

2019 — 2020 CALENDAR



FACULTY OF GRADUATE STUDIES

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ACCOUNTING

MASTER OF ACCOUNTING

The Graduate Program in Accounting is a professional master's degree program designed to develop students' academic and intellectual abilities in all fields of professional accountancy.

The 12-month, **45-credit** program is accredited by the Chartered Professional Accountants of Ontario. Successful graduates will have acquired in-depth knowledge in all of the subdisciplines that constitute the broad field of accounting and will have also deepened their expertise in two chosen areas. They may proceed to write the Common Final Examination immediately following graduation from the program.

The program places heavy emphasis on developing students' critical thinking abilities and their capacity to operate in decision environments characterized by high degrees of ambiguity through applied case analysis. Cases also help to develop students' appreciation of multiple viewpoints and perspectives. This program is designed to provide a strong foundation for initial career placement (also through an optional internship in Term 3) and long-term career growth.

Admission to the Master of Accounting is open to graduates from business programs. Non-business graduates are encouraged to apply for the Graduate Diploma in Intermediate Accounting.

Please visit <http://schulich.yorku.ca> for more information.

ADMISSION REQUIREMENTS

- ❖ Applicants with a non-Canadian or non-business degree must first complete the Diploma in Intermediate Accounting (DIAC), which is an eight-month graduate diploma to bring internationally educated and non-business students up to speed on accounting principles and tax practices for the MAcc.
- ❖ Applicants with CPA accredited business degrees from Canadian institutions, Schulich i/BBA students/graduates with non-accounting specializations, registered CPA students who have completed Core 1 of the PEP and ACCA students/affiliates who have completed Fundamentals may be eligible for admission to Term 1 of the MAcc.
- ❖ All applicants should possess an undergraduate degree from a recognized university with a minimum B average in the last two full years (or equivalent) of academic work. Candidates are also required to have completed prerequisite courses at the undergraduate level.
- ❖ Schulich i/BBA students/graduates with an accounting specialization, applicants with an accounting specialization from CPA accredited business programs, registered CPA students who have completed Core 2 of the PEP and ACCA members may be eligible for admission to Term 2 of the MAcc.
- ❖ All applicants should possess an undergraduate degree from a recognized university with a minimum B average in the last two full years (or equivalent) of academic work. Candidates are also required to have completed prerequisite courses at the undergraduate level. Schulich i/BBA students should also have a minimum B (6.0) average in all CPA courses.
- ❖ Post-graduate work experience is recommended but not required.
- ❖ Applicants are required to submit essays, résumé, references, and take the Graduate Management Admission Test (GMAT) or the Graduate Record Examination (GRE) with acceptable scores on

all measures thereof. These requirements will be waived if the applicant graduated from Schulich within the last five years.

- ❖ Proof of English language proficiency if prior studies were not completed in English: Test of English as a Foreign Language (iBT): 100 with minimum component scores of 23 or International English Language Testing System: 7.0 overall with minimum component scores of 6.5.

DEGREE REQUIREMENTS

Students must successfully complete:

- ❖ **45 credits of coursework**, consisting of:
- ❖ **33 credits of core courses**, and,
- ❖ **12 credits of electives** from two out of four options.

All other requirements are identical to those of Schulich's other master's programs

GRADUATE DIPLOMA IN ADVANCED ACCOUNTING

The Graduate Diploma in Advanced Accounting will be awarded to students who, after being admitted to the Master of Accounting, elect to leave the program upon successful completion of Term 2 of the degree program.

The Graduate Diploma in Advanced Accounting develops students' academic and intellectual abilities in the core competency areas that constitute the field of accountancy. Students deepen their expertise through the selection of electives in at least two areas of professional practice. The program is academically rigorous, involving **30 credit-hours** over two terms.

The emphasis given to case-based instruction in the program's accounting, audit and tax courses as well as an overall commitment to developing students' proficiency in case analysis ensures that students graduate with highly developed critical thinking skills and are well prepared for real world situations characterized by imperfect information, ambiguity and complexity. After completing the program graduates will have acquired in-depth learning of all of the field's competency areas and expertise in two fields of professional practice.

Completion of the graduate diploma satisfies the Chartered Professional Accountants' requirements for its core and elective modules. Graduates may proceed to complete their professional certification with the CPA.

Candidates must apply to the Graduate Program in Accounting to enter the Graduate Diploma in Advanced Accounting.

Please visit <http://schulich.yorku.ca> for more information.

GRADUATE DIPLOMA IN INTERMEDIATE ACCOUNTING

The Graduate Diploma in Intermediate Accounting develops students' academic and intellectual abilities in the core competency areas that constitute the field of accountancy. This includes courses that are fundamental to accounting as well as basic and intermediate courses in accounting. The program is suitable for graduates of non-business programs and graduates of business programs not accredited by

the CPA Ontario. The curriculum is academically rigorous and comprises **30 credits** over two terms.

After completing the program, graduates will have acquired in-depth learning of all of the field's competency areas and expertise in basic and intermediate accounting, covering the Core 1 and Core 2 of the CPA qualification path. Graduates may proceed to complete their education necessary for professional certification through pursuing Schulich's Master of Accounting (advanced standing will be provided to successful graduates) or enter the CPA's professional certification stream.

Please visit <http://schulich.yorku.ca> for more information.

ADMINISTRATION

DOCTOR OF PHILOSOPHY PROGRAM

The doctoral program in Administration at the Schulich School of Business, York University, offers outstanding students the opportunity to develop the theoretical and methodological skills that will enable them to conduct leading edge research in business. Graduates of the program have gone on to successful careers in universities, government and industry, in Canada and in other countries.

The doctorate is an individualized program of study which is composed of the four tightly-linked phases of study. Students first take a series of core courses to acquire in-depth knowledge of the field in which they choose to major. These core courses also help develop the skills and competencies necessary to conduct research. Second, candidates complete a comprehensive examination to test mastery of their major field. The third phase of the PhD program consists of the preparation of the formal research proposal, which must be defended. Then students go on to conduct the research which will be reported in their dissertation, the culmination of the PhD degree.

ADMISSION REQUIREMENTS

Graduates with a relevant master's degree from a recognized university may be admitted as candidates. While master's degrees in business administration or in a subfield thereof are considered relevant, so too are master's in fields such as economics, mathematics, sociology, psychology, depending upon the individual's proposed major field of study. Exceptional graduates with a four-year honours undergraduate degree in business administration or a related field, from a recognized university, may be considered. These candidates may be required during the first academic session (12 months) to take courses to fill gaps in their knowledge of the business discipline corresponding to their major field of study.

All applicants to the PhD program must meet the general admission requirements of the Schulich School of Business, the Faculty of Graduate Studies, and the University Senate. These general requirements include a four-year honours undergraduate degree from a recognized University, or qualifications accepted as equivalent by the Senate Committee, and a basic understanding of calculus, linear algebra and analytic geometry at the university level. Applicants are also required to sit for the Graduate Management Admission Test (GMAT), or the Graduate Record Examination (GRE).

In addition, students who have not graduated from a university where the language of instruction is English are required to demonstrate competence in the English language. Usually such students take the Test of English as a Foreign Language or International English Language Testing System.

Further Information

Potential applicants may obtain further information about the program by enquiring at the Division of Student Services & International Relations, W262 Schulich School of Business, York University, 4700 Keele Street, Toronto, Ontario, M3J 1P3; (416) 736-5060; fax: (416) 650-8174; <http://www.schulich.yorku.ca>

DEGREE REQUIREMENTS

Candidates for the PhD degree must complete studies in one of the following major fields: accounting, organizational studies, finance,

marketing, operations management and information systems, and strategic management. They must also complete a series of methodological courses relevant to that major field.

Candidates for the PhD degree must fulfil the following minimum requirements:

1. Courses

Students must successfully complete the following course requirements:

- a) A core of courses designed to support necessary research skills training.
- b) **A minimum of four courses** in the major field.
- c) **A minimum of two electives** in topics related to the major field, approved by the PhD program coordinator in the candidate's major field of study.

These courses are normally chosen from those offered at the 7000-level at the Schulich School of Business. With permission, some may be chosen from those offered at the graduate level by other graduate programs or at other academic institutions.

2. Comprehensive Examinations

Each student must pass a comprehensive examination before proceeding to formal work on her or his dissertation. Comprehensive examinations are designed to demonstrate competence and knowledge in the field. The examination is set and administered by the program within the student's major field.

The program regards the comprehensive examination as a pivotal point for deciding whether students should be allowed to proceed with their studies or be encouraged to withdraw from the program.

3. Dissertation Proposal and Oral Defence

Candidates must prepare a written proposal to conduct original dissertation research carried out under the supervision of a supervisory committee, and must defend this to the satisfaction of the thesis supervisor and members of the supervisory committee.

4. Dissertation and Oral Examination

Candidates must prepare a dissertation based on original research carried out under the supervision of a supervisory committee and submit the results in appropriate dissertation form. After the formal submission of the dissertation, an oral examination is held. It is expected that all or part of the dissertation will be published following professional or scientific review.

ACCOUNTING FIELD

The Accounting field within the doctoral program in Administration at the Schulich School of Business, York University offers outstanding students the opportunity to develop the theoretical and methodological skills that will enable them to conduct leading edge research in business. Graduates of the program have gone on to successful careers in universities, government and industry, in Canada and in other countries.

The doctorate is an individualized program of study that is composed of four tightly linked components. Students take a series of core courses to acquire in-depth knowledge of the prior research, theories and methods used in Accounting. These core courses also help develop the skills and competencies necessary to conduct research. Students also complete comprehensive examinations to test mastery of their major field. The third component the PhD program consists of the preparation of the formal dissertation proposal, which must be orally defended. The fourth component is the dissertation itself, which must also be orally defended.

ADMISSION REQUIREMENTS

Graduates with a relevant master's degree from a recognized university may be admitted as candidates. While master's degrees in business administration or in a subfield thereof are considered relevant, so too are master's in fields such as economics, mathematics, sociology, psychology. Exceptional graduates with a four-year honours undergraduate degree in business administration or a related field, from a recognized university, may be considered. These candidates may be required during the first academic session (12 months) to take courses to fill gaps in their knowledge of the business discipline corresponding to their major field of study.

All applicants to the PhD program must meet the general admission requirements of the Schulich School of Business, the Faculty of Graduate Studies, and the University Senate. These general requirements include a four-year honours undergraduate degree from a recognized University, or qualifications accepted as equivalent by the Senate Committee, and a basic understanding of calculus, linear algebra and analytic geometry at the university level. Applicants are also required to sit for the Graduate Management Admission Test (GMAT), or the Graduate Record Examination (GRE).

In addition, students who have not graduated from a university where the language of instruction is English are required to demonstrate competence in the English language. Usually such students take the Test of English as a Foreign Language or International English Language Testing System.

DEGREE REQUIREMENTS

Candidates for the Accounting field PhD degree must fulfil the following minimum requirements:

1. Courses

Students must successfully complete the following course requirements:

Required Courses

Doctoral Course in Administrative Studies 7060 3.0:

Introduction to Applied Statistics

Doctoral Course in Administrative Studies 7100 3.0: Logics of Social Research

Doctoral Course in Administrative Studies 77250 3.0: Research Design

Doctoral Course in Administrative Studies 7400 3.0: Qualitative Research Methods

Accounting 7010 3.0: Overview of Accounting Research

Accounting 7020 3.0: Empirical Methods in Accounting Research

Accounting 7030 3.0: Judgment & Decision in Accounting Research

Accounting 7040 3.0: Advanced Topics in Accounting Research

Two Elective Courses

These two courses are selected with the assistance of the Accounting PhD program director and will be from disciplines that are foundational to Accounting such as Economics, Finance and Organizational studies.

Additional course requirements for students with limited relevant backgrounds:

Students who have no master's degree are normally required to take two additional graduate level courses to improve their methodological training; these courses could be, for example, in statistics, econometrics, and psychometrics.

Students who lack relevant background in accounting are required to take one or more of the following:

❖ **Accounting 6600 3.0: Auditing Standards & Applications**

❖ **Accounting 6200 3.0: Contemporary Issues in Accounting**

❖ **Accounting 6400 3.0: Strategic Management Accounting & Analysis**

❖ **Accounting 6450 3.0: Management Accounting & Control Systems**

❖ **Accounting 6700 3.0: Managerial Aspects of Taxation**

2. Comprehensive Examinations

Students undergo a comprehensive examination after successfully completing all coursework. This examination is designed to demonstrate knowledge of the accounting field, the chosen foundation field, and research methodologies. The comprehensive examination is set and administered by Accounting Area faculty members. It is normally administered within 24 months of entry into the PhD program. A second and final attempt at this examination is allowed (within six months of the first examination) if the student is unsuccessful in the first attempt.

The program regards the comprehensive examination as a pivotal point for deciding whether students should be allowed to proceed with their studies or be encouraged to withdraw from the program.

3. Dissertation Proposal and Oral Defence

Candidates must prepare a written proposal to conduct original dissertation research carried out under the supervision of a supervisory committee, and must defend this to the satisfaction of the thesis supervisor and members of the supervisory committee.

4. Dissertation and Oral Examination

Candidates must prepare a dissertation based on original research carried out under the supervision of a supervisory committee and submit the results in appropriate dissertation form. After the formal submission of the dissertation, an oral examination is held. It is expected that all or part of the dissertation will be published following professional or scientific review.

FINANCE FIELD

The Finance field within the doctoral program in Administration at the Schulich School of Business, York University, offers outstanding students the opportunity to develop the theoretical and methodological skills that will enable them to conduct leading edge research in business. Graduates of the program have gone on to successful careers in universities, government and industry, in Canada and in other countries.

The doctorate is an individualized program of study that is composed of four tightly linked components. Students take a series of core

courses to acquire in-depth knowledge of the prior research, theories and methods used in Finance. These core courses also help develop the skills and competencies necessary to conduct research. Students also complete comprehensive examinations to test mastery of their major field. The third component the PhD program consists of the preparation of the formal research proposal. The fourth components are the dissertation itself.

ADMISSION REQUIREMENTS

Graduates with a Master of Business Administration or a Master of Public Administration degree (equivalent to those awarded by York University) from a recognized university may be admitted as candidates.

Exceptional graduates with a master's degree in a related discipline from a recognized university, and graduates with a four-year honours undergraduate degree in business administration, or its equivalent, from a recognized university, may be considered.

These candidates are required during the first academic session (12 months) to follow a program of study designed to raise their qualifications to the equivalent of graduates of York University with MBA or MPA degrees. Normally this competence is established by taking master's degree courses in at least five of the subjects of Economics, Quantitative Analysis, Organizational Studies, Accounting, Finance, Marketing, and Management Policy.

All applicants to the PhD program must meet the general admission requirements of the Schulich School of Business, the Faculty of Graduate Studies, and the University Senate. These general requirements include a four-year honours undergraduate degree from a recognized University, or qualifications accepted as equivalent by the Senate Committee, and a basic understanding of calculus, linear algebra and analytic geometry at the university level. Applicants are also required to sit for the Graduate Management Admission Test (GMAT), or the Graduate Record Examination (GRE).

In addition, students who have not graduated from a university where the language of instruction is English are required to demonstrate competence in the English language. Usually such students take the Test of English as a Foreign Language or International English Language Testing System.

DEGREE REQUIREMENTS

Candidates for the Finance PhD degree must fulfil the following minimum requirements:

1. Courses

Students must successfully complete the following course requirements:

Required Courses

Finance 7100 3.0: PhD Seminar in Asset Pricing

Finance 7200 3.0: PhD Seminar in Corporate Finance

Finance 7300 3.0: PhD Topics in Finance

Economics 5100 3.0: Microeconomics Theory

Economics 6220 3.0: Advanced Econometric Theory I

Economics 6250 3.0: Advanced Econometric Theory

Economics 5110 3.0: Topics in Macroeconomic Theory

Economics 6100 3.0: Topics in Microeconomic Theory

Two Elective Courses

These two courses are selected with the assistance of the Finance PhD program director from among those offered in other fields

in Schulich or from other relevant postgraduate programs at York University.

Two Summer Research Papers

In the summer semester of first and second years students write a research paper under the supervision of a faculty member.

2. Comprehensive Examinations

The comprehensive field examination takes place in the summer of both first year and second year. Students must demonstrate clear and coherent writing ability, methodological mastery and a deep comprehension of the literature relevant to the topic. Their academic writing style should mimic what is expected by top journals in the field. Students receive a grade of pass or fail on their comprehensive exams. Those who fail have the opportunity to retake the exams once, within six months of the date of the first comprehensive exam. Those who fail to pass a second time are not allowed to continue in the PhD program.

The program regards the comprehensive examination as a pivotal point for deciding whether students should be allowed to proceed with their studies or be encouraged to withdraw from the program.

3. Dissertation Proposal and Oral Defence

Candidates must prepare a written proposal to conduct original dissertation research carried out under the supervision of a supervisory committee, and must defend this to the satisfaction of the thesis supervisor and members of the supervisory committee.

4. Dissertation and Oral Examination

Candidates must prepare a dissertation based on original research carried out under the supervision of a supervisory committee and submit the results in appropriate dissertation form. After the formal submission of the dissertation, an oral examination is held. It is expected that all or part of the dissertation will be published following professional or scientific review.

MARKETING FIELD

The Marketing field within the doctoral program in Administration at the Schulich School of Business, York University offers outstanding students the opportunity to develop the theoretical and methodological skills that will enable them to conduct leading edge research in business. Graduates of the program have gone on to successful careers in universities, government and industry, in Canada and in other countries.

The doctorate is an individualized program of study that is composed of four tightly linked components. Students take a series of core courses to acquire in-depth knowledge of the prior research, theories and methods used in Marketing. These core courses also help develop the skills and competencies necessary to conduct research. Students also complete comprehensive examinations to test mastery of their major field. The third component the PhD program consists of the preparation of the formal dissertation proposal, which must be orally defended. The fourth component is the dissertation itself, which must also be orally defended.

ADMISSION REQUIREMENTS

Graduates with a relevant master's degree from a recognized university may be admitted as candidates. While master's degrees in business administration or in a subfield thereof are considered relevant, so too are master's in fields such as economics, mathematics, sociology, psychology. Exceptional graduates with a four-year honours undergraduate degree in business administration

or a related field, from a recognized university, may be considered. These candidates may be required during the first academic session (12 months) to take courses to fill gaps in their knowledge of the business discipline corresponding to their major field of study.

All applicants to the PhD program must meet the general admission requirements of the Schulich School of Business, the Faculty of Graduate Studies, and the University Senate. These general requirements include a four-year honours undergraduate degree from a recognized University, or qualifications accepted as equivalent by the Senate Committee, and a basic understanding of calculus, linear algebra and analytic geometry at the university level. Applicants are also required to sit for the Graduate Management Admission Test (GMAT), or the Graduate Record Examination (GRE).

