basis.

Master's in Public Health

McGill M.Sc.P.H. students come from a variety of academic backgrounds including the basic sciences, health sciences, engineering as well as social sciences, such as sociology and economics. We particularly welcome applicants who are returning to academia after spending time in the work force. Successful applicants will have a demonstrated capacity in analytic and quantitative methods, but life and work experience are also an important aspect of the applicant profile.

- Applicants to the Master's in Public Health programs must hold a bachelor's degree in a related area: basic sciences, health sciences, engineering, social sciences (such as sociology, economics, political science), and the health professions.
- Substantial quantitative skills: The admissions committee will look for proof of quantitative proficiency, grades B+ or above in at least two undergraduate-level courses in differential or integral calculus, or in other university level mathematics or statistics courses. For more information: McGill M.Sc.P.H. - Quantitative training requirements.
- A cumulative Grade Point Average (CGPA) of 3.0/4.0, or minimum 3.2/4.0 over the last two years of study: GPA calculations are done by the university. Please do not submit external transcript evaluations.
- Proof of competency in oral and written English (if applicable).
- OPTIONAL: For international health professionals, and other applicants without significant quantitative training on their transcript, GRE results with a strong result (80th percentile) in the Quantitative score, may strengthen your application.

NOTE: Meeting the general requirements does not guarantee admission. As the M.Sc.P.H. is a non-thesis program, applicants do not need to identify a supervisor before applying. While the language of instruction is English, some practicum placement sites in Quebec require a working knowledge of French. The language for placement sites outside of Quebec is generally English.

Ph.D. in Epidemiology

- Applicants to the Ph.D. program must hold a Master's degree in Epidemiology, Public Health, or related discipline. Applicants who hold a Master's degree or professional degree in another area can sometimes be considered. Applicants who are admitted to the Ph.D. Epidemiology program without an M.Sc. in Epidemiology (or equivalent) are expected to ensure that they have sufficient substantive preparation for the Ph.D. level courses. Applicants with insufficient preparation may also consider applying to the M.Sc. Epidemiology program, where there is the opportunity to apply to fast-track into the Ph.D. program at the end of the first year.
- The Epidemiology Ph.D. program requires substantial quantitative skills. The Admission Committee will look for proof of quantitative proficiency, including good grades in undergraduate-level courses in differential or integral calculus, statistics, and strong results in master's-level quantitative courses. Although the GRE is not required, GRE results with a strong score (160+) in the Quantitative score may strengthen your application.
- Cumulative Grade Point Average (CGPA): 3.0/4.0 overall or at least 3.2/4.0 over the last two years of study, based on GPA calculations done by the University. Most of our successful applicants have grade point averages well above these minimum requirements.
- Proof of competency in oral and written English (if applicable).

NOTES:

- Our department does not require applicants to identify a supervisor before applying. However, applicants who have secured a supervisor may be given preference in the admissions process. We strongly recommend contacting potential supervisors in the department who share your research interests as early as possible to discuss the possibility of supervision and the potential for funding. Please note that the agreement of a faculty member to supervise you does not guarantee admission to the program. A list of faculty members and research interests is available on the departmental website.

- Satisfaction of general requirements does not guarantee admission. Admission to graduate studies is limited and acceptance is very competitive.
- At the request of the Admissions Committee, some applicants to the Ph.D. Epidemiology program may be contacted for an on-line interview.

Complete details on the Epidemiology programs are available on our Departmental website. Information on the Master's of Public Health program is available here.

Language Requirement
Minimum TOEFL scores required, when applicable, of 100 on the Internet-based test. Minimum score for IELTS: 6.5.

Application Procedures
All application material and supporting documents must be uploaded directly to the McGill admissions processing system by the application deadline. Refer to the Applying and Admissions site for information and instructions.

Please see our website for information on required documents.

Additional Requirements
Please consult our Overview of Graduate Programs site for more information on our requirements.

Application Dates and Deadlines
Application opening dates are set by Enrolment Services in consultation with Graduate and Postdoctoral Studies (GPS), while application deadlines are set by the Department of Epidemiology, Biostatistics, and Occupational Health and may be revised at any time. Applicants must verify all deadlines and documentation requirements well in advance on the appropriate McGill departmental website; please consult the list at mcgill.ca/epi-biostat-occh/education/grad.

Please check the general application deadlines for Graduate Studies, and make sure that your program does not have an alternate deadline.

Admission to graduate studies is competitive; accordingly, late or incomplete applications will not be considered.

Occupational Health
This program is currently not accepting new applicants.

The Department offers two graduate degree programs: a **Master's** (M.Sc.A.) and **Doctorate** (Ph.D.) in Occupational Health sciences. The master's program is available on campus or in distance education format. Special Student status is encouraged for students who wish to take only specific courses from our M.Sc. program, but there is a maximum of 12 credits overall, with a maximum of 6 credits per semester, for those with Special Student status.

Note: We are not accepting applications for the Occupational Health M.Sc.A. (Distance and Resident) or Ph.D. programs until further notice.