In addition, students who have not graduated from a university where the language of instruction is English are required to demonstrate competence in the English language. Usually such students take the Test of English as a Foreign Language or International English Language Testing System.

DEGREE REQUIREMENTS

Candidates for the Marketing field PhD degree must fulfil the following minimum requirements:

1. Courses

Students must successfully complete the following course requirements:

Required Courses

Marketing 7980 3.0: Consumer Research A

Marketing 7981 3.0: Consumer Research B

Marketing 7985 0.0: Research Paper Formation

Marketing 7986 3.0: Applied Research Methods

Doctoral Course in Administrative Studies 7060 3.0:

Introduction to Applied Statistics

Doctoral Course in Administrative Studies 7100 3.0: Logics of Social Research

Doctoral Course in Administrative Studies 7250 3.0: Research Design

Doctoral Course in Administrative Studies 7400 3.0: Qualitative Research Methods

Two Elective Courses

These two courses are chosen, in consultation with the Marketing Area PhD Program Representative or from among the doctoral level courses offered within the program.

2. Comprehensive Examinations

Students write a comprehensive examination after successfully completing all coursework. This examination is designed to demonstrate knowledge of the Accounting field, the chosen foundation field, and research methodologies. The comprehensive examination is set and administered by Marketing Area faculty members. It is normally administered within 24 months of entry into the PhD program. A second and final attempt at this examination is allowed (within six months of the original exam) if the student is unsuccessful in the first attempt.

The program regards the comprehensive examination as a pivotal point for deciding whether students should be allowed to proceed with their studies or be encouraged to withdraw from the program.

3. Dissertation Proposal and Oral Defence

Candidates must prepare a written proposal to conduct original dissertation research carried out under the supervision of a supervisory committee, and must defend this to the satisfaction of the thesis supervisor and members of the supervisory committee.

4. Dissertation and Oral Examination

Candidates must prepare a dissertation based on original research carried out under the supervision of a supervisory committee and submit the results in appropriate dissertation form. After the formal submission of the dissertation, an oral examination is held. It is expected that all or part of the dissertation will be published following professional or scientific review.

OPERATIONS MANAGEMENT & INFORMATION SYSTEMS FIELD

The Operations Management & Information Systems field within the doctoral program in Administration at the Schulich School of Business, York University offers outstanding students the opportunity to develop the theoretical and methodological skills that will enable them to conduct leading edge research in business. Graduates of the program have gone on to successful careers in universities, government and industry, in Canada and in other countries.

The doctorate is an individualized program of study that is composed of the four tightly linked phases of study. Students first take a series of core courses and electives to acquire in-depth knowledge of prior research, theories and methods used in Operations Management & Information Systems. These courses also help develop the skills and competencies necessary to conduct research and to teach Operations Management & Information Systems. Second, candidates complete a comprehensive examination to test mastery of Operations Management & Information Systems and the methods used to study the field. The third phase of the PhD program consists of the preparation of the formal research proposal, which must be defended. Then students go on to conduct the research that is reported in their dissertation, the culmination of the PhD degree.

ADMISSION REQUIREMENTS

Competitive applicants typically have an undergraduate degree in a quantitative discipline such as engineering, mathematics, statistics, computer science, physics or economics, plus a master's degree in one of these fields or management. Exceptional students with only an undergraduate-level education in a quantitative discipline are also considered.

All applicants to the PhD program must meet the general admission requirements of the Schulich School of Business, the Faculty of Graduate Studies, and the University Senate. These general requirements include a four-year honours undergraduate degree from a recognized University, or qualifications accepted as equivalent by the Senate Committee and a basic understanding of calculus, linear algebra and analytic geometry at the university level. Applicants are also required to sit for the Graduate Management Admission Test (GMAT), or the Graduate Record Examination (GRE).

In addition, students who have not graduated from a university where the language of instruction is English are required to demonstrate competence in the English language. Usually such students take the Test of English as a Foreign Language or International English Language Testing System.

DEGREE REQUIREMENTS

Candidates for the Operations Management & Information Systems field PhD degree must fulfil the following minimum requirements:

1. Courses

Students must successfully complete the following course requirements:

Required Courses

Doctoral Course in Administrative Studies 7060 3.0:

Introduction to Applied Statistics

Doctoral Course in Administrative Studies 7250 3.0: Research Design

Operations Management and Information Systems 7100 3.0:

Strategic Operations Management I

Operations Management and Information Systems 7200 3.0:

Strategic Operations Management II

Operations Management and Information Systems 7300 3.0:

Empirical Methods in Operations Management

Operations Management and Information Systems 7985

3.0: Research Project in Operations Management and Information Systems

Mathematics 6904 3.0: Modern Optimizations

Economics 5320 3.0: Game Theory

Economics 5100 3.0: Microeconomic Theory

Economics 5220 3.0: Econometric Theory

Psychology 2001 3.0: Design of Experiments I

Psychology 2002 3.0: Design of Experiments II

Three Elective Courses

These courses are selected with the assistance of the Operations Management & Information Systems PhD program coordinator from among those offered in other fields in Schulich or from other relevant postgraduate programs at York University.

2. Comprehensive Examinations

The comprehensive field examination takes place in the summer of the second year. There are two components: a closed-book quantitative exam (approximately four hours in length) and an open-book take home exam (one week). The closed-book exam tests students on skills learned in their core courses. The open-book take home exam is in essay format and tests students on their ability to design a program of research. Students must demonstrate clear and coherent writing ability, methodological mastery and a deep comprehension of the literature relevant to the topic. Their academic writing style should mimic what is expected by top journals in the field (e.g., Management Science, Journal of Operations Management). Students receive a grade of pass or fail on this comprehensive exam. Those who fail will have the opportunity to retake the exams once, within six months of the date of the first comprehensive exam. Those who fail to pass a second time are not allowed to continue in the PhD program.

The program regards the comprehensive examination as a pivotal point for deciding whether students should be allowed to proceed with their studies or be encouraged to withdraw from the program.

3. Dissertation Proposal and Oral Defence

Candidates must prepare a written proposal to conduct original dissertation research carried out under the supervision of a supervisory committee, and must defend this to the satisfaction of the thesis supervisor and members of the supervisory committee.

4. Dissertation and Oral Examination

Candidates must prepare a dissertation based on original research

carried out under the supervision of a supervisory committee and submit the results in appropriate dissertation form. After the formal submission of the dissertation, an oral examination is held. It is expected that all or part of the dissertation will be published following professional or scientific review.

ORGANIZATION STUDIES FIELD

The Organization Studies field within the doctoral program in Administration at the Schulich School of Business, York University offers outstanding students the opportunity to develop the theoretical and methodological skills that will enable them to conduct leading edge research in organizational studies. Graduates of the program have gone on to successful careers in universities, government and industry, in Canada and in other countries.

The doctorate is an individualized program of study that is composed of four tightly linked phases of study. Students first take a series of core courses and electives to acquire in-depth knowledge of prior research, theories and methods used in Organizational Studies. These courses also help develop the skills and competencies necessary to conduct research and to teach Organizational Studies. Second, candidates complete a comprehensive examination to test mastery of the concepts related to and the methods used to study the field. The third phase of the PhD program consists of the preparation of the formal research proposal, which must be defended. Then students go on to conduct the research that is reported in their dissertation, the culmination of the PhD degree.

ADMISSION REQUIREMENTS

Graduates with a relevant master's degree from a recognized university may be admitted as candidates. While master's degrees in business administration or in a subfield thereof are considered relevant, so too are master's in fields such as economics, mathematics, sociology, psychology. Exceptional graduates with a four-year honours undergraduate degree in business administration or a related field, from a recognized university, may be considered. These candidates may be required during the first academic session (12 months) to take courses to fill gaps in their knowledge of the business discipline corresponding to their major field of study.

All applicants to the PhD program must meet the general admission requirements of the Schulich School of Business, the Faculty of Graduate Studies, and the University Senate. These general requirements include a four-year honours undergraduate degree from a recognized University, or qualifications accepted as equivalent by the Senate Committee, and a basic understanding of calculus, linear algebra and analytic geometry at the university level. Applicants are also required to sit for the Graduate Management Admission Test (GMAT), or the Graduate Record Examination (GRE).

In addition, students who have not graduated from a university where the language of instruction is English are required to demonstrate competence in the English language. Usually such students take the Test of English as a Foreign Language or International English Language Testing System.

DEGREE REQUIREMENTS

Candidates for the Organization Studies field PhD degree must fulfil the following minimum requirements:

1. Courses

Students must successfully complete the following course requirements:

Required Courses**Doctoral Course in Administrative Studies 7100 3.0: Logics of Social Research****Organizational Studies 7020 3.0: Advanced Topics in Organizational Theory****Doctoral Course in Administrative Studies 7400 3.0: Qualitative Research Methods****Doctoral Course in Administrative Studies 7600 1.5: Graduate Colloquium in Management****Doctoral Course in Administrative Studies 7900 3.0: Selected Problems in Administration****Organization Studies 7050 3.0: Meso Organizational Behaviour****Doctoral Course in Administrative Studies 7550 1.5: Structural Equation Modeling****Doctoral Course in Administrative Studies 7610 1.5: Graduate Colloquium in Management****Two Elective Courses**

These courses are selected with the assistance of the Organization Studies PhD program coordinator from among those offered in other fields in Schulich or from other relevant postgraduate programs at York. These can be used to form a “minor” field at the discretion of the student and the program coordinator.

2. Comprehensive Examinations

The comprehensive field examination takes place during or after the summer of the second year. The comprehensive exam is a written exam consisting of two parts. Part I tests students’ knowledge of theory, ability to conceptualize and ability to extend or offer novel insights into current theory. Part II is a research methods exam. Those who fail have the opportunity to retake the exams once, within six months of the date of the first comprehensive exam. Those who fail to pass a second time are not allowed to continue in the PhD program.

The program regards the comprehensive examination as a pivotal point for deciding whether students should be allowed to proceed with their studies or be encouraged to withdraw from the program.

3. Dissertation Proposal and Oral Defence

Candidates must prepare a written proposal to conduct original dissertation research carried out under the supervision of a supervisory committee, and must defend this to the satisfaction of the thesis supervisor and members of the supervisory committee.

4. Dissertation and Oral Examination

Candidates must prepare a dissertation based on original research carried out under the supervision of a supervisory committee and submit the results in appropriate dissertation form. After the formal submission of the dissertation, an oral examination is held. It is expected that all or part of the dissertation will be published following professional or scientific review.

POLICY & STRATEGIC MANAGEMENT FIELD

The Policy & Strategic Management field within the doctoral program in Administration at the Schulich School of Business, York University offers outstanding students the opportunity to develop the theoretical and methodological skills that will enable them to conduct leading edge research in organizational studies. Graduates of the program have gone on to successful careers in universities, government and industry, in Canada and in other countries.

The doctorate is an individualized program of study that is composed of four tightly linked phases of study. Students first take a series of core courses and electives to acquire in-depth knowledge of prior research, theories and methods used in Policy & Strategic Management. These courses also help develop the skills and competencies necessary to conduct research and to teach in this field. Second, candidates complete a comprehensive examination to test mastery of the concepts in the field and the methods used to study the field. The third phase of the PhD program consists of the preparation of the formal research proposal, which must be defended. Then students go on to conduct the research that is reported in their dissertation, the culmination of the PhD degree.

ADMISSION REQUIREMENTS

Graduates with a relevant master’s degree from a recognized university may be admitted as candidates. While master’s degrees in business administration or in a subfield thereof are considered relevant, so too are master’s in fields such as economics, mathematics, sociology, psychology. Exceptional graduates with a four-year honours undergraduate degree in business administration or a related field, from a recognized university, may be considered. These candidates may be required during the first academic session (12 months) to take courses to fill gaps in their knowledge of the business discipline corresponding to their major field of study.

All applicants to the PhD program must meet the general admission requirements of the Schulich School of Business, the Faculty of Graduate Studies, and the University Senate. These general requirements include a four-year honours undergraduate degree from a recognized University, or qualifications accepted as equivalent by the Senate Committee, and a basic understanding of calculus, linear algebra and analytic geometry at the university level. Applicants are also required to sit for the Graduate Management Admission Test (GMAT), or the Graduate Record Examination (GRE).

In addition, students who have not graduated from a university where the language of instruction is English are required to demonstrate competence in the English language. Usually such students take the Test of English as a Foreign Language or International English Language Testing System.

DEGREE REQUIREMENTS

Candidates for the Policy & Strategic Management field PhD degree must fulfil the following minimum requirements:

1. Courses

Students must successfully complete the following course requirements:

Required Courses**Doctoral Course in Administrative Studies 7100 3.0: Logics of Social Research****Doctoral Course in Administrative Studies 7250 3.0: Research Design****Doctoral Course in Administrative Studies 7400 3.0: Qualitative Research Methods**

A **3.0 credit** graduate level methodological course chosen in consultation with the field’s PhD Program Coordinator

Another **3.0 credit** graduate level methodological course chosen in consultation with the field’s PhD Program Coordinator

Doctoral Course in Administrative Studies 7610 1.5: Graduate Colloquium in Management**Doctoral Course in Administrative Studies 7600 1.5: Graduate Colloquium in Management**

Policy 7010 3.0: Behavioural Foundations of Strategic Management**Policy 7020 3.0: Economic Foundations of Strategic Management Organization Studies 7020 3.0: Advanced Topics in Organization Theory OR Organization Studies 7010 3.0: Individual Behaviour in Organizations****Two Elective Courses**

Students will take **at least two** of the following four electives:

- ❖ **Accounting 6600 3.0: Auditing Standards & Applications**
- ❖ **Strategic Management 7030 3.0: International Business**
- ❖ **Strategic Management 7040 3.0: Corporate Strategy**
- ❖ **Strategic Management 7050 3.0: Business, Society and Global Governance**
- ❖ **Strategic Management 7090 3.0: Special Topics in Strategic Management**

Research Paper

Students must submit one research paper that synthesizes a particular body of literature and furthers our understanding on a specific topic in strategy. The research paper is a prerequisite to the comprehensive exams and should comprise both a theoretical and an empirical component. Students work closely with a faculty advisor on this paper.

The initial submission of the research paper is due before the end of December of the second year. Students are required to present this paper in the research seminar series, normally during the spring term. Students are expected to submit the final version of the paper by May 15 of the second year. The paper is evaluated and must be approved by the research paper's faculty advisor, the area PhD Coordinator and an additional faculty member.

2. Comprehensive Examinations

The comprehensive field examination takes place after the summer

of the second year. The comprehensive exams are designed to test a student's breadth of knowledge in the field of strategic management as well as depth of knowledge in select areas. In preparation for their exams, students are given a list of classic readings at the beginning of their program; the list consists of books and journal articles that have defined the field. Students are expected to have a thorough comprehension and understanding of the historical development and the fundamental questions that have guided the discourse in the field. Students are also expected to be thoroughly versed in the current literature and research questions that occupy select areas of the field of strategy. It is assumed that these areas will subsequently define the scope of a student's dissertation.

Those who fail have the opportunity to retake the exams once, within six months of the date of the first comprehensive exam. Those who fail to pass a second time are not allowed to continue in the PhD program.

The program regards the comprehensive examination as a pivotal point for deciding whether students should be allowed to proceed with their studies or be encouraged to withdraw from the program.

3. Dissertation Proposal and Oral Defence

Candidates must prepare a written proposal to conduct original dissertation research carried out under the supervision of a supervisory committee, and must defend this to the satisfaction of the thesis supervisor and members of the supervisory committee.

4. Dissertation and Oral Examination

Candidates must prepare a dissertation based on original research carried out under the supervision of a supervisory committee and submit the results in appropriate dissertation form. After the formal submission of the dissertation, an oral examination is held. It is expected that all or part of the dissertation will be published following professional or scientific review.

ART HISTORY

The Graduate Program offers a master's degree in Art History and a PhD in Art History and Visual Culture and is designed to meet contemporary Canadian needs in the areas of art and architectural history, art criticism, and the gallery and museum field. The specific fields of study available in the PhD are Canadian art, architectural studies, curatorial and museological studies, and modern and contemporary art.

Students may include a field internship in a museum or arts-related area. The program is bilingual in principle.

Places in the Graduate Program in Art History are limited so that each student can be individually advised. Students will have an academic advisor who will approve their program and monitor their progress, and a research supervisor to oversee apprenticeship projects and the final research paper/thesis.

The MA in Art History normally requires a minimum of five continuous terms of full-time study. The PhD is designed to be completed within four years of full-time study. The PhD program is not designed for part-time students. Where possible, students should be prepared to devote themselves to full-time study at least during their first year in the master's program.

It is possible for students to obtain their Master of Arts degree in combination with a Graduate Diploma in Curatorial Studies in Visual Culture. Please see below for details.

It is also possible for students to obtain their Master of Arts in combination with a Master of Business Administration degree. Please see the Combined MBA/MFA/MA (Business Administration) section of this Calendar for more information.

MASTER OF ARTS PROGRAM ADMISSION REQUIREMENTS

The basic admission requirement for candidates for the MA in Art History is an Honours BA or equivalent with at least B (second class) standing from a recognized university, preferably with an art history major and studio experience. An undergraduate major presupposes at least five full-year courses (or equivalent) in art history. Students from other disciplines may be required to spend a qualifying year taking appropriate undergraduate courses.

PROGRAM OF STUDY

A normal full-time course load is three half-courses or equivalent per term. The first year's work will be used to enlarge the student's knowledge and intellectual grasp of art history. Students normally take the required half-course **Art History 5100 3.0: Methods: Historiography and Contemporary Methodologies**, a Graduate Research Seminar, and an art history elective in the first term of study. Each student must give satisfactory evidence of a reading knowledge of art historical literature written in French during the first year of the graduate program. A placement test is scheduled for entering students during Orientation Week.

The second year can be spent in different ways so that each student can have a program suited to individual needs. The student may undertake an internship in an arts-related institution for one or two half-credits to complement regular course work.

The summer term requires formal registration. During this period the student may undertake coursework, an internship, or the final research project.

LANGUAGE REQUIREMENTS

A minimum of two languages: English and one other, which is usually French. Each student must give satisfactory evidence of a reading knowledge of art historical literature in another language other than English as appropriate to the research program.

The minimum Test of English as a Foreign Language score the program is 600 for paper-based and 250 for computer-based or students may demonstrate their English language proficiency by completing York English Language Test with a score of 1.

DEGREE REQUIREMENTS

The program strongly recommends the degree by research paper option. The thesis option requires special permission.

MA Degree by Research Paper

Candidates for the MA in Art History by major research paper must successfully complete the following requirements:

- 1) **one half-course** on the methods, theory and historiography of art history (**Art History 5100 3.0**);
- 2) **three half-courses** (or equivalent) comprised of non-integrated graduate seminars;
- 3) **two half-course** (or equivalent) electives in art history;
- 4) option to complete **one half-course** from an approved cognate field; and,
- 5) the non-credit **Art History 6000 0.0: Research and Professional Practices Seminar**, including a major research paper (**Art History 6010 0.0**), 35 to 50 pages in length including foot/end notes, acknowledgements, bibliography and list of illustrations, which demonstrates the student's ability to do original research, normally focusing on a Canadian topic (Canadian art, or art in Canada). The research paper topic must be approved by the Candidate's research committee by the end of the second term at the latest.

TIME REQUIREMENTS

The minimum time to completion for the Master of Arts degree by major research paper is five terms.

MA Degree by Thesis

Candidates for the MA in Art History by thesis must successfully complete the following requirements:

- 1) **one half-course** on the methods, theory and historiography of art history (**Art History 5100 3.0**);
- 2) **three half-courses** (or equivalent) comprised of non-integrated graduate seminars;
- 3) **one half-course** (or equivalent) elective in art history;
- 4) option to complete **one half-course** from an approved cognate field; and,

- 5) by permission only, a thesis 75 to 100 pages in length including foot/end notes, acknowledgements, bibliography and list of illustrations, on an approved topic which demonstrates the student's ability to do original research normally focusing on a Canadian topic (Canadian art, or art in Canada). The candidate should propose a thesis topic to their supervisor during the second term. After formal submission of the thesis, an oral examination, centred on the thesis and matters related to it, is held in accordance with the Faculty of Graduate Studies' regulations.

TIME REQUIREMENTS

The minimum time to completion for the Master of Arts degree by thesis is five terms.

GRADUATE DIPLOMA IN CURATORIAL STUDIES IN VISUAL CULTURE

The Graduate Diploma in Curatorial Studies in Visual Culture provides an enhanced learning experience for those who are interested in a curatorial career. Students who successfully complete the requirements graduate with both the Master of Arts degree in Art History and the Graduate Diploma in Curatorial Studies in Visual Culture. To complete the diploma, students in the Graduate Program in Art History are required to take one half course beyond the requirements for the Master of Arts degree in Art History.

Candidates for the MA in Art History and the Graduate Diploma in Curatorial Studies in Visual Culture must successfully complete the following requirements:

- 1) **one half-course** on the methods, theory and historiography of art history (**Art History 5100 3.0**);
- 2) **three half-courses** (or equivalent) comprised of non-integrated graduate seminar:

two half courses in curatorial and museum studies (**Art History 5170 3.0: Museum and Gallery**), **Art History 5175 3.0: Curatorial Practice**, and, one half course, **Art History 5190 3.0: Internship**;
- 3) **three half-courses** (or equivalent) electives in art history;
- 4) **one half-course** from an approved cognate field;
- 5) an examination for a reading knowledge of French; and,
- 6) the non-credit major research paper seminar, including a major research paper, 35 to 50 pages in length including foot/end notes, acknowledgements, bibliography and list of illustrations, which demonstrates the student's ability to do original research, normally focusing on a Canadian topic (Canadian art, or art in Canada). The research paper topic must be approved by the candidate's research committee by the end of the second term at the latest.

DOCTORATE/DOCTOR OF PHILOSOPHY PROGRAM

PhD in Art History & Visual Culture

ADMISSION REQUIREMENTS

Applicants for admission should hold a master's degree in art history or a relevant discipline from a recognized university with a minimum A- average. This requirement may be waived if the student has had a long period of significant professional activity.

LANGUAGE REQUIREMENTS

A minimum of two languages: English and one other, which is usually French. The minimum Test of English as a Foreign Language score for the program is 600 for paper based and 250 computer based or students may demonstrate their English language proficiency by completing York English Language Test with a score of 1. Upon admission to the program, the students are asked to complete a translation exam in French. For most students, particularly those with a focus in Canadian art, this is the most suitable second language. However, the Graduate Program Director, supervisor and student may jointly agree that the translation exam should be set in another language. If they pass the exam, students have satisfied their second language requirement. If they do not pass the exam and their chosen language is French, they are required to enrol in and complete two half year 3-credit, French language courses designed specifically for graduate students at York University [**Faculty of Graduate Studies 5712 3.0: Reading French for Special Purposes (Elementary)** and **5713 3.0: Reading French for Special Purpose (Intermediate)**]. If they do not pass the exam and their second language is not French, the student and the graduate director will jointly decide on either a language course or self study towards a second translation exam as York does not currently offer specifically designed reading courses for graduate students in languages other than French. In the event that a third language is deemed necessary for the proposed research project, the student and the graduate director will jointly decide on either a language course or self study towards a translation exam.

DEGREE REQUIREMENTS

All students must satisfactorily complete the following:

1. Courses

Art History 6000 0.0: Research and Professional Practices Seminar (non-credit), **Art History 6200 3.0: Advanced Research and Dissertation Seminar** plus **four additional half courses** among graduate seminars. Students may apply to take courses outside the program.

2. Language

An examination testing the student's reading knowledge of another language other than English as appropriate to the research program.

3. Comprehensive Examinations

The comprehensive examination takes place in the fourth semester of study, during the fall semester of the second year. The intention for the comprehensive examinations is to demonstrate an understanding of the field and the context of scholarly intervention. It takes the form of one sit-down exam of five to six hours. The exam consists of two or three questions agreed upon by the supervisory committee, with a bibliography to be determined by the committee in consultation with the student. The questions are oriented in two specific ways to address (a) the breadth and (b) the depth of the bibliography. The comprehensive exam is graded as pass/fail, with the option to be rewritten once. It is followed by an oral defence with the supervisory committee. The oral exam is likewise graded as pass/fail, with the option to be retaken once. The comprehensive exam, then, involves the mastery and synthesis of key concepts and methodologies from a focussed body of literature in order to prepare the student for dissertation writing.

4. Dissertation

A dissertation on a topic approved by the program's graduate executive committee, presented and defended in accordance with the dissertation regulations of the Faculty of Graduate Studies.

BIOLOGY

The Graduate Program in Biology offers programs leading to the Master of Science degree (by research thesis) and the Doctor of Philosophy degree (by research dissertation). Details of each program are described below.

AREAS OF RESEARCH

Research in the Biology graduate program is focused on several broad areas including cell and molecular biology; population biology; vertebrate, invertebrate and plant physiology and animal behaviour. This focus ensures that within each area there is a critical mass of interacting people and shared resources to produce a strong research environment. Within the research areas, faculty members work on a diversity of research problems, the range of which can best be seen by consulting the detailed descriptions on the Biology website.

MASTER OF SCIENCE PROGRAM ADMISSION REQUIREMENTS

At the master's level, students work closely with a supervisor and their research is supported by that supervisor. Thus, no student is accepted into the program unless a faculty member agrees to supervise that student.

Graduates with a four-year bachelor's degree in biological science or its equivalent, with at least a B+ average in the last two years of study, may be admitted as candidates for the Master of Science degree. Each candidate selects a faculty supervisor on the basis of their mutual research interests and a supervisory committee (usually consisting of the supervisor and one other faculty member with similar research interests) is appointed by the graduate program to supervise and monitor the student's progress.

QUALIFYING YEAR

Graduates lacking the necessary undergraduate preparation may qualify for admission as undergraduate special students in the Faculty of Science. These admissions are dealt with by the **undergraduate** Admissions Office. Students are advised to take the equivalent of at least three, and up to five full courses. Students are advised to consult with potential graduate supervisors in selecting the courses to be taken, and are advised to have at least a C average before attempting such a program.

❖ *Note:* Successful completion of a year as a Special Student does not guarantee admission to the graduate program.

MSc Degree by Research Thesis

Candidates for the MSc degree by research thesis must fulfil the following requirements:

1. Courses

- a) All entering students plan a research program with their supervisor at the start of their degree studies. Progress in research is monitored by the supervisory committee through meetings with the student and by a **progress report** consisting of a written paper. Satisfactory progress in research results in credit for **Biology 6021 3.0/6022 3.0: MSc Research Evaluation** and a statement of the student's progress in the student's record. **In the event of failure to achieve satisfactory progress, the student will normally be required to withdraw from the program.**

- b) In addition to **MSc Research Evaluation**, each MSc student must take a minimum of **six credits** from Biology graduate courses including one of **Biology 5038 1.5: Current Topics in Molecular and Cellular Biology**, **Biology 5086 1.5: Critical Skills in Ecology and Evolution**, or **Biology 5100 1.5: Critical Skills in Animal Physiology**. MSc students in the Graduate Diploma in Neuroscience may take **Biology 5146 3.0: Fundamentals in Neuroscience I** in lieu of **Biology 5038 1.5**, **Biology 5086 1.5** or **Biology 5100 1.5**.

- c) Students may be required to take up to two full undergraduate courses (or equivalent) in biological science if this is necessary to strengthen the student's background.

2. Thesis and Oral Examination

Candidates must conduct a laboratory or field research project and report the results in appropriate thesis form. The research and thesis should demonstrate the candidate's independence, originality, and understanding of the area of investigation. While the thesis results may not be publishable as is, the research should be presented according to publication-quality standards in the field of study. After the formal submission of the thesis, an oral examination is held, normally centering on the thesis and matters related to it. The total length of the thesis does not normally exceed 100 pages, excluding appendices. Prior to submission to the graduate Faculty, the thesis must be presented to, and approved by, a majority of the program members of the examining committee.

NORMAL TIME LIMITS

Full-time candidates should normally complete all requirements for the MSc degree in biology within two years of full time study. Subsequent years will be permitted only as a part-time student.

DOCTOR OF PHILOSOPHY PROGRAM ADMISSION REQUIREMENTS

At the PhD level, students work closely with a supervisor, and their research is supported by that supervisor. Thus, no student is accepted into the program unless a faculty member agrees to supervise that student.

Graduates from a recognized university with a master's degree or equivalent in biological sciences, with at least a B+ average, or with a medical degree, may be admitted as candidates (PhD I) in a program of study and research leading to the PhD degree. Each candidate selects a faculty supervisor on the basis of their mutual research interests and a supervisory committee (usually consisting of the supervisor and two other faculty members with similar research interests) is appointed by the graduate program to supervise and monitor the student's progress.

Graduates with an honours bachelor's degree, or equivalent, in one of the biological sciences, who have at least a B+ standing at the undergraduate level may be considered for admission to the PhD program. Normally, however, such graduates must first register as candidates for the MSc degree. MSc students may request advancement in status to candidates (PhD I) for the PhD degree, without completing the requirements for the MSc degree. Their progress during the first year must be deemed excellent by their supervisory committee and the Graduate Program Director.

Candidates wishing to make this change must pass the PhD preliminary examination (see below) within 20 months of registering for the MSc degree.

DEGREE REQUIREMENTS

All Candidates for the PhD degree program must fulfil the following requirements:

1. Courses

- a) All entering students plan a research program with their supervisor at the start of their degree studies. Progress in research is monitored by the supervisory committee through meetings with the student and by a **progress report** consisting of a written paper. Satisfactory progress in research results in credit for **Biology 7021 3.0/7022 3.0/7023 3.0/7024 3.0: PhD Research Evaluation** and a statement of the student's progress in the student's record. **In the event of failure to achieve satisfactory progress, the student will normally be required to withdraw from the program.**
- b) Students may be required to take a maximum of **six credits** of graduate courses (or equivalent) in biological sciences, if this is deemed necessary to strengthen the student's background. Students who transfer internally from the MSc to PhD program must have completed the 6 credit course requirements for the MSc.
- c) Students may be required to take a maximum of two full undergraduate courses (or equivalent) in biological sciences, if this is necessary to strengthen the student's background.

2. Preliminary Examination

Candidates (PhD II) must satisfactorily pass a preliminary examination before advancing in status to candidates (PhD III). The objectives of this examination are to determine whether:

- a) the Candidate has adequate background and intellectual ability to pursue independent research in the field approved by the supervisory committee;
- b) the proposed research is suitable for a PhD research program; and,
- c) the candidate has demonstrated aptitude for conducting the proposed research by means of adequate progress and productivity.

During the two to three hour oral examination, based on a substantial written proposal and progress report, students must demonstrate adequate knowledge and understanding of the proposed research field, and the broader areas of knowledge related to the field.

The examination will be conducted by the student's supervisory committee plus two other faculty members from within the program. For students entering the program with a master's degree, the examination must be held within 18 months after the student becomes a candidate (PhD I). For students converting from a master's to a PhD program, the examination must also be held within 20 months of first registering in the master's program. The examination in this case is conducted by the student's supervisory committee plus three other faculty members from within the program. If the preliminary examination falls within two months of the annual progress reports, the student is exempt from such a report that year.

3. Dissertation and Oral Examination

Candidates must prepare and submit a suitable dissertation based on original research carried out under the supervision of a supervisory committee. The research should demonstrate the candidate's independence, originality, and understanding of the area of investigation at an advanced level. Some, or all, of the dissertation is expected to be sufficiently meritorious to be published in a peer-reviewed scientific journal. The dissertation research is not required to be submitted for publication, or published, prior to the

oral examination. After the formal submission of the dissertation, an oral examination is held, normally centering on the dissertation and matters related to it. Prior to submission to the graduate Faculty, the dissertation must be presented to, and approved by, a majority of the program members of the examining committee.

NORMAL TIME LIMITS

Candidates entering with an MSc degree are expected to complete their PhD degree requirements within five years.

BUSINESS ADMINISTRATION/INTERNATIONAL BUSINESS ADMINISTRATION/COMBINED MBA-MFA-MA/JOINT MBA-JD

MASTER OF BUSINESS ADMINISTRATION/IMBA/EMBA/EMPI/MBA-JD/MBA-MA/MBA-MFA

The Schulich School of Business offers candidates setting out on a career or moving to strengthen an existing career all the benefits of richly diverse, innovative, real-world management programs. MBA students may also pursue combined degrees in the Arts (MBA/MA, or MBA/MFA) or Law (MBA/JD), or concurrent graduate diplomas in Financial Engineering, Arts & Media, Business & Sustainability, Health Industry Management and Social Sector Management. Students interested in global business are encouraged to consider the International MBA, while experienced managers may apply to the Kellogg-Schulich Executive MBA.

Schulich programs teach more than just how to derive correct answers: students first need to ask the right questions and then frame the answer in the right context. All Schulich Business Administration programs combine classroom learning of fundamental and advanced management concepts with real world experience, including a major hands-on project where students work with real clients on real business problems and solutions.

The Schulich School of Business also offers graduate programs in Accounting, Business Analytics, Finance, Management, and Real Estate & Infrastructure as well as graduate diplomas such as Post-MBA Advanced Management. Please refer to the relevant program information in this Calendar and visit <http://schulich.yorku.ca> for more information.

MASTER OF BUSINESS ADMINISTRATION

The MBA program offers an integrated approach to general management fundamentals, a balance between qualitative and quantitative skills, and experience in a six-month, strategic consulting project with real clients, problems and solutions. Students complete **30 credits** of core courses and **30 credits** of electives, selected from more than 20 functional or cross-functional specializations. Students cover management fundamentals in terms one and two and advanced management (including specializations and the strategy project) in terms three and four. Many study options are available, including three campuses, multiple start dates and scheduling choices, plus the ability to switch between full-time and part-time study, as well as opportunities to study abroad. Full-time students typically complete the program in four terms; the average completion time for part-time students is ten terms. A limited amount of advanced standing is available for qualified applicants. Please visit <http://schulich.yorku.ca> for more information.

INTERNATIONAL MASTER OF BUSINESS ADMINISTRATION

The Schulich IMBA is a specialized MBA program designed for students interested in understanding and exploring the global challenges facing firms in an increasingly complex business environment. The program immerses students in global management education and practice from day one and is designed around two interrelated themes: functional business management and the professional development skills necessary to succeed in an increasingly competitive marketplace.

The IMBA is a full-time program for the first year with the option to go part-time in year two. It consists of 42 required credits, including an international work term and an international capstone consulting project, and a minimum of 24 elective credits. Students also pursue a 12-week international work term in the summer semester between first and second year to obtain relevant work experience in an industry sector of interest to them and in a country in which they have not had prior work or life experience. Other unique features of the IMBA program include an integrated curriculum, language development in six supported languages, unique IMBA courses such as the two-semester Integrated Management Experience course and a professional development course, and a smaller cohort that enables IMBA students to take all their first-year courses together. In second year, IMBA students take the same courses as MBA students and have the opportunity to choose from 18 different specializations as well as to take a semester at one of Schulich's many exchange partners around the globe. Please visit <http://schulich.yorku.ca> for more information.

JOINT KELLOGG-SCHULICH EXECUTIVE MASTER OF BUSINESS ADMINISTRATION

The Kellogg-Schulich Executive MBA is an 18-month, general management program leading to a joint Master of Business Administration degree from the Kellogg School of Management at Northwestern University and the Schulich School of Business at York University. The program is designed for promising managers with substantial experience who are on executive career paths in their employing organizations.

With its global content, locations, faculty members and students, the Kellogg-Schulich EMBA makes the world one's classroom. This global EMBA gives students the unique opportunity to learn from and interact with business leaders from around the world. The Kellogg-Schulich Executive MBA is part of a growing global network of joint Executive MBA programs with Kellogg. Graduates of the Kellogg-Schulich program become part of a global alumni network with Kellogg's other joint programs with the Guanghua School of Management at Peking University, the Hong Kong University of Science and Technology Business School, the Tel Aviv University School of Management, and the WHU - Otto Beisheim School of Management in Vallendar/Koblenz, Germany.

The curriculum includes 20 core courses and eight elective courses. It provides exposure to all of the key functional areas of business for general managers and emphasizes United States, Canadian and international perspectives on global leadership and strategic management. The program's faculty members are drawn from the Kellogg School, Schulich's senior faculty members and Kellogg's global EMBA partners. Among the program features are specially-designed preparatory tutorials to help strengthen quantitative and qualitative skills, diverse study teams, guest speakers, and a global strategy project that combines classroom with experiential learning and includes a trip to an emerging market. A culminating hands-on project focuses on an entrepreneurial venture design presented to Schulich and external experts.

With classes generally held every third weekend, the schedule minimizes time away from work and maximizes in-class and study team learning. The overall format of the Kellogg-Schulich Executive MBA is flexible, balanced and designed to accommodate students' career development and personal goals.

The program begins each year in January and concludes in June of the following year. Please visit <http://schulich.yorku.ca/programs/emba/> for more information.

EXECUTIVE MASTER OF BUSINESS ADMINISTRATION INDIA

The Schulich School of Business offers an Executive MBA program at the GMR/Schulich India campus in Hyderabad, and awarded by York University.