Master of Science, Applied (M.Sc.A.) Occupational Health (Non-Thesis) (Resident) (46 credits)
A three-term program leading to the degree of Master of Science (Applied) (M.Sc.A.) in Occupational Health Sciences, appropriate for graduates from engineering and basic sciences, physicians, and nurses. Occupational health training allows candidates to evaluate work environments and reduce or eliminate work hazards using prevention and control.

Master of Science, Applied (M.Sc.A.) Occupational Health (Non-Thesis) (Distance) (45 credits)
A three-and-a-half-year program completed mostly over the Internet.

Doctor of Philosophy (Ph.D.) Occupational Health
The objective of this program is to train independent researchers in the field of work environment and health.

Occupational Health Admission Requirements and Application Procedures
Admission Requirements
- Applicants to the M.Sc. Applied (On-Campus) program must hold a Bachelor's degree in a discipline relevant to Occupational Health, such as: chemistry, engineering, environmental sciences, physics, medicine, nursing, or other health science programs.
- Cumulative Grade Point Average (CGPA): 3.0/4.0 overall, or at least 3.2/4.0 over the last two years of study.
- Proof of competency in oral and written English (if applicable).

NOTE: Satisfaction of general requirements does not guarantee admission. Admission to graduate studies is limited and acceptance is on a very competitive basis.

Distance Education
Note: We are not accepting applications for the Occupational Health Distance program until further notice.

Ph.D. Program
Note: We are not accepting applications for the Occupational Health Ph.D. program until further notice.

Language Requirement
Minimum TOEFL scores required, when applicable, of 86 on the Internet-based test. Minimum score for IELTS: 6.5.

Application Procedures
All application material and supporting documents must be uploaded directly to the McGill admissions processing system. See the Applying and Admissions site for information and instructions.

Applications are considered for the Fall term only. Applications for the Winter/Summer term admission will not be considered, see mcgill.ca/epi-biostat-occh/education/grad/occh/admission-application-0 for further information on required documents and application procedures.

Application Dates and Deadlines
Application opening dates are set by Enrolment Services in consultation with Graduate and Postdoctoral Studies (GPS), while application deadlines are set by the Department of Epidemiology, Biostatistics, and Occupational Health and may be revised at any time. Applicants must verify all deadlines and documentation requirements well in advance on the appropriate McGill departmental website; please consult the list at mcgill.ca/epi-biostat-occh/education/grad/occh.

Please check the general application deadlines for Graduate Studies, and make sure that your program does not have an alternate deadline.

Admission to graduate studies is competitive; accordingly, late or incomplete applications will not be considered.

Note: Applications for Winter/Summer term admission will not be considered, with the exception of admission as Special Students in the Winter term.

Global and Public Health Department

As one of three departments in the School of Population and Global Health, the Department of Global and Public Health aims to address health inequities and advance public health—locally, nationally, and globally—through action-oriented research, interdisciplinary training, allyship, and equitable partnerships.

The Department aims to foster solution-focused leadership, learning and knowledge generation around priority public health problems. Central to this approach is equitable partnerships. Our research and education will draw upon diverse expertise from across McGill University, within and beyond the boundaries of the Faculty of Medicine and Health Sciences, and our external partners:

- Our faculty members will be engaging in practice- and problem-based projects with particular attention to systems of innovation and the broad range of skills required to solve complex public health challenges and polycrisis.
- Our students will learn by engaging with real-world health problems in partnership with stakeholders using hands-on experiential learning and community-based, participatory approaches.

For further information, visit the Department's website.

Available Programs

- Biostatistics (Non-Thesis) (M.Sc.) (48 credits)
- Biostatistics (Ph.D.)
- Biostatistics (Thesis) (M.Sc.) (45 credits)
- Epidemiology (Non-Thesis): Environmental & Occupational Health (M.Sc.) (48 credits)
- Epidemiology (Non-Thesis): Pharmacoepidemiology (M.Sc.) (48 credits)
- Epidemiology (Ph.D.)
- Epidemiology (Thesis) (M.Sc.) (45 credits)
- Epidemiology: Global Health (Ph.D.)
- Epidemiology: Pharmacoepidemiology (Ph.D.)
- Epidemiology: Population Dynamics (Ph.D.)
- Occupational Health (Non-Thesis) (Distance) (M.Sc.A.) (45 credits)
- Occupational Health (Non-Thesis) (Resident) (M.Sc.A.) (46 credits)
- Occupational Health (Ph.D.)
- Public Health (Non-Thesis) (M.Sc.) (60 credits)

School of Population and Global Health

2001 McGill College Avenue, Suite 1200
Montreal QC H3A 1G1
Telephone: 514-398-5776
Email: spgh.med@mcgill.ca
Website: mcgill.ca/spgh

Department of Equity, Ethics and Policy

2001 McGill College Ave, 12th floor
Montreal QC H3A 1G1
Telephone: 514-398-1236
Website: mcgill.ca/equity-ethics-policy

For information, contact the Graduate Program Director Jennifer Fishman at jennifer.fishman@mcgill.ca.

Department of Epidemiology, Biostatistics and Occupational Health

2001 McGill College Avenue, Suite 1200
Montreal QC H3A 1G1
Telephone: 514-398-6258
Email: graduate.eboh@mcgill.ca
Website: mcgill.ca/epi-biostat-occh