The program is geared towards educating managers in core and advanced management topics. The program runs in Schulich's Hyderabad campus but includes courses in Toronto and other international locations. It facilitates the busy work lives of practicing managers by offering courses over extended weekend sessions. Students engage in peer learning, international immersion and a capstone applied management project.

COMBINED PROGRAM, SCHULICH SCHOOL OF BUSINESS AND FACULTY OF FINE ARTS MBA/MFA/MA

The Schulich School of Business and the Faculty of Graduate Studies' Fine Arts programs offer a three-year, full-time, combined program leading to a Master of Business Administration (MBA) and a Master of Fine Arts (MFA) or Master of Arts (MA) degree for students interested in the arts and cultural sector. York University has distinguished itself in many ways but among its central achievements are the excellence of its School of the Arts, Media, Performance & Design, and that of the Schulich School of Business. These Faculties have created a combined MBA/MFA degree in the programs in Visual Arts, Film, and Dance and a combined MBA/MA degree program in Art History, Dance, Music, Film/Cinema & Media Studies and Theatre & Performance Studies at York University. The combined degree offers students a unique opportunity for study. Graduates of this highly challenging program follow career paths in which knowledge of the arts and of management and business are required. The MBA and MFA/MA programs complement each other in focus and offer excellent preparation for those interested in management careers in the arts and entertainment sectors.

For acceptance into this combined graduate program, students need to meet the application requirements for both the MBA and the MFA or MA as outlined by the University. Students must apply to each program separately. Students may apply for admission to the combined program during the first-year study in either the MBA program or MFA or MA program.

The program has been designed so that **students are normally able to complete the program of study over a three-year period**. Students are encouraged to complete their first year of core requirements in the MFA/MA program, the MBA core requirements in the second year and electives in both programs in year 3. Students are encouraged to complete an optional internship between years two and three. This internship is required for students who choose to pursue the Graduate Diploma in Arts, Media & Entertainment Management (please see below for further information). Students

may also reverse years one and two. Please visit <http://schulich.yorku.ca> for detailed information.

JOINT MBA/JD PROGRAM

The Joint Master of Business Administration/Juris Doctor (MBA/JD) Program offered by the Schulich School of Business together with Osgoode Hall Law School features a unique combination of courses that prepares students for the demands of leading edge careers in business, law and a variety of fields in which the two disciplines intersect.

The full-time joint degree gives students the added value of completing studies in just four years, one year less than if both degrees are undertaken separately. Students may also complete the program in three years by starting in the summer term (May). This option condenses years one and two to 16 months through year-round study. Admission is required by both Schulich and Osgoode Hall Law School.

Graduates from these highly challenging programs follow career paths in which business and law overlap. Students normally specialize in some business/law combination such as environmental law/business management; economic regulation; finance; international business; corporate / commercial law; corporate tax; labour law/labour relations; public administration; and real estate and infrastructure. Regardless of their proposed career path, students should always ensure sufficient breadth in their legal studies to prepare for the lawyer licensing and the demands of a legal career. This program offers full-time study only.

Please visit <http://schulich.yorku.ca> and <http://www.osgoode.yorku.ca> for more information.

GRADUATE DIPLOMAS

In addition to specializing, students may pursue a concurrent Graduate Diploma in the following areas: Arts, Media & Entertainment Management, Administration, Business & the Environment, Financial Engineering, Health Industry Management or Nonprofit Management & Leadership. Graduate diplomas are available in addition to a degree, and must be completed within a term following the MBA or IMBA. Besides specializing and completing their strategy field study in the appropriate field as approved by specialization director, students also engage in an internship or research project to deepen their knowledge. To obtain a graduate diploma, Schulich graduate students must satisfy both the graduate diploma requirements and degree requirements.

The Schulich School of Business offers three stand-alone graduate diplomas: the Post-MBA Diploma in Advanced Management, the Graduate Diploma in Intermediate Accounting and the Graduate Diploma in Financial Engineering. Please consult the relevant sections and <http://schulich.yorku.ca> for further information about the stand-alone diplomas.

GRADUATE DIPLOMA IN ARTS, MEDIA & ENTERTAINMENT MANAGEMENT

This designation is available to graduates of the MBA program who have completed the specialization in Arts and Media & Entertainment, a **Management 6100 3.0: Strategy Field Study** examining an organization in the Arts or Media sector, and satisfied an approved internship/placement.

GRADUATE DIPLOMA IN BUSINESS & THE ENVIRONMENT

Graduates of both MBA and MES programs require a solid grounding in new-style business and environment skills for the twenty-first century economy. This graduate diploma provides the perspectives, understanding, tools, skills and recognition for York master's graduates to become leaders in business and the environment. Students in the MBA and MES programs are eligible to receive this designation in conjunction with the completion of either graduate degree. The course requirements for the graduate diploma are the completion of **12 credit-hours** in designated Business & Sustainability courses. MBA students are also required to incorporate an environmental or sustainability component into their **Management 6100 3.0: Strategy Field Study**, while students in the MES program are required (in the MES III stage of their program) to undertake their major paper, major project, or thesis with a strong business and environment focus. In addition to the course requirements, students must complete an internship or placement of at least 12 weeks in an organization or agency with a focus on business and the environment.

GRADUATE DIPLOMA IN FINANCIAL ENGINEERING

Of interest to students with strong quantitative backgrounds in economics, mathematics, statistics, engineering or computing, financial engineering is a Schulich specialization which offers a graduate diploma in conjunction with the MBA degree. Students are required to complete **21 credit-hours** of required core Diploma courses consisting of **three credit-hours** of courses taken in the first year of the MBA, and either an internship/placement in a financial institution or an additional research paper. Also see the Graduate Program in Mathematics & Statistics section of this Calendar.

The Graduate Diploma in Financial Engineering is also offered as a stand-alone graduate diploma, for students not registered in a graduate program, requiring five masters-level courses offered by the Schulich School of Business and the Graduate Program of Mathematics & Statistics. This graduate diploma is of particular interest to students with strong quantitative backgrounds in economics, mathematics, statistics, engineering science or computing who are looking to accelerate their career in financial management. Financial engineering students gain the theoretical knowledge and specialized skills necessary to develop new financial instruments and to understand the role of financial instruments in risk management. Further information about the graduate diploma is available at <http://schulich.yorku.ca>.

GRADUATE DIPLOMA IN HEALTH INDUSTRY MANAGEMENT

Students may graduate with an MBA and Graduate Diploma in Health Industry Management. The graduate diploma focuses on healthcare management related to hospitals, pharmaceutical companies, biotech, health charities, and a wide variety of health-related health support and service organizations. To obtain the diploma, students specialize in health industry management and complete an internship or placement.

GRADUATE DIPLOMA IN INTERMEDIATE ACCOUNTING

The Graduate Diploma in Intermediate Accounting develops students' academic and intellectual abilities in the core competency areas that constitute the field of accountancy. This includes courses that are fundamental to accounting as well as basic and intermediate courses

in accounting. This graduate diploma is suitable for graduates of non-business programs and graduates of business programs not accredited by the CPA. The curriculum is academically rigorous and comprises **30 credits** over two terms.

After completing the program, graduates will have acquired in-depth learning of all of the field's competency areas and will have acquired expertise in basic and intermediate accounting, covering the Core 1 and Core 2 of the CPA qualification path. Graduates may proceed to complete their education necessary for professional certification by pursuing Schulich's Master of Accounting (advanced standing will be provided to successful graduates) or enter the CPA's professional certification stream.

The Graduate Diploma in Intermediate Accounting commences in May each year. Please refer to the Graduate Program in Accounting section in the Calendar and visit <http://schulich.yorku.ca> for more information.

GRADUATE DIPLOMA IN NONPROFIT MANAGEMENT

Students may graduate with an MBA and Graduate Diploma in Nonprofit Management upon completion of the following requirements: **12 credits** of courses as required by the specialization, a **Management 6100 3.0: Strategy Field Study**, conducted on a non-profit organization and an internship or placement, consisting of a minimum of 12 weeks in an organization in the non-profit sector.

POST-MBA DIPLOMA IN ADVANCED MANAGEMENT

The relentless and radical change associated with the business environment means that those holding MBA degrees must constantly upgrade their management knowledge and skills in areas such as inventory management, the management of workplace diversity, information systems, global operations and women in management. In recognition of this need, Schulich has developed a program that is unique in North America, the Post-MBA Diploma in Advanced Management. While other schools have chosen to mount brief 'refresher programs,' Schulich has opted instead to support more in-depth study through full-term (12 week) MBA elective courses. Open to individuals who hold an MBA degree from a recognized business school, the Diploma re-immerses the MBA graduate into the mainstream of Year 2 of the Schulich MBA program.

Further details are available from the Schulich School of Business Graduate Handbook. To obtain a prospectus and an application form, please visit <http://schulich.yorku.ca>

BUSINESS ANALYTICS

MASTER OF BUSINESS ANALYTICS

The Master of Business Analytics is a professional degree program offered by the Schulich School of Business and designed to provide students with the breadth and depth of knowledge to be successful in a wide range of careers in areas such as banking, insurance, marketing, consulting, supply chain management, healthcare, and large technology firms.

The Business Analytics program may serve as a foundation to pursue a PhD in this field.

Students gain a conceptual understanding and methodological competence of established techniques in business analytics that are used to create and interpret knowledge in various business environments. They are able to address complex issues using quantitative methodologies and create value for organizations using business analytics as a key measurement of performance and organizational planning. Graduates of this program understand how to apply business analytics to generate solutions that balance time, resources and complexity. They possess a skill set that is both quantitative and qualitative, with the technical competence to analyze data coupled with the skills required to communicate insights effectively.

This twelve month full-time program commences in May each year and culminates in a two-term experiential capstone course in which students complete a hands-on, problem-driven analytics project and develop applicable business solutions. Students interface directly with industry leaders and develop both technical and organizational expertise. All Schulich MBAN students are awarded the much-coveted SAS™ (Statistical Analysis Software) certification upon completion of the program.

Please visit <http://schulich.yorku.ca> for more information.

ADMISSION REQUIREMENTS

- ❖ Applicants should possess a four-year undergraduate degree from a recognized university with a minimum B+ average in the last two full years (or equivalent) of academic work. Candidates are also required to have strong quantitative background demonstrated by course work in statistics, math, economics and research methods during undergraduate studies.
- ❖ Post degree work experience is recommended but not mandatory.
- ❖ Applicants are required to take Graduate Management Admission Test (GMAT) or Graduate Record Examination (GRE) and obtain acceptable scores on all measures thereof.
- ❖ Proof of English language proficiency if prior studies were not completed in English: Test of English as a Foreign Language (iBT): 100 with minimum component scores of 23 or International English Language Testing System: 7.0 overall with minimum component scores of 6.5. Strong applicants whose first language is not English and do not meet the above language requirements may be considered for admission with the condition of completion of the MBA/Specialized Master's Preparation Program offered by the York University English Language Institute.
- ❖ Completion of the online application including submission of essays, an up-to-date résumé and two references.

DEGREE REQUIREMENTS

Students must successfully complete:

- ❖ **45 credits** of course work, consisting of:
- ❖ **33 credits** of core courses,
- ❖ **6 credits** of an experiential learning course (Analytics Consulting Project, ACP), and,
- ❖ **6 credits** of elective courses.

All other requirements are identical to those of Schulich's other master's programs.

CHEMISTRY

The Graduate Program in Chemistry offers programs of study leading to the MSc and PhD degrees. Areas of specialization include analytical, atmospheric, biological, inorganic, materials, organic, physical and theoretical chemistry, and chemical physics. Special opportunities are available in modern aspects of air pollution, mass spectrometry, protein identification and characterization, combinatorial chemistry, organic synthesis and reaction kinetics.

In both research-based MSc and PhD programs, graduate students work closely with a supervisor. Thus, no student is admitted to either program unless a faculty member agrees to supervise that student.

MASTER OF SCIENCE PROGRAM

ADMISSION REQUIREMENTS

Graduates with a four-year degree in chemistry or biochemistry (or its equivalent, with a minimum of 6 credits at the fourth year level), normally with at least a B average, may be admitted as candidates for the MSc degree.

QUALIFYING YEAR

Graduates lacking the necessary undergraduate preparation may qualify for admission as undergraduate Special Students in the Faculty of Science.

During the qualifying year, graduates are required to raise their qualifications to the minimum level required for admission as candidates. While admissions are dealt with by the Undergraduate Admissions Office, students are advised to consult with the Director of the graduate program regarding course load and selection.

❖ *Note: Successful completion of studies as a Special Student at the undergraduate level does not guarantee admission to the graduate program.*

DEGREE REQUIREMENTS

There are two routes by which a student may achieve an MSc degree in chemistry, either by research thesis or by coursework.

MSc Degree by Research Thesis

a) All entering students plan a research program with their supervisor at the start of their degree studies. Progress in research is monitored by the Supervisory Committee through annual enrollment in the **Research Evaluation Course (Chemistry 7000 3.0)**. This requires an annual progress report, consisting of a written paper, a public oral presentation, and an oral examination, usually in May each year. An overall rating of “pass” results in credit for **Chemistry 7000 3.0** up to a maximum of **6 credits**, and a statement of the student’s progress in the student’s record. In the event of receiving an overall rating of “failure,” the student is normally required to withdraw from the program. Failure to enrol in the annual **Chemistry 7000 3.0** course and/or to submit the completed research evaluation form within 30 days of the oral examination will result in receiving an “F” in the course, and withdrawal from the program.

b) In addition to the **Research Evaluation** course, each student must complete a minimum of **6 credits** from courses offered by the Graduate Program in Chemistry. These courses should be chosen in consultation with the student’s supervisor.

c) Students may be required to take up to two full undergraduate courses if this is necessary to strengthen the student’s background in relevant areas.

Candidates must conduct a research study and report the results in appropriate thesis form. The research and thesis should demonstrate the candidate’s independence, originality, and understanding of the area of investigation at an advanced level. After the formal submission of the thesis, an oral examination, normally centred on the thesis and matters related to it, is held.

MSc Degree by Coursework

Candidates for the MSc degree by coursework must either:

a) successfully complete **18 credits** chosen from courses offered by the Graduate Program in Chemistry, and conduct a full-course (**6 credits**) literature survey and write a review essay, which is submitted to an examining committee for approval.

or,

b) successfully complete **21 credits** chosen from courses offered by the Graduate Program in Chemistry, and conduct a half-course (**3 credits**) literature survey and write a review essay, which is submitted to an examining committee for approval.

or,

c) successfully complete **24 credits** chosen from courses offered by the Graduate Program in Chemistry.

EVENING COURSES

Some courses within the Graduate Program in Chemistry may be offered on a once-per-week basis during weekday evenings. The options of an MSc degree by coursework, or by coursework and review essay are therefore particularly suited to part-time candidates. Because of the special nature of research work, the MSc degree option by research is generally only open to full-time candidates.

TIME LIMITS

Candidates may take up to four years to complete the requirements for the MSc degree by coursework, or coursework and review essay on a part-time basis but a shorter period is desirable. Full-time candidates are normally expected to complete the requirements for the MSc degree in two years.

RESEARCH SEMINARS

A series of lectures on various topics in contemporary chemical research are presented by the faculty, visiting scientists and graduate students. Each graduate student is expected to attend throughout the time they are registered as a full-time student.

OTHER REGULATIONS

Students may submit a petition to the Graduate Program Director to take graduate courses outside the Chemistry program for credit.

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

Graduates with a four-year degree in chemistry or biochemistry (or its equivalent, with a minimum of **6 credits** at the fourth year level), normally with at least a B average, may be considered for admission as candidates for the PhD degree. Normally, however, such graduates must first register as candidates for the MSc degree.

Graduates with an honours degree in chemistry (normally with at least a B average) may be considered for admission to the PhD degree. Normally, however, such graduates must first register as candidates for the MSc degree. If their progress is satisfactory they may apply for entry into the PhD program, generally after 24 months, and without necessarily completing the thesis requirements for the MSc degree. A graduate wishing to apply from the MSc program for admission to the PhD program must write a report of her or his year's research and submit this for approval to an examining committee.

DEGREE REQUIREMENTS

Candidates (PhD I & II) for the PhD degree must fulfil the following requirements:

1. Courses

a) All entering students plan a research program with their supervisor at the start of their degree studies. Progress in research is monitored by the Supervisory Committee through annual enrollment in the **Research Evaluation** courses (**Chemistry 7001 3.0**). This requires an annual progress report consisting of a written paper, a public oral presentation, and an oral examination, usually in May each year. An overall rating of "pass" results in credit for **Chemistry 7001 3.0** and a statement of the student's progress in the student's record. In the event of receiving an overall rating of "failure," the student is normally required to withdraw from the program. Failure to enrol in the annual **Chemistry 7001 3.0** course and/or to submit

the completed research evaluation form within 30 days of the oral examination will result in receiving an "F" in the course, and withdrawal from the program.

b) In addition to **Research Evaluation**, each student must take a minimum of **12 credits** from courses offered by the Graduate Program in Chemistry. These should be chosen in consultation with the student's supervisor. The **12 credits** need to be completed by the end of the sixth term. Permission of the Graduate Program Director is required for an extension to this time limit for course work completion. For students entering the PhD program with an MSc degree, a maximum of **six credits** may be allowed for courses taken at York University or at another recognized university.

2. Dissertation and Oral Examination

Candidates must conduct a research study and report the results in appropriate dissertation form. The research and dissertation should demonstrate the candidate's independence, originality, and understanding of the area of investigation at an advanced level. After the formal submission of the dissertation, an oral examination, normally centred on the dissertation and matters related to it, is held.

OTHER REGULATIONS

Students may submit a petition to the Graduate Program Director to take graduate courses outside the Chemistry program for credit.

CIVIL ENGINEERING

The Graduate Program in Civil Engineering offers advanced training leading to Master of Applied Science and Doctor of Philosophy degrees. Three main research themes distinguish the program: infrastructure, resilience, and sustainability.

Infrastructure rehabilitation and replacement is the principal goal of this theme. Research focuses on above-ground infrastructure, such as roads, bridges, buildings, wastewater treatment facilities, and on buried infrastructure, such as stormwater collection networks, and large-scale tunnels. Other focus areas include intelligent transportation systems and freight transport networks.

The resilience theme emphasizes the performance of civil infrastructure during extreme loading events, including fires, and the influence of climate change. The development of novel materials and construction technologies that improve the resilience of civil infrastructure to ensure post-extreme-event functionality, such as earthquakes and floods, is one of the primary objectives.

Sustainability research focuses on developing technologies for construction using recycled and renewable materials. Other focus areas include construction over marginal-quality lands, post-mining rehabilitation of landscapes, remediation of contaminated groundwater, sustainable building design, and resource recovery.

MASTER OF APPLIED SCIENCE PROGRAM

ADMISSION REQUIREMENTS

The minimum requirements for admission to the MASc degree program in Civil Engineering is a bachelor's degree (BASc, BEng or equivalent) in Civil Engineering (or a closely-related discipline). A minimum B average in the final two years of the bachelor's degree program is required for admission.

DEGREE REQUIREMENTS

MASc Degree by Thesis

1. Courses

Candidates for the MASc degree are required to successfully complete **five one-term courses, at least three of which must be core courses from the subdiscipline** in which the student is pursuing the MASc degree. Of the remaining two courses, one can be a **technical elective** selected either from courses in Civil Engineering that are outside of the subdiscipline, or from courses offered by other graduate programs within the Lassonde School of Engineering or from courses offered by the Graduate Program in Environmental Studies or by the Graduate Program in Geography. The last remaining course can be an **open elective**, which can either be another technical elective or can be selected from courses offered by other York University Faculties. Of the five one-term courses, a maximum of two can be directed reading courses.

The requirements for the MASc degree also include non-credit complementary activities. All MASc students are required to register in the **non-credit course Civil Engineering 6000 0.0: Graduate Seminar Series in Civil Engineering** for every term during their study period. Each student must attend a minimum of ten graduate seminars and give at least one graduate seminar based on the student's research project. All MASc students are also

required to take a non-credit course on **engineering ethics** offered by the Lassonde School of Engineering, **Engineering 6000 0.0: Engineering Ethics**.

2. Thesis

MASc students are required to register for a non-credit master's thesis course for every term during their study period, **Civil Engineering 6002 0.0: MASc Civil Engineering Thesis**. A thesis supervising committee is assigned to oversee the student's academic progress, including courses and research. Each MASc student is required to submit an annual progress report. A meeting of the student's supervisory committee is held prior to the completion of the annual progress report. The student may be asked to undergo corrective measures if the supervisory committee finds the student's progress in the program to be unsatisfactory.

Each MASc student must submit a thesis on their research project in written form and defend the thesis in an oral examination to a thesis examination committee. Criteria for examining the thesis includes academic excellence, innovation, contribution to the state-of-the-art, and quality of both the written thesis and the oral presentation.

TIME REQUIREMENTS

Normal expected degree completion time for full-time MASc students is 6 terms (2 years). All requirements for a master's degree must be fulfilled within 12 terms (4 years) of registration as a full-time or part-time master's student in accordance with Faculty of Graduate Studies' registration policies.

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

The minimum requirements for admission to the PhD degree program in Civil Engineering are a bachelor's degree (BASc, BEng or equivalent) and a master's degree (MASc, MEng or equivalent) in Civil Engineering (or a closely-related discipline). A minimum B average in the coursework for the master's degree program is required for admission.

The minimum requirement for transfer from the MASc to the PhD degree program in Civil Engineering is successful completion of MASc course requirements with an overall "A" average. In addition, a research plan must be submitted to the supervisory committee for approval in consultation with the Graduate Program Director. It is normally expected that the student making a transfer request will have completed three terms of full-time study after initial registration and no more than five terms of full-time study after initial registration into the MASc program.

❖ *Note that direct entry into the PhD degree program after completing a Bachelor's degree in Civil Engineering (or a closely-related discipline) is not permitted.*

DEGREE REQUIREMENTS

1. Courses

Coursework requirements for PhD students fall under **one of the following three options**:

Option 1: A PhD student with a master's degree in Civil Engineering from York University: The requirement is **three half courses**, two of

which are required to be **technical electives** plus one **open elective**. These courses must be different from those taken by the student as part of the student's master's degree program.

Option 2: A PhD student with a master's degree in Civil Engineering (or a closely-related discipline) not from York University: The requirement is **three half courses**, two of which must be core courses plus one **technical elective**.

Option 3: A PhD student who has transferred from the MSc degree program to the PhD degree program: The requirement is **two half courses**, one of which must be a **technical elective** and the other an **open elective**. These two required courses must be different from those taken by the student in fulfilling the requirements of the student's master's degree program.

The requirements for the PhD degree also include non-credit complementary activities. All PhD students are required to register in the **non-credit course Civil Engineering 6000 0.0: Graduate Seminar Series in Civil Engineering** for every term during their study period. Each PhD student is required to attend a minimum of ten graduate seminars and give at least two graduate seminars based on the student's research project. Each PhD student is also required to take a non-credit course on **engineering ethics** offered by the Lassonde School of Engineering, **Engineering 6000 0.0: Engineering Ethics**, unless the student has previously taken this course as part of the student's master's degree program.

2. Dissertation Course and Supervisory Committee

All PhD students are required to register for a non-credit PhD dissertation course for every term during their study period, **Civil Engineering 6001 0.0: PhD Civil Engineering Thesis**. A dissertation supervising committee is assigned to oversee the student's academic progress, including courses and research. Each PhD student is required to submit an annual progress report. A meeting of the student's supervisory committee is held prior to the completion of the annual progress report. The student may be

asked to undergo corrective measures or, in exceptionally serious cases, withdraw from the program, if the supervisory committee finds the student's progress in the program to be unsatisfactory, regardless of whether the student has successfully completed the PhD comprehensive examination and has met the PhD dissertation proposal presentation and defence requirements.

3. Comprehensive Examination and Research Proposal

Each PhD student is required to pass a PhD comprehensive examination within the first 12 months of the PhD program. Any exceptions must be approved by the Graduate Program Director. Each PhD student is required to present and defend a PhD research proposal to an examination committee within the first 24 months of the student's PhD program in the form of a formal written document and open seminar format. Any exceptions must be approved by the Graduate Program Director. Failure of the PhD comprehensive examination or unsuccessful defence of the research proposal after the second attempt will result in a recommendation to the Faculty of Graduate Studies to withdraw the student from the PhD degree program.

4. Dissertation and Defence

Each PhD student is required to submit a thesis in written form and defend the thesis in an oral examination to a PhD thesis examination committee. Criteria for examining the thesis includes academic excellence, innovation, contribution to the state-of-the-art, and quality of both the written thesis and the oral presentation.

TIME REQUIREMENTS

Normal degree completion time for full-time PhD students is 12 terms (4 years). For full-time PhD students who transferred from the MSc program, the normal degree completion time is 12 terms (4 years). All requirements for a doctoral degree must be fulfilled within 18 terms (6 years) of registration as a full-time or part-time doctoral student in accordance with Faculty of Graduate Studies' registration policies.

COMMUNICATION & CULTURE

A Joint Program of York University and Ryerson University

The Joint Graduate Program in Communication & Culture is a unique partnership of York University and Ryerson University. The Joint program combines academic and professional work, with the objective of promoting the application of critical theory and research to contemporary issues and practices in communication and culture. It brings together perspectives from the social sciences, humanities and fine arts, and communication- and media-related professions, and aims to encourage critical and innovative thinking, research, and practice. The curriculum reflects the view that advanced work in this field requires not only a thorough grounding in critical theory and method but also a grasp of the policies, practices, processes, and technologies in contemporary communication and cultural production.

Drawing on faculty members from many programs in both universities, the program's curriculum is structured around three distinct but inter-related areas of study:

- ❖ **Media and Culture**
- ❖ **Politics and Policy**
- ❖ **Technology in Practice: Applied Perspectives**

The curriculum features required core courses for both the MA and PhD foundation courses in each area, and a wide range of electives, including courses mounted especially for this program.

Program requirements have been designed to serve the needs of both full-time and part-time students and courses are offered at both universities. Offerings include opportunities for field placements (in public and private institutions) and, in exceptional cases, some independent study.

The focus of the program is on critical theory, research, and analysis of professional practice, production, and technology. The doctoral program is research-oriented and is designed to provide advanced training for candidates intending to pursue careers in research and post-secondary teaching.

MASTER OF ARTS PROGRAM

ADMISSION REQUIREMENTS

Graduates with an honours degree or equivalent from a recognized university in social sciences, humanities, fine arts, or a related applied program (such as media production or communication technology), with at least a B+ average in the final two years of study, may be considered for admission as candidates for the MA degree. Applicants are expected to provide evidence of a high level of achievement in writing, research, or cultural production and of commitment to advanced work in communications and culture. Students whose first language is not English must have a minimum Test of English as a Foreign Language score of 600.

DEGREE REQUIREMENTS

Required Courses

All students must complete the following **six half courses**:

Communication & Culture 6002 3.0: Research Methodologies
Communication & Culture 6004 3.0: Communication and Culture: An Interdisciplinary Approach
Communication & Culture 6005 3.0: Research Specialization and Practice

Students are required to take **one elective course** offered internally by the Communication & Culture program in EACH of the three areas of specialization which includes:

Media & Culture; and,
Politics & Policy; and,
Technology in Practice: Applied Perspectives.

Students may complete the degree by **Master's Research Paper, Thesis, or Project.**

MA Degree by Research Paper

Students must successfully complete 9 half courses plus a master's Research Paper:

- ❖ **6 required half courses** (as listed above); and,
- ❖ **3 additional half courses** selected from the list of elective courses offered by the program. A maximum of two elective courses may only be taken outside of the program with permission from the program(s).

Candidates must undertake research under the direction of a faculty member appointed to the Joint Graduate Program in Communication & Culture on an approved topic and submit a paper of about 50-75 pages incorporating this research. The paper is assessed by the supervisor and an arms-length second reader.

MA Degree by Thesis or Project

Students must successfully complete **8 half courses** plus a thesis or project:

- ❖ **6 required half courses** (as listed above); and,
- ❖ **2 additional half courses** selected from the list of elective courses offered by the program, other elective courses outside the program may only be taken with permission from the program(s).

Candidates may choose between an MA thesis or MA Project and Paper.

MA Degree by Thesis

In addition to coursework, candidates must undertake original research under the direction of three faculty members (normally at least one from each university). The principal supervisor must be a member of the Graduate Program in Communication & Culture. Candidates must submit a thesis (of about 100-120 pages) based on original research and in a Faculty of Graduate Studies' appropriate thesis form. Candidates are required to defend the thesis at an oral examination.

MA Degree by Project

In addition to coursework, the project option permits MA candidates to report on advanced work in non-traditional ways. Projects could include an audio, video, or multimedia production, a website or network design, a photo essay, technical manual, or strategic information plan, among many possible examples. The required project paper (about 30 pages) must document the work involved, place it in the context of theory and practice in the field, and explain its theoretical and/or methodological contribution to the field of communication and culture (*i.e.*, demonstrate how it 'breaks new ground'). The work is done under the direction of three faculty members (normally including one from each university). The

principal supervisor must be a member of the Graduate Program in Communication & Culture. Candidates are required to defend the project/paper at an oral examination.

DOCTOR OF PHILOSOPHY PROGRAM ADMISSION REQUIREMENTS

Admission to the PhD program requires demonstrated capacity to undertake advanced study in communication and culture, normally through completion of the MA in communication and/or cultural studies or in a related academic or professional field (or equivalent), with a high level of accomplishment (normally a minimum of B+ average or equivalent). Students whose first language is not English must have a minimum Test of English as a Foreign Language score of 600.

In addition to the submission of transcripts from all universities attended and three letters of reference, applicants are also asked to submit a statement of interest (or proposed plan of study) and a sample of their written (or other relevant) work.

Applicants applying on the basis that their academic and professional credentials are equivalent to an honours degree (for the MA program) or to a master's/magisteriate degree (for the PhD) must make the case for equivalency in their statements of interest or in a covering letter as part of their applications.

❖ *Note: Students lacking appropriate background in theories relevant to the study of communication/culture or knowledge of relevant technologies may be required to take upgrading courses as a condition of admission for the MA or PhD.*

DEGREE REQUIREMENTS

Required Courses

Students must take a minimum of **six half-courses** including:

Communication & Culture 7000 3.0: Perspectives in

Communication and Cultural Studies, and,

Communication & Culture 7200 3.0: Advanced Research Methodologies; and,

Communication & Culture 7005 3.0: PhD Field Seminar: Disciplinary Practices.

Candidates must select a **major** area of specialization: a minimum of two half courses as selected from in-program electives, and a **minor** specialization: a minimum of one half course [which may be taken in a related program only with permission of the program(s)]. In-program courses selected from:

Media & Culture; and/or

Politics & Policy; and /or

Technology in Practice: Applied Perspectives

Upon completion of the above course work candidates are required to complete their qualifying examination (also called comprehensive exams) as described below:

Qualifying Examination

PhD candidates must demonstrate an overall command of the field and of the major and minor areas of area specialization by passing a written and oral comprehensive examination. The examination is normally taken by the end of the second year of registration (or by the end of the third year for part-time students). The examination tests the student's grasp of the history of the field, its central themes

and debates, and the key theoretical and methodological issues. The examination also reflects the diversity of perspectives in the areas of specialization and its interdisciplinary nature in general. Successful completion of both the written and oral components of the examination demonstrates that the candidate is qualified to teach at the university level and has the level of knowledge in her/his area of specialization needed to begin work on the dissertation.

Dissertation Proposal

The expected outcome of the qualifying examination is that the candidate prepares a formal dissertation proposal, under the direction of an advisory committee of program-faculty (normally at least one from each university). Upon completion of the qualifying exams, the formal proposal is submitted for approval by the thesis committee and the graduate program.

Dissertation

Candidates are required to develop the proposal into an original thesis that makes a significant contribution to knowledge in the field. The dissertation is submitted to the examining committee for review and oral examination.

LANGUAGE AND COGNATE REQUIREMENTS

There are no specific requirements, but candidates are required to be competent in those languages or cognate skills essential to their research.

CONFERENCE INTERPRETING

The Graduate Program in Conference Interpreting program seeks to prepare a new generation of skilled and knowledgeable professionals for a rewarding career in this dynamic, fast-paced field.

The Master of Conference Interpreting degree is a two-year (six-term) program. Candidates must pass an aptitude test, at which point they enter Year One. Upon successful completion of the first three terms of Year One, students have the option of exiting the program and receiving the Graduate Diploma in General Interpreting. Those who elect to stay in the program must pass the transition examination leading to Year Two. After the successful completion of another three terms—and of the end-of-degree exit examination—students earn the Master of Conference Interpreting degree.

MASTER OF CONFERENCE INTERPRETING PROGRAM/DIPLOMA IN GENERAL INTERPRETING

ADMISSION REQUIREMENTS

To be granted standard admission to the program, applicants must meet two principal conditions.

First, candidates must successfully complete the aptitude test, described above. The test measures candidates' aptitude for interpreting between English and another language, in large part by assessing their proficiency. However, the measures outlined below will also be used to assess language competence.

Second, they must hold an honours undergraduate degree or equivalent (typically a four-year full-time program) from an accredited postsecondary institution with a minimum grade point average of "B" in the final two years of full-time equivalent study. Applicants with a degree in translation are a good fit for the program, but so too are candidates with undergraduate training in other areas that have obvious relevance to interpreting, such as finance, economics, politics, public administration, law, and healthcare.

English Language Proficiency

Proof of English language proficiency is required for applicants who do not meet one of the following criteria:

1. Their first language is English; OR
2. They have completed at least one year of full-time study at an accredited university in a country (or institution) where English is the official language of instruction.

If required, proof of English language proficiency shall include one of the following:

- ❖ a minimum Test of English as a Foreign Language score of 600 (paper based), 250 (computer based) or 100 (internet based)
- ❖ an International English Language Testing System overall band score of 7.5
- ❖ a York English Language Test score of Band 1

To be granted advanced entry to the program (direct entry to Year Two), candidates must have sufficient professional experience. They must also submit a petition to the Graduate Program Director to waive program requirements (grant additional transfer credits). These candidates are assessed on a case-by-case basis, and are required to pass the Master of Conference Interpreting transition examination.

DEGREE AND DIPLOMA REQUIREMENTS

Graduate Diploma in General Interpreting/Year 1 of Master of Conference Interpreting Degree Program

Candidates for the Graduate Diploma in General Interpreting must successfully complete the following requirements.

30 credits made up of the following courses:

❖ Mandatory Courses (21 credits):

Conference Interpreting 5710 3.0: Conference Interpreting I
Conference Interpreting 5715 3.0: Conference Interpreting II
Conference Interpreting 5720 3.0: Court Interpreting I
Conference Interpreting 5725 3.0: Court Interpreting II
Conference Interpreting 5730 3.0: Healthcare Interpreting I
Conference Interpreting 5735 3.0: Healthcare Interpreting II
Translation Studies 5700 3.0: Interpreting Studies

❖ Background courses (9 credits)

9 credits to be chosen and discussed with the program.

Year 2 of Master of Conference Interpreting Degree Program

Entrance to Year 2 is confirmed by the successful completion of the transition examination.

Students must successfully complete **30 credits** comprised of the following courses.

❖ Mandatory Courses (30 credits):

Conference Interpreting 5820 3.0: Documentation and Professional Practice I
Conference Interpreting 5825 3.0: Documentation and Professional Practice II
Conference Interpreting 5830 3.0: Documentation and Professional Practice III
Conference Interpreting 5835 3.0: Documentation and Professional Practice IV
Conference Interpreting 5840 3.0: Documentation and Professional Practice V
Conference Interpreting 5845 3.0: Documentation and Professional Practice VI
Conference Interpreting 5850 3.0: Other Languages* Into English I
Conference Interpreting 5855 3.0: Other languages* Into English II
Conference Interpreting 5860 3.0: English into Other Languages I
Conference Interpreting 5865 3.0: English into other Languages II

LANGUAGES

*The program works with the following languages:

- ❖ Arabic
- ❖ English
- ❖ French
- ❖ German
- ❖ Mandarin
- ❖ Portuguese
- ❖ Russian
- ❖ Spanish
- ❖ Turkish

Applicants should be a native speaker of one of these languages, and they should have a near-native command of at least one of the others. All applicants must have English as one of their working languages.

CRITICAL DISABILITY STUDIES

The MA and PhD degrees of the Graduate Program in Critical Disability Studies offer a comprehensive curriculum covering diverse scholarly perspectives. The program structure and environment encourages advanced research, new scholarship and provides opportunities to contribute to the field. Both programs enable a multidisciplinary group of students to explore disability in relation to social policy, social justice, human rights issues, and social, historical and cultural movements in Canada and internationally.

In particular, the programs provide graduate students with the ability to:

- ❖ critically understand existing policies and practices relating to disability, as well as Canadian and international laws and instruments governing human rights and protections for people with disabilities;
- ❖ present theories of human rights as a basis for understanding existing legal, economic and social rationales for inclusion in relation to systemic barriers and oppression;
- ❖ situate key debates in disability studies in both historical and contemporary contexts, including understanding how issues relating to disability are interpreted and advanced in both an academic setting and in public and private policy and programming;
- ❖ recognize the importance of racialization, poverty, gender, sexuality and class issues as they intersect with disability;
- ❖ foster critical studies of activism and activist histories;
- ❖ influence public policy at federal, provincial and local levels and contribute to movements for social justice and human rights;
- ❖ contribute to an evidence-based body of knowledge on people with disabilities at the international, national and local level in the health, education, social policy and legal sectors; and,
- ❖ apply qualitative and quantitative research skills to policy research and longitudinal studies.

The PhD program is geared towards students who wish to further develop their critical understanding of disability both as an independent issue and as an issue that raises fundamental questions relating to the meaning of equality, legal distinctions of classes of people, issues of difference as a social, historical and cultural category, applied human rights, the social and legal construction of inequality, and the implications of inclusion as opposed to add-on programs and services.

The MA program can be completed either on a part-time or full-time basis. The PhD program can be completed on a full-time basis.

MASTER OF ARTS PROGRAM ADMISSION REQUIREMENTS

The program is open to graduates of recognized universities. Applicants must possess a completed honours bachelors degree (generally a four year degree) with a minimum B+ average or equivalent in the humanities, social science or a related applied program (no specific undergraduate major is required).

The program will undertake a case-by-case determination of considering admission of “non-standard” applicants whose average is below the minimum standard of B+. This will be considered when an applicant states that they have been subject to discrimination related to their disability affecting their grades while completing their undergraduate degree.

Applicants must provide:

- ❖ a recent research paper or report to indicate ability in writing and conducting research;
- ❖ a statement of interest showing evidence of commitment to advanced work in studies in disability. The statement should include a discussion of the applicant’s background, interests, skills and career goals, with a proposed program of study;
- ❖ a c.v. and three recommendation forms; and,
- ❖ for students whose first language is not English, a minimum Test of English as a Foreign Language score of 600 (paper based) or 250 (computer based) or a York English Language Test score of 1 is required.

Applicants are assessed on the basis of academic achievement and potential and/or demonstrated capacity or potential for advanced work in an applied area. The submitted research paper or report and the statement of interest will provide a basis for evaluating that potential.

Please consult the online application materials at <http://cds.gradstudies.yorku.ca/programs/>. Prospective applicants can contact: Graduate Program in Critical Disability Studies, York University, 409 Health, Nursing & Environmental Studies Building, 4700 Keele Street, Toronto, Ontario, Canada, M3J 1P3; (416) 736-2100, extension 44494; gradcds@yorku.ca.

DEGREE REQUIREMENTS

Candidates for the Master of Arts (Critical Disability Studies) degree must fulfill the following requirements.

Three course equivalents at the graduate level, including a major research paper as follows:

1. Core courses

- a) **Critical Disability Studies 5100 6.0: Disability Studies: An Overview;**
- b) **Critical Disability Studies 5110 3.0: Methodology; and,**
- c) **Critical Disability Studies 5120 3.0: Law.**

2. Elective courses

Two half-courses selected from the courses offered.

3. Major Research Paper

Students in the MA must complete a major research paper that tests students against the educational objectives of being able to form a researchable question. The research paper address the question through an appropriate theoretical framework, review and synthesis of the literature, analysis of primary and secondary data sources and formation of a set of conclusions. It trains students in the formulation and writing of a specific research project, and gives them the experience of working independently under faculty supervision. Students develop a research topic given their interests in specific areas and are supervised by faculty members with related experience.

The major research paper is evaluated by the student’s major research paper supervisor and advisor through written and oral presentations at which the student’s ability to answer questions related to the major research paper is assessed. The major research paper is evaluated on the extent to which the student proposes researchable question, and their ability to address it through an appropriate theoretical framework, review and synthesis of the literature, analysis of primary

or secondary data sources and formation of a set of conclusions. The length of the paper is 50 pages with an upper limit of no more than 65 pages, excluding references.

TIME LIMITS

Faculty of Graduate Studies' regulations require all students to register for a minimum of three full terms or equivalent, and to complete all requirements within 12 terms.

DOCTOR OF PHILOSOPHY PROGRAM ADMISSION REQUIREMENTS

The program is open to qualified students who want to obtain advanced scholarly training in the interdisciplinary study of Critical Disability Studies and who have demonstrated academic excellence in a related field of study. To be considered for admission, candidates must:

- ❖ have completed a master's degree with a minimum A- average or equivalent; equivalence is demonstrated by five or more years of voluntary or paid work experience in a senior position in government, administrative position in an NGO, teaching or administrative position in a university, college or high school, within the area of social justice, human rights and disability;
- ❖ provide a statement of interest demonstrating commitment to advanced work in disability studies. The statement should include a discussion of the applicant's background, interests, skills and career goals, along with a proposed program of study and specific research interests;
- ❖ demonstrate ability in writing and research by submitting a recent research paper or report that the applicant has written for a course or in an employment context; and,
- ❖ provide a *c.v.*, three letters of reference, preferably two from university faculty members. Equivalencies (letters from non-university faculty) are considered for applicants who have been out of school for more than five years.

For students whose first language is not English, a minimum Test of English as a Foreign Language score of 600 (paper based) or 250 (computer based) or York English Language Test score of Band 1 is required.

FIELDS IN THE PROGRAM

Within the broader scope of critical disability studies, faculty members offer research and teaching strengths in the following fields:

1. Human Rights and Social Justice. This field covers the key philosophical, historical and legal concepts surrounding the development and implementation of ideas and policies pertaining to human rights and social justice. It includes a broad understanding of international and national human rights standards as well as cross-cultural interpretations of what is meant by social justice and legal rights obligations. The meaning of human rights and social justice are considered within the context of their applicability to people with disabilities. This field also examines diversity pertaining to cross-cultural, class, gender, sexual orientation, race, ethnicity, age and poverty issues as they relate to disability. There is a focus on the ways in which diversity issues in the context of broad socioeconomic factors impact experiences of people with disabilities and how equity struggles within a diverse society inter-connect with one another.

2. Critical Theory. This field covers key critical concepts and texts both within disability studies as well as articulated by post-structuralism, Marxism, racial formation theory, queer theory, and feminist theories, among others, which have significantly influenced disability studies.

3. Social Policy. This field examines social policy development affecting disability and equity issues within a Canadian and international context in regard to their impact on national, regional and local policies affecting people with disabilities. The impact of grass roots organizing and activism are also included as an important area of study, looking at how disability advocacy has influenced the development of social policies at different times and places both historically and in contemporary society.

DEGREE REQUIREMENTS

The PhD program is a full-time program of advanced graduate study. It is expected that most students will complete the program in four years. However, students can change their status to be registered on a part-time basis unless otherwise approved for accommodation purposes.

All PhD candidates are required to develop a plan of study providing an integrated, coherent rationale for their studies as they relate to coursework, the comprehensive examination and the dissertation. The plan of study must demonstrate the use of critical theory in disability studies as well as an interdisciplinary approach that charts new areas in scholarship in this field. Upon admission, each student is assigned an advisor, based on student's field of interest as indicated in statement of interest and advisor's area of expertise, with whom the student meets to decide on the plan of study. The plan must be approved by both the student's advisor and the Graduate Program Director during the first term of study. By the end of the second term, the student must submit a finalized plan of study, which is a refinement of the first. Upon completion of their first year of study, students are required to choose a supervisor.

The PhD program has three major components: coursework, a comprehensive examination, and the dissertation.

1. Courses

Core Courses

Students are required to take one full core course, over two terms in the first year of study:

Critical Disability Studies 6100 6.0: Doctoral Seminar in Critical Disability Theory and Research.

Electives

In addition, students are required to complete any three half-courses from among the program's electives. Although approval from the Program Director is required, students are encouraged to take courses from other graduate programs to fulfill their elective requirements. No specialization is required, as students obtain general competencies from engagement in all three fields. It is expected that students complete their elective requirements over the first three terms of study.

❖ *Note* If, prior to admission, students have not taken a graduate level methodology course, **Critical Disability Studies 5110 3.0: Methodology** is required in addition to the three electives for a total of four electives.

❖ *Note* **Critical Disability Studies 5120 3.0: Law** is primarily offered to master's students; however it is accessible to PhD students who have not previously taken a law course. If prior to admission, students have not taken a Law course relating to issues of disability, **Critical Disability Studies 5120 3.0: Law** is required in addition to two electives for a total of three electives.

2. Comprehensive Examination

The comprehensive examination is a pedagogical exercise that requires candidates to engage in written and oral focused academic inquiry on a topic or problem of interest that extends the bounds

of coursework and moves toward the conceptual work of the dissertation.

This process consists of three 25-page papers, one of which covers the scope and history of the field, its central themes and debates, and the key theoretical and methodological issues and the other two which cover specialized areas within the field.

The oral comprehensive examination is set at the completion of the three written papers. The examination committee includes the three faculty members who supervised the 3 papers as well as the Graduate Program Director. The oral component consists of a two-hour examination wherein the examiners discuss the students' comprehensive knowledge of the three areas of their papers.

The comprehensive examination is assessed using one of the following categories: pass, pass with conditions, or unsatisfactory. Candidates who receive an unsatisfactory rating on the examination have one opportunity to retake the comprehensive examination within six months of the date of the first examination. A second failure results in the withdrawal of the student from the program. Successful completion of the written and oral exam qualifies the candidate to begin the dissertation proposal.

3. Dissertation and Oral Examination

After successful completion of the comprehensive examination, students begin preparation of the dissertation. The dissertation, with

a concentration in one of the fields, but with broad application of all three, makes an original contribution to scholarship in the field of Critical Disability Studies. The dissertation process has four stages:

- ❖ the establishment of a supervisory committee, comprised of three faculty members, at least two of whom must be members of the Critical Disability Studies graduate program. A third member may be appointed to the graduate program;
- ❖ the preparation of a dissertation proposal, which must be approved by the Graduate Program Director, the supervisory committee and the Faculty of Graduate Studies;
- ❖ the writing of a dissertation acceptable to the supervisory committee and formally approved as examinable by the members of that committee; and,
- ❖ the successful completion of an oral examination, centered on the dissertation and matters related to it, and presided over by an examining committee recommended by the Graduate Program Director for approval and appointment by the Faculty of Graduate Studies.

TIME LIMITS

Faculty of Graduate Studies' regulations requires all students to register for a minimum of 12 terms (4 years), and to complete all requirements within 18 terms (6 years). Terms in which a student registers for Leave of Absence, Maternal Leave, Parental Leave, or No Course Available are not included in these time limits. Continuous registration at York University must be maintained.

DANCE

The Master of Arts in Dance is a two-year program offering the study of dance through historical research, critical writing, ethnography, movement analysis and reconstruction. Graduates from the program are currently involved in teaching, writing, performing, further study and work in libraries, archives and museums.

MASTER OF ARTS PROGRAM

ADMISSION REQUIREMENTS

Candidates should hold an honours degree (or equivalent) with a B standing and should have a background in dance studies or a related area such as music, theatre, history, philosophy, anthropology, sociology or folklore. Students lacking sufficient dance background may be asked to enrol in a qualifying year prior to entering the program. Applications are evaluated on the basis of transcripts, three letters of reference, a 500-word statement on research and career objectives and a sample of past written work.

DEGREE REQUIREMENTS

Students may complete the MA degree by using one of the following three routes:

MA Degree by Thesis

Candidates for the MA degree by thesis must fulfil the following requirements:

1. Courses

Five half-courses or equivalent, chosen from those offered by the Graduate Program in Dance. Of these, students are required to take **Dance 5200 3.0** and **Dance 5300 3.0**. Two additional half courses to be selected from the current program offerings. One half course from the program offerings or from a cognate area.

2. Language

There is no foreign language requirement for the MA in Dance but a candidate's supervisor or supervisory committee may require the candidate to demonstrate a reading knowledge of such languages as are necessary to enable them to use the major primary and secondary sources relevant to their major research paper/project or thesis. When appropriate, other skills or courses (*e.g.*, statistics) may be required in addition to the course requirements.

3. Colloquia

All students are required to attend non-credit colloquia scheduled each year in which guests and students present material of common interest.

4. Thesis

A **thesis** or **thesis project** which demonstrates the student's ability to do original research. After formal submission of the thesis, an oral examination, normally centred on the thesis and matters related to it, is held.

MA Degree by Research Paper

Candidates for the MA degree by research paper must fulfil the following requirements:

1. Courses

Six half-courses, or equivalent, chosen from those offered by the

Graduate Program in Dance. Of these, students are required to take **Dance 5200 3.0** and **Dance 5300 3.0**. Two additional half courses are selected from the current program offerings, and a further two half courses are selected from the program offerings or from a cognate area.

2. Language

There is no foreign language requirement for the MA in Dance but a candidate's supervisor or supervisory committee may require the candidate to demonstrate a reading knowledge of such languages as are necessary to enable them to use the major primary and secondary sources relevant to their major research paper/project or thesis. When appropriate, other skills or courses (*e.g.*, statistics) may be required in addition to the course requirements.

3. Colloquia

All students are required to attend non-credit colloquia scheduled each year in which guests and students present material of common interest.

4. Research Paper

Candidates must undertake research under the direction of a Dance graduate program faculty member on an approved topic and write a substantive research paper incorporating this research. The paper is evaluated by the faculty member directing the research and by a second reader appointed by the Graduate Program Director.

MA Degree by Coursework

Candidates for the MA degree by coursework must complete a total of **ten three-credit** courses or equivalent:

1. Courses

Six three-credit courses chosen from those offered by the Graduate Program in Dance (**Dance 5200 3.0** and **Dance 5300 3.0** plus **four** additional **three-credit** courses).

2. Cognate

Two three-credit courses or equivalent from approved cognate fields at the graduate level.

3. Elective

Two three-credit courses or equivalent at the graduate level in dance or at the graduate level in an approved cognate field.

4. Language

There is no foreign language requirement for the coursework option.

5. Colloquia

All students are required to attend non-credit colloquia scheduled each year in which guests and students present material of common interest.

MASTER OF FINE ARTS PROGRAM

The MFA in Dance Program: 'Choreography Collaboration | Creation' reflects the way many contemporary artists are working. This student-centered, experiential, intensive five-term program requires program participants to form collaborative teams with other graduate students from a wide range of disciplines and diverse

skill sets, successfully creating, producing and presenting their own work. Through a series of critical skill courses taken during their first three terms, the program provides students with the theoretical and technical knowledge necessary to create multidisciplinary performance art. Then, guided through the creation process by our experienced faculty, the collaborative team's work is presented to the public. The student's research and creative process is self-examined and contextualized through an extended research essay (thesis). Finally, an oral examination focused equally on the thesis and related collaborative project completes their research/creation journey.

ADMISSION REQUIREMENTS

Normally candidates for the MFA in Dance Program: 'Choreography Collaboration | Creation' will have a BFA in dance, or equivalent, with a B+ average or above in the last two years of study. Candidates are expected to enter with a full understanding of choreographic elements and a knowledge of dance history and dance aesthetics. When applying, all candidates are required to submit video examples of their most recent choreography and a statement outlining their objectives in pursuing this degree. The entrance MFA Graduate committee conducts interviews in person or by telephone as required.

DEGREE REQUIREMENTS

MFA Degree by Thesis

Students in the Dance MFA program are required to successfully undertake the following courses and activities during five terms.

1. Colloquia

All students are required to attend the non-credit **Dance MFA Colloquia** scheduled each year in which guests and students present material of common interest.

2. Courses

Required Courses

Students are required to successfully complete the following courses:

Dance 5221 3.0: The Interactive Stage Explorations in Electronically Mediated Performances

Dance 5260 3.0: Dance Video and Intermedial Performance

Dance 5270 3.0: Lighting Design for Dance I

Dance 5300 3.0: Methods and Materials for Movement Observation

Dance 5501 3.0: Initiating, Forming and Performing Choreography I

Dance 5602 0.0: Dance Production (*non-credit*)

Dance 6003 0.0: Contemporary Choreography Professional Qualifying Practica I (Fall) (*non-credit*)

Elective Course

MFA students are also required to select and successfully complete **one additional half-credit (3.0) elective course. 18 credits** in total are required.

3. Thesis Proposal and Research

During the first two terms, and concurrent with their coursework, students prepare a thesis proposal to be submitted for approval by the end of their second term. Supporting research and their collaborative/creative work, a public presentation, must be completed no later than the mid-point of their fifth term.

4. Thesis and Oral Examination

The student's research and creative process is self-examined and contextualized through an extended research essay (thesis). An oral examination held at the end of the fifth term, focused equally on the thesis and the related collaborative project, complete the requirements for the degree.

DANCE STUDIES

DOCTOR OF PHILOSOPHY PROGRAM ADMISSION REQUIREMENTS

To be admitted to the PhD in Dance Studies, applicants should hold a master's degree with at least an A- average in dance or a related field in the fine arts (such as music), the humanities (such as history or women's studies) or the social sciences (such as anthropology). Applications are evaluated on the basis of transcripts, three letters of reference, two examples of scholarly writing and a 1000-word statement of research interest or potential dissertation topic.

Proof of language proficiency is required for students who do not meet one of the following criteria:

1. their first language is English, OR
2. they have completed at least one year of full-time study at an accredited university (or institution) in a country where English is the official language of instruction. A minimum Test of English as a Foreign Language score of 600 (paper based) or 250 (computer based) or York English Language Test score of Band 1 or equivalent is required.

The program accepts only those qualified applicants who are able to benefit from the faculty and facilities available.

DEGREE REQUIREMENTS

Students must complete course requirements, comprehensive examinations and the dissertation. During their first two years, they are also required to attend the non-credit Dance Colloquium series, which is strongly recommended for the entire time students are active in the program. In the required **Dance 6200 3.0: Advanced Research and Dissertation Seminar**, faculty offers students advice on all facets of the dissertation research and writing process, including finding a committee, preparing the proposal, conducting research, writing the dissertation and getting the work published. During these sessions, students present their work in progress and interact with fellow students and faculty at regular intervals.

1. Courses

Students are required to successfully complete **five three-credit courses** and **Dance 6200 3.0: Advanced Research and Dissertation Seminar**. They must take at least one **6000-level** course in both fields in the program. Students may be allowed to take one three-credit course outside the program and up to two three-credit courses as directed readings in dance studies, with the permission of the Graduate Program Director. Students are encouraged to consider taking the Faculty of Graduate Studies course **FGS 5000 3.0: University Teaching and Learning**.

2. Comprehensive Examination

The comprehensive examinations require doctoral students to engage in both written and oral academic inquiry. The three exams (major, specific, minor) require students to demonstrate contextual knowledge as well as mastery of relevant methodologies and resources of the field in which they propose to write the dissertation as well as in the minor field. The comprehensive exams normally are written in the fall term of second year (term 4). The comprehensive exam committee consists of the three faculty members who guide the student through the three exams.

The oral exam, normally completed at the beginning of term 5, consists of a set of questions selected by the comprehensive exam

committee members based on the student's exam submissions. All committee members read all three parts of the exam. The committee, through consensus, decides if the candidate has passed each part of the exam. If consensus is not possible, the Graduate Program Director and examination committee member(s) in the relevant area of expertise make the final decision. If the committee fails the candidate on one or more parts of the examination the student must rewrite the part(s) failed within six months. The examination may be retaken one time only. If the candidate does not pass the second time the candidate is required to withdraw from the program.

To remain in good standing, students must pass the comprehensive examinations before completing year three of their studies.

3. Dissertation and Oral Examination

Students demonstrate their specialized knowledge and research plans through a dissertation proposal and bibliography. They develop the proposal in **Dance 6200 3.0: Advanced Research and Dissertation Seminar**. Dissertation proposals are reviewed and approved by the program's Executive Committee as well as the Faculty of Graduate Studies. Students then proceed to research, write and defend a dissertation embodying the results of original investigation that represents a significant contribution to knowledge in the field. The regulations of the York University Faculty of Graduate Studies for regular reporting on student progress and procedures for the evaluation of dissertations apply.

RESIDENCE

Doctoral students are required to be in residence for at least two years during which they are expected to participate in the Dance Colloquium series. Attendance at other specified workshops, lectures and events is also part of the residency requirement.

LANGUAGE

Language requirements are determined in relation to individual project needs. The supervisor or supervisory committee may require the student to verify proficiency in reading, speaking and/or writing in the language(s) necessary to conduct research.

FULL-TIME STUDIES

The PhD program is only available on a full-time basis.

TIME LIMITS

The length of time required to complete the PhD is normally four years (twelve terms).

DESIGN

The Graduate Program in Design is distinguished by its emphasis on design practice and its interdisciplinary approach to graphic design. It is a practice-based, two-year program that fosters critical thinking, develops design skills and shapes the student's creative capacity for an informed studio practice that will challenge the limits of the discipline. Graduate students obtain a Master of Design that prepares them to enter professional graphic design practice or academia as advanced thinkers and makers.

FACILITIES

The teaching facilities in the Department of Design include a dedicated graduate classroom and studio spaces that allow for 24-hour access. Each student is provided with a workspace that includes a personal desk, cabinet and a Mac computer equipped with current design software. Adjacent to the grad studio is the fabrication lab with state of the art equipment including large format and colour laser printers, Risograph and 3D printers, laser cutter, vinyl cutters, DSLR cameras, and letterpresses to support professional studio and research.

MASTER OF DESIGN PROGRAM

ADMISSION REQUIREMENTS

Admission to the program requires a four-year undergraduate honours degree or equivalent, with at least a B (second class) standing, preferably in design or a design-related field. Applicants that do not meet the above educational requirements but show exceptional promise through their experience, portfolio, and written statement may be recommended for admission to the Faculty of Graduate Studies.

APPLICATION PROCEDURES

An application to the program includes several components. Before starting the application process, please review all of the requirements for formally applying to the Faculty of Graduate Studies in addition to those required by the Graduate Program in Design. All components should be completed and submitted online.

Application components include; a statement of intent (500–750 words), *curriculum vitae*, three letters of recommendation, official transcripts, design portfolio consisting of 10–15 pieces of work, some of which should be supported by process work which illustrates a project's development. Applicants should also include the title, the date of completion, a short description and the design rationale with each project.

DEGREE REQUIREMENTS

The Master of Design degree requires the equivalent of five terms of full-time study.

Laying the foundation in first year, the curriculum includes classroom study in the foundations of theory, research, methods and issues, all in support of studio practice. By drawing upon university-wide electives, the curriculum is designed to stimulate and encourage students to share insights, information and ideas across their interests. Students pursue individual goals, discover new modes of practice and gain design experience—culminating in a practice-oriented graduate thesis in the second year.

Master of Design by Thesis

1. Courses

Students **must** successfully complete a total of **21 credits**:

Design 5101 3.0: Design Theory and Criticism

Design 5104 3.0: User-centred Design Research Methods

Design 5107 3.0: Disciplinary Research Methods in Design

Design 5108 3.0: Design Studio: Culture and Criticism

Design 5109 3.0: Design Studio: Users and Information

Two elective courses (normally completed by the end of the fourth term): in order to encourage the development of an individual program of study, each student must select and successfully complete two electives.

Elective requirements are satisfied by courses chosen from among the offerings of other graduate programs at York University (with permission from both programs), or from the list of Graduate Program in Design elective courses.

Only **one** elective may be chosen from:

Design 5102 3.0: Design Issues and Critical Making;

Design 5402 3.0: Type in Motion;

Design 5403 3.0: Advanced Topics in Interactivity;

Design 5404 3.0: Design Studies Seminar;

Design 5405 3.0: Book Design;

Design 5407 3.0: Corporate Identity Design;

Design 5408 3.0: Data Visualization Design;

Design 5409 3.0: Building a Discipline;

Design 5412 3.0: Design Management; or

Design 5414 3.0: Interactive Objects and Environments.

2. Thesis

In fulfilment of Master of Design degree requirements, students complete a thesis project (the format and media of the final project will vary), as well as a thesis support paper of 20–40 pages (approximately 5,000–10,000 words). Both the Master of Design thesis project and the thesis support paper are defended at the final oral examination. In addition to the thesis project and support paper, continuing students are required to display their progress through public presentations of the thesis proposal, and thesis-in-progress presentations each fall and winter semester.

ENGLISH LANGUAGE REQUIREMENT

All instruction in the Graduate Program in Design is delivered in English. It is imperative that students be proficient in English and be able to present their ideas both verbally and in writing. Consequently, proof of language proficiency is required unless applicants meet one of the following criteria:

❖ first language is English; **OR**

❖ completed at least two years of full-time study at an accredited university in a country (or institution) where English is the official language of instruction.

DEVELOPMENT STUDIES

The Graduate Program in Development Studies is a unique graduate program comprised of a set of interdisciplinary core courses that have been specifically designed to provide students with a full range of conceptual and methodological tools to engage the current issues and challenges of sustainable human development as it confronts us in our globalizing world. The program requires that students deal with this reality through literature and through fieldwork. The coursework and fieldwork together combine to provide students with the basis for an opportunity for sustained reflection on a particular aspect of the larger development problematic.

The course of study integrates critical theoretical exploration and practice, and incorporates contemporary discourses on development to better reflect the new realities of globalization and the recent developments in the field. Students gain real-world experience with a variety of internships and volunteer opportunities and through the fieldwork component.

Designed for persons who are either currently working or aspiring to work in the field (*e.g.*, for multilateral organizations, government agencies, development NGOs or local community organizations), the program serves as an excellent foundation for those intending to complete a specialized doctoral program in development studies.

MASTER OF ARTS PROGRAM ADMISSION REQUIREMENTS

Candidates must:

- ❖ have a completed honours degree (with B average or equivalent) in a relevant humanities, social science, or related applied program;
- ❖ submit a recent research paper or report to indicate ability in writing and research;
- ❖ submit a statement of interest providing evidence of commitment to advanced work in studies in development. The statement should include a discussion of the applicant's background, interests, skills, and career goals, with a proposed program of study;
- ❖ submit three (3) letters of recommendation written by academic and/or non-academic referees; and,
- ❖ for students whose first language is not English, have a minimum Test of English as a Foreign Language score of 600 (paper-based) or 250 (computer-based); or York English Language Test score 1.

Applicants are assessed on the basis of academic achievement and potential and/or demonstrated capacity for advanced work in International Development. Efforts are made to attain a balance among students who have significant work experience in the field and those that are relatively recent graduates of undergraduate programs.

SUPERVISORY COMMITTEES

Each student's area of study is taken in consultation with a faculty supervisory committee. Members of the supervisory committee act as academic advisors assessing the student's work and progress, assisting with thesis or major research paper preparation and serving as professional mentors.

DEGREE REQUIREMENTS

The program is offered on a full-time and part-time basis, with a recommended time of two years (five terms) for completion of the

program. The program offers two options with respect to degree requirements, a thesis, or a major research paper.

MA Degree by Thesis

The thesis option is completed within a two-year (5 term) timeframe.

1. Courses

Students are required to take **21 credits**, as follows along with fieldwork and a thesis.

❖ Five three-credit core courses (15 credits):

Development Studies 5100 3.0: Conceptual Foundations of Development

Development Studies 5101 3.0: Historical and Institutional Foundations of Development

Development Studies 5105 3.0: Graduate Seminar in Fieldwork and Professional Development

Development Studies 5120 3.0: Research Methods for Development

Development Studies 5122 3.0: Critical Reflections on Field Work and Writing

❖ Two three-credit courses (6 credits) from among:

Development Studies 5110 3.0: Development, Political Economy & Policy

Development Studies 5111 3.0: Civil Society in Development Discourse and Practice

Development Studies 5112 3.0: Cultural Politics of Development

Development Studies 5121 3.0: Tools and Policy Analysis for Development

❖ **Note:** One **three-credit elective course** may be selected from among current course offerings in other programs with permission of the Graduate Program Director.

2. Fieldwork and Work Placement

All students are required to undertake field work for a period of three to four months, preferably during the Summer semester. As part of their fieldwork experience, students also complete a placement with a relevant organization or research institution. Students are assisted in the selection of the site for their placement by the Graduate Program Director.

3. Thesis

Candidates must conduct a research study and report the results in appropriate thesis form. The research and results should demonstrate the Candidate's independence, originality, and understanding of the area of investigation at an advanced level. There are no precise requirements for length, but a reasonable guideline would be 100 double-spaced typewritten pages. The thesis is written under the supervision of a thesis supervisory committee consisting of three faculty members, including one from outside the program. Upon completion, the thesis must be defended in an oral examination before a thesis examining committee, made up of at least two faculty members from the program and one faculty member at arm's length from outside the program. Aside from requirements established by the Faculty of Graduate Studies, theses should follow normal scholarly standards in form.

MA Degree by Major Research Paper

The major research paper option is completed within a two year (5 term) timeframe.

1. Courses

Students are required to take **24 credits**, along with fieldwork and a major research paper.

❖ **Five three-credit core courses (15 credits):**

Development Studies 5100 3.0: Conceptual Foundations of Development

Development Studies 5101 3.0: Historical and Institutional Foundations of Development

Development Studies 5105 3.0: Graduate Seminar in Fieldwork and Professional Development

Development Studies 5120 3.0: Research Methods for Development

❖ **Three three-credit courses (9 credits) from among:**

Development Studies 5110 3.0: Development, Political Economy & Policy

Development Studies 5111 3.0: Civil Society in Development Discourse and Practice

Development Studies 5112 3.0: Cultural Politics of Development

Development Studies 5121 3.0: Tools and Policy Analysis for Development

❖ **Note:** One three-credit elective course may be selected from among current course offerings in other programs with permission of the Graduate Program Director.

2. Fieldwork and Work Placement

All students are required to undertake field work for a period of three to four months during the Summer semester. As part of their fieldwork experience, students also complete a placement with a relevant organization or research institution. Students are assisted in the selection of the site for their placement by the Graduate Program Director.

3. Major Research Paper

The major research paper comprises the sustained exploration of a theoretical or empirical question. As a research project, the major research paper is generally narrower in scope, less complex in methodology and/or less ambitious in data gathering and analysis than a thesis. Major research papers should be between 50 and 70 double-spaced pages in length. The paper is supervised by a core faculty member from the program. Upon completion, the paper will be read by an additional faculty member from the program, and the student is required to defend it orally before both readers.

DIGITAL MEDIA

The Graduate Program in Digital Media offers courses and opportunities for advanced training and research leading to the Master of Arts, Master of Science, and Doctor of Philosophy degrees. Highly qualified students are provided with the opportunity to do specialised hybrid research work in a program that uniquely combines computational science and artistic practices. Work in digital media focuses on a broad range of current and emerging forms of digitally supported media, with applications that range from computer games to interactive art.

The degree designations for the MA and MSc programs provide students the opportunity to tailor their program to suit the methodology required for their major research project. Students pursuing an MA focus on research-creation for art applications, which combines creative and academic research practices to produce critically informed work in a variety of media. Students pursuing an MSc focus on scientific/engineering research methods for technology, hardware and/or software development within digital media.

Across all three Digital Media graduate degrees, in both courses and project development, students work within a shared environment that enables them to develop expertise complementary to their research specialization in computational science or artistic practice.

APPLICATION PROCEDURES

Portfolio Requirements

A portfolio is required for entry into all programs. A portfolio shows evidence of prior creative outputs primarily in the form of artworks but could also include outputs from computer engineering-based projects. Projects represented in the portfolio should emphasize a cross-disciplinary approach. Examples of art-based portfolios could include drawings/images, audio recordings, sound compositions, video documentation of interactive systems, other gallery/curatorial documentation, games and interactive demonstrations but must include some works that utilize programming. Examples of computer engineering-based projects could include source code for applications (preferably interactive), games, microcontroller code (from physical computing), video documentation of projects, publications, and prototypes but must include some works that engage with the arts.

Letters of Recommendation

Letters can be from previous professors, employers, or other persons with whom the applicant has had interactions and who can attest to their professional and/or academic qualifications.

English Language Requirement

Proficiency in written and spoken English is required. The Faculty of Graduate Studies may require proof of an acceptable level of English necessary for purposes of doing research. No proficiency test is needed if your first language is English, or if you have completed at least one year of full-time study at an accredited university where English is the official language of instruction. Otherwise, applicants should see the Faculty of Graduate Studies' website for more information and to see which English proficiency tests are recognized.

MASTER OF ARTS PROGRAM

ADMISSION REQUIREMENTS

Graduates with an honours degree or equivalent in digital media or

related Bachelor's program from a recognized university, such as an art program that focuses on technology, with at least a B average in the final two years of study, may be considered for admission as candidates for the MA degree. Applicants are expected to provide a statement of interest letter, a portfolio, a *curriculum vitae*, and two letters of recommendation. Applicants must show that they have experience in both programming and the arts, and in particular a cross-disciplinary approach. Experience creating art or creative works (including games) using programming languages is required. Those whose formal background in programming is incomplete will be required to take appropriate supplemental undergraduate courses in addition to required courses.

DEGREE REQUIREMENTS

Candidates for the MA degree must fulfil the following requirements:

Degree by Coursework and Major Research-Creation Project

Students must successfully complete the following course requirements:

- ❖ **Digital Media 5010 3.0: Foundations of Digital Media;**
- ❖ **Digital Media 5020 3.0: Advanced Vertical Studio/Lab I;**
- ❖ **three credits** from a specified list of computer science graduate level courses;
- ❖ **three credits** from a specified list of computational arts graduate level courses; and,
- ❖ **six credits** at the graduate level, with Graduate Program Director/supervisor approval.

No more than **six credits** can be integrated with undergraduate courses.

Candidates for the MA degree must complete **18 credits** and conduct a major research-creation project under the general direction of a supervisor with a review essay that details and contextualizes the project. The Digital Media MA is research degree and projects are defined as a body of work similar to a thesis in quality, scope and/or degree of originality. Projects entail a public presentation and critique of the work, which could include an exhibition.

TIME REQUIREMENTS

Normal expected degree completion time for full-time MA students is 5 consecutive terms. All requirements for a master's degree must be fulfilled within 12 terms (4 years) of registration as a full-time or part-time master's student in accordance with Faculty of Graduate Studies' registration policies.

MASTER OF SCIENCE PROGRAM

ADMISSION REQUIREMENTS

Graduates with an honours degree or equivalent in digital media or related Bachelor's program from a recognized university, such as computer science, with at least a B average in the final two years of study, may be considered for admission as candidates for the MSc degree. Applicants are expected to provide a statement of interest letter, a portfolio, a *curriculum vitae*, and two letters of recommendation. Applicants must show that they have experience in the arts, and in particular a cross-disciplinary approach. Those whose formal background in the arts is incomplete will be required to take appropriate supplemental undergraduate courses in addition to required courses.

DEGREE REQUIREMENTS

Candidates for the MSc degree must fulfil the following requirements:

Degree by Coursework and Major Research Project

Students must successfully complete the following course requirements:

- ❖ **Digital Media 5010 3.0: Foundations of Digital Media;**
- ❖ **Digital Media 5020 3.0: Advanced Vertical Studio/Lab I;**
- ❖ **six credits** from a specified list of computer science graduate level courses; and,
- ❖ **six credits** at the graduate level, with Graduate Program Director/supervisor approval.

No more than **six credits** can be integrated with undergraduate courses.

Candidates for the MSc degree must complete **18 credits** and conduct a major research project under the general direction of a supervisor with a review essay that details and contextualizes the project. The Digital Media MSc is a research degree and projects are defined as a body of work similar to a thesis in quality, scope and/or degree of originality. Projects entail a public presentation and critique of the work, which could include an exhibition.

TIME REQUIREMENTS

Normal expected degree completion time for full-time MA students is 5 consecutive terms. All requirements for a master's degree must be fulfilled within 12 terms (4 years) of registration as a full-time or part-time master's student in accordance with Faculty of Graduate Studies' registration policies.

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

Applicants must have a masters degree or equivalent from a recognized university in a digital media or related program, such as computer science, or an art program that focuses on technology, with at least a B+ average. Applicants are expected to provide a statement of interest letter, a portfolio, a qualifying research paper or similar significant contribution to the field, a *curriculum vitae*, and two letters of recommendation. Applicants must show that they have experience in both computer science and the arts, and in particular a cross-disciplinary approach.

DEGREE REQUIREMENTS

Candidates for the PhD degree must fulfil the following requirements:

1. Courses

Students must successfully complete the following course requirements:

- ❖ **Digital Media 5020 3.0: Advanced Vertical Studio/Lab II;**
- ❖ **six credits** at the graduate level, with Graduate Program Director/supervisor approval; and,
- ❖ additional courses if assessed as deficient.

No more than **three credits** can be integrated with undergraduate courses.

An assessment is given at the beginning of the program to determine the student's ability to fulfill the degree requirements. If a student is deemed not ready then they may be asked to take courses to help in resolving any deficiencies.

2. Comprehensive Examination, Dissertation and Oral Examination

Candidates must successfully complete a comprehensive examination that tests proficiency in their major research field and demonstrates competence (including methodology) to continue to the dissertation, under guidance and assessment of supervisors; and hold an oral defence of the report; present a dissertation proposal outlining the research questions and anticipated results of their dissertation; conduct a significant body of original research or research-creation under the supervision of a supervisory committee; and submit a dissertation embodying its results. The doctoral dissertation must constitute a significant contribution to knowledge in the field of digital media. It should contain evidence of critical understanding of the relevant literature. The material embodied in the dissertation should merit publication.

TIME REQUIREMENTS

Normal degree completion time for full-time PhD students is 12 terms (4 years). All requirements for a doctoral degree must be fulfilled within 18 terms (6 years) of registration as a full-time or part-time doctoral student in accordance with Faculty of Graduate Studies' registration policies.

DISASTER & EMERGENCY MANAGEMENT

The Master in Disaster & Emergency Management is a unique program developed in response to the growing recognition of the urgent need for graduate level education in this new and important field. Business, industry, government and non-profit sectors increasingly recognize the necessity of having better educated planners and policy makers at senior levels who can bring to bear a sophisticated analytical perspective informed by current research.

The program takes both a theoretical and problem-oriented approach to Disaster & Emergency Management, exploring beyond simple cause and effect models to consider the complex interactions between environmental, social and technological systems. Students acquire the knowledge and understanding needed to pursue and enter a career in the field of disaster management, or to engage in more advanced studies. Studying on either a full-time or part-time basis in a flexible program that allows the pursuit of students' own areas of special interest, they learn from an impressive group of academics with expertise in areas like environmental risks and management, natural hazards, business continuity, emergency planning, decision-making, leadership, public health, humanitarianism, crisis management, war, and complex emergencies.

The program is intended for those with an academic background in emergency and disaster management as well as those aspiring to become disaster and emergency management professionals. It is designed to build on a student's existing foundational knowledge to develop knowledge needed for mid to senior level emergency managers. For applicants with nonstandard qualifications, opportunities exist to acquire this foundational knowledge before beginning the program.

MASTER IN DISASTER & EMERGENCY MANAGEMENT PROGRAM

ADMISSION REQUIREMENTS

To be considered for admission into York's Master in Disaster & Emergency Management program, candidates must have:

1. an Honours undergraduate degree program in Emergency Management or equivalent (typically a four-year full-time program) from an accredited post-secondary institution with a minimum grade point average of B+ in the final two years of study.

OR,

2. an Honours undergraduate degree program or equivalent (typically a four-year full-time program) from an accredited post-secondary institution with a minimum grade point average of B+ in the final two years of study with at least one of the following:

- a) certificate in the area of emergency management from a recognized university or a recognized professional granting body, with a minimum grade point average of B+;
- b) completion of a post-graduate College certificate in Emergency Management with a minimum grade point average of A from a recognized College program;
- c) completion of the following core undergraduate courses in emergency management offered by York University with a grade of no less than B+ in any course: Atkinson/Administration Studies 2700 3.0: Fundamentals of Emergency Management; Atkinson/

- Administration Studies 3701 3.0: Emergency Management: Hazard, Vulnerability and Risk Assessment; and Atkinson/Administration Studies 3702 3.0: Emergency Management: Mitigation, Preparedness, Response, Recovery or the equivalent;
- d) successful completion of a comprehensive exam on emergency management fundamentals administered by the Graduate Program in Disaster & Emergency Management;
- e) successful completion of the Liberal Arts & Professional Studies Administrative Studies Bridging 4799 0.0: "Short Course on Disaster & Emergency Management"; and/or,
- f) extensive experience in the emergency management field as assessed by the graduate admissions committee of the Disaster & Emergency Management program.

The graduate program admissions committee may recommend applicants to the Faculty of Graduate Studies for admission on condition that they complete specified courses in emergency management at the undergraduate level.

Proof of language proficiency is required for applicants who do not meet one of the following criteria:

- 1. their first language is English; OR
- 2. they have completed at least two years of full-time study at an accredited university in a country (or institution) where English is the official language of instruction.

A minimum score of 600 (paper based) or 250 (computer based) on the Test of English as a Foreign Language or a score of Band 1 or equivalent on the York English Language Test is required.

Applicants must submit a statement of intent outlining their interests and career goals in relation to a proposed area of study (approximately 500 words), two letters of recommendation and a résumé.

DEGREE REQUIREMENTS

MDEM Degree by Major Research Paper

The program is offered on a full-time and part-time basis. The recommended time to completion is 4 terms for full-time students and 8 terms for part-time students.

1. Courses

Students must successfully complete **30 course credits** including the following:

a) **Core** required courses: **6 credits**

Disaster & Emergency Management 5020 3.0: Disasters:

Concepts and Causes/Same as Environmental Studies 6401 3.0

Disaster & Emergency Management 5030 3.0: Social and Behavioural Dimensions of Disasters

b) **Six additional credits** in research methods:

Disaster & Emergency Management 5051 3.0: Quantitative Research Methods and **Disaster & Emergency Management 5052 3.0: Research Design and Qualitative Methods**,

or,

In consultation with the student's supervisor, an alternative **six credits** in research methods from other graduate programs in the Faculty of Graduate Studies.

c) **Twelve additional credits** selected in consultation with the student's advisor, six of which must be from courses within the Graduate Program in Disaster & Emergency Management. Other courses may be selected, in consultation with the student's advisor, from appropriate graduate courses offered across the university based on student's field of specialization including the following listed below. Normally these courses are from one of five broadly defined areas of study, as listed in the section MDEM degree by course work below.

2. Major Research Paper

Disaster & Emergency Management 6999 6.0

Candidates for the Master in Disaster & Emergency Management are required to write a major research paper on an approved topic. Topics can either be a critical evaluation and synthesis of the current state of knowledge and research within a defined area of study or may focus on a specific research topic in depth. Papers must comprise original material of a scholarly nature, demonstrate that the student is capable of independent research and critical analysis and be of publishable quality. The major research paper should be between 80-125 pages. The paper will be supervised by a full member of the graduate program and graded on a pass/fail basis by a committee composed of the student's supervisor and one other faculty member who has not been involved in the major research paper process.

MDEM Degree by Course Work

The program is offered on a full-time and part-time basis. The recommended time to completion is four terms for full-time students and eight terms for part-time students.

1. Courses

Students must successfully complete **30 course credits** including the following:

a) Core required courses: 6 credits

Disaster & Emergency Management 5020 3.0: Disaster Concepts and Causes/Same as Environmental Studies 6401 3.0

Disaster & Emergency Management 5030 3.0: Social and Behavioural Dimensions of Disasters

b) Three additional credits in research methods from either:

Disaster & Emergency Management 5051 3.0: Quantitative Research Methods or **Disaster & Emergency Management 5052 3.0: Research Design and Qualitative Methods**,

or,

In consultation with the student's supervisor, an alternative **three credits** research methods from other graduate programs in the Faculty of Graduate Studies.

c) **Twenty-one additional credits**, twelve of which must be from courses within the Graduate Program in Disaster & Emergency Management. Other courses may be selected, in consultation with the student's advisor, from appropriate graduate courses offered across the university based on student's field of specialization including the following listed below. Normally these courses are from one of five broadly defined areas of study.

Public Safety and Security

Disaster & Emergency Management 5060 3.0: Terrorism Studies 1
Disaster & Emergency Management 5070 3.0: Terrorism Studies 2

Environmental Studies 5068 3.0: Global Justice and Humanitarian Internationalism/Same as Environmental Studies 4312 3.0

Environmental Studies 6147 3.0: Humanitarian Crises

Political Science 6225 3.0: Critical Security Studies

Political Science 6220 3.0: Contemporary Security Studies: Regional Security and Conflict Management
Disaster & Emergency Management 6070 3.0: Disaster and Ethics

Environmental Issues and Disaster Management

Environmental Studies 5123 3.0: Environment and Behaviour
Environmental Studies 6146 3.0: Critical Theory of International Development

Environmental Studies 6175 3.0: Global Environmental Politics
Communication & Culture 6120 3.0: Culture and the Environment

Environmental Studies 6156 3.0: Critical Theory of International Development

Technology and Disaster Management

Earth & Space Science 5420 3.0: Advanced Geospatial Information Technology

Geography 5050 3.0: Geographical Information Systems and Spatial Analysis

Geography 5015 3.0: Remote Sensing & Image Processing for Geographical Analysis and Environmental Monitoring

Risk and Social Vulnerability

Environmental Studies 5068 3.0: Global Justice and Humanitarian Internationalism/Same as Environmental Studies 4312 3.0

Environmental Studies 5124 3.0: Development Studies

Environmental Studies 6137 3.0: Women, Development and Globalization

Environmental Studies 6147 3.0: Humanitarian Crises

Environmental Studies 6156 3.0: Critical Theory of International Development

Administrative Studies 6800 3.0: Global Mindsets and People Management

Sociology 6310 3.0: Environmental Sociology

Sociology 6315 3.0: Cultural Politics of Environment and Development II: Environmental Issues

Disaster & Emergency Management 6070 3.0: Disaster and Ethics

Disaster & Emergency Management 5010 6.0: Hazard Risk Analysis: Practical Experience Abroad

Natural and Technological Disasters

Disaster & Emergency Management 5010 3.0: Advanced Disaster and Emergency Management

Disaster & Emergency Management 5040 3.0: Natural Disasters

Disaster & Emergency Management 5710 3.0: Critical Infrastructure Protection

Disaster & Emergency Management 5080 6.0: Disaster and Emergency Management Practicum

Disaster & Emergency Management 5081 3.0: Applied Topics in Disaster and Emergency Management

Disaster & Emergency Management 5082 3.0: Medical and Public Health Issues for Non-Medical Personnel

EARTH & SPACE SCIENCE

The Graduate Program in Earth & Space Science, and its predecessors, is one of York University's founding graduate programs. The program is housed within the Department of Earth and Space Science and Engineering and is tightly connected with the Centre for Research in Earth and Space Science (CRESS), founded in 1965. For over half a century, faculty members and graduate researchers have combined talent from areas such as Earth science, atmospheric science, space science, physics, chemistry, mathematics, computer science, and more recently, planetary science, space engineering, and geomatics engineering, to attain novel scientific and engineering goals. Major impactful outcomes range from the development of numerous satellite payloads, to atmospheric forecasting models, to new understandings of Earth core dynamics.

Currently, our resources and experience are pooled in comprehensive, fundamental and applied, experimental, observational and theoretical research programs in remote sensing of the Earth's surface and atmosphere, atomic and molecular species that play important roles in the energetics of the Earth's atmosphere (in meteorology and aeronomy), other planetary atmospheres and surfaces, and a wide range of geospatial data collection, analysis and representation. Research is done in the following major areas:

- ❖ Atmospheric Science
- ❖ Geomatics and Earth Science
- ❖ Space Science and Engineering

Prospective MSc and PhD students and postdoctoral fellows find that the program's research programs provide an excellent vehicle for training, research, and experiential learning. Most of the program's faculty members are involved in significant industrial and/or public sector research projects, which afford outstanding learning and career advancement opportunities for our students. Students are involved in many terrestrial, unmanned aerial vehicle, aircraft, balloon, and upper atmosphere satellite studies of the Earth's surface and its atmosphere and planetary missions; and the design, development and testing of space instrumentation for Earth and planetary missions. Major specialized research equipment includes an attached two-dome astronomical observatory equipped with twenty-four and twelve-inch reflecting telescopes; a remote sensing lidar observatory; an aeronomy observatory; an airborne imaging spectrometer for remote sensing research; mass-spectrometer facilities; a 'chemical' heavy ion accelerator for ion-molecule reactions; laser facilities; microdensitometers; space environment test facilities; a microfabrication lab; multiple Earth remote sensing labs, GIS labs, and satellite and inertial navigation labs.

MASTER OF SCIENCE PROGRAM

ADMISSION REQUIREMENTS

Graduates with an honours degree, or equivalent, in chemistry, physics, pure or applied mathematics, astronomy, engineering, or engineering physics from a recognized university, with at least B standing (no lower than second class honours in an honours degree from a British University), may be admitted as candidates for the MSc degree, which normally requires at least 12 months to complete.

DEGREE REQUIREMENTS

MSc Degree by Thesis

Candidates for the MSc degree by thesis must fulfil the following requirements:

1. Courses

In addition to successfully completing the required **Research Evaluation** courses **Earth & Space Science 6030 3.0**, candidates must successfully complete two full graduate courses (**12 credits**), or equivalent of which up to **three credits** may be from the **Research Evaluation** courses **Earth & Space Science 6030 3.0**. Students may be required to take a further half-course, if the supervisory committee determines that this is necessary to strengthen a student's background in the thesis area.

2. Thesis and Oral Examination

a) All entering candidates plan a research program with their supervisor at the start of their degree studies, and conduct the research under the general direction of their supervisor and supervisory committee and describe it in an appropriate thesis. The research and thesis should demonstrate the candidate's research ability in the area of investigation. After the formal submission of the thesis, an oral examination, centred on the thesis-research, is held. Prior to the oral examination each candidate delivers a formal lecture on her or his research work.

b) Research progress is monitored by meetings of the supervisory committee with the candidate and by an annual progress report consisting of a written paper and a public oral presentation normally in May or June. Satisfactory progress results in credit for **Earth & Space Science 6030 3.0 (Research Evaluation)** and a statement of the candidate's progress in the candidate's record. In the event of failure to achieve satisfactory progress the student will normally be required to withdraw from the program.

MSc Degree by Coursework and Research Exercise

Candidates for the MSc degree may take the three courses and research exercise option instead of the thesis option on the recommendation of the Graduate Program Director. The requirements are:

1. Research Exercise Option

Candidates must successfully complete three full courses and must also conduct an exercise in research procedures and report on it in an appropriate manner. The selection of graduate courses and of the topic of the research exercise must be arranged in consultation with the Graduate Program Director.

2. Four Course Option

Candidates must successfully complete four graduate courses selected in consultation with the Graduate Program Director.

LANGUAGE AND COGNATE REQUIREMENTS

There is no foreign language requirement for the MSc degree but candidates must give satisfactory evidence to the Graduate Program in Earth & Space Science of an ability to program and use electronic digital computers for the solution of non-trivial scientific problems. English proficiency requirements, where applicable, can be found at <https://futurestudents.yorku.ca/graduate>

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

Graduates with a master's degree in chemistry, physics, pure or applied mathematics, astronomy, engineering, or engineering

physics from a recognized university, with at least B standing, may be admitted as candidates (PhD I) in a program leading to the PhD degree. On the average, candidates with a BSc degree, or equivalent, may expect to spend three to five years to complete the requirements for the PhD degree. Graduates with an honours degree in chemistry, physics, pure or applied mathematics, astronomy, engineering, or engineering physics may be considered for admission to the program leading to the PhD degree. However, such graduates must first register as candidates for the MSc degree. If their progress is satisfactory they may be transferred into the PhD program and advanced in status to candidates (PhD I) for the PhD degree, after one year, and on the recommendation of their research supervisor and the Graduate Program Director.

DEGREE REQUIREMENTS

Candidates (PhD I & II) for the PhD degree must fulfil the following requirements:

1. Courses

Candidates must successfully complete three full graduate courses, or equivalent, including two required Research Evaluation courses: **Earth & Space Science 6030 3.0** and **Earth & Space Science 7030 3.0**.

A credit for two full courses, including fulfillment of the **Earth & Space Science 6030 3.0: Research Evaluation** course requirement, may be granted normally to candidates who hold an MSc degree from York University or another recognized university. Candidates granted credit for two full courses as outlined above must successfully complete **Earth & Space Science 7030 3.0** and one other half course (which may not include **Earth & Space Science 6030 3.0**).

In addition to the requirements outlined above, candidates may be required to take a further half course, if the supervisory committee

determines that this is necessary to strengthen a candidate's background in the thesis area.

2. Dissertation and Oral Examination

a) All entering candidates (PhD I) plan a research program with their supervisor at the start of their degree studies, and must successfully complete a significant piece of research, under the general direction of a supervisor and a supervisory committee, in one of the six major areas offered by the program, and describe it in an appropriate dissertation. The research must be of such a standard that it will be acceptable for publication in the scientific literature. After the formal submission of the dissertation, an oral examination is held, centred on the dissertation-research. As part of the oral examination exercises candidates deliver a formal lecture on their research work after which they meet with their examiners.

b) Research progress is monitored by meetings of the Supervisory Committee with the candidate and by an annual progress report consisting of a written paper and a public oral presentation normally in May or June. Satisfactory progress results in credit for **Earth & Space Science 7030 3.0 (Research Evaluation)** and a statement of the candidate's progress in the candidate's record. In the event of failure to achieve satisfactory progress the candidate will normally be required to withdraw from the program.

LANGUAGE AND COGNATE REQUIREMENTS

A candidate (PhD I & II) must give satisfactory evidence to the Graduate Program in Earth & Space Science of an ability to program and use electronic digital computers for the solution of non-trivial scientific problems, or, with the permission of the Graduate Program Director, may give satisfactory evidence of an ability to translate scientific literature from a foreign language. English proficiency requirements, where applicable, can be found at <https://futurestudents.yorku.ca/graduate/programs/earth-and-space-science>

ECONOMICS

The Graduate Program in Economics offers courses and research opportunities leading to MA and PhD degrees.

MASTER OF ARTS PROGRAM

ADMISSION REQUIREMENTS

All applicants must have a four-year Honours baccalaureate degree (with at least a B average in the final two years) and must have successfully completed:

- i) one term of university level courses in Linear Algebra, Calculus, Statistics and Econometrics (**3 credits** each—half courses),
and
- ii) two term courses in Intermediate Microeconomics and Intermediate Macroeconomics (**6 credits** each—full courses).

Applicants may be required to successfully complete preparatory courses, to be taken at the undergraduate level, prior to being admitted.

Other Regulations

Applicants who are asked to present evidence of competence in English should note that minimum scores are: Test of English as a Foreign Language 575, and Michigan English Language Test 88. There are no other language requirements.

DEGREE REQUIREMENTS

There are two general requirements for the master's degree: a Mathematics cognate requirement and graduate program courses. Students are expected to complete all degree requirements in two academic terms.

1. Mathematics Cognate Requirement

Students must demonstrate competence in Calculus, Linear Algebra, and Statistics by enrolling in **Economics 5000 0.0: Mathematics Cognate** and obtaining a passing grade. The Mathematics cognate requirement will not be included among the eight half-courses required for the master's degree.

❖ *Note: This course is evaluated as a Pass/No Pass course and is not to be included as part of the 24 credits required.*

Attendance in the classes, which are offered in August, is highly recommended but not compulsory. The course exam which is scheduled at a date near the beginning of the Fall term must be passed by all master's students.

2. Courses

Master's students must satisfactorily complete eight graduate half-courses (or equivalently **24 credits**) selected in consultation with the Graduate Program Director. Specific program course requirements are described below in (i) through (iv).

- i) a Microeconomics course requirement of one of the following course options (A) or (B) as described below:
(A) **Economics 5010 3.0 OR (B) Economics 5100 3.0 and Economics 6100 3.0;**
- ii) a Macroeconomics course requirement of one of the following options (C) or (D) as described below:
(C) **Economics 5011 3.0 OR (D) Economics 5110 3.0 and Economics 6110 3.0;**

- iii) an Econometrics course requirement of one of (E) or (F) as described below:

(E) **Economics 5025 3.0 OR (F) Economics 6220 3.0 and Economic 6250 3.0;**

- iv) students may take one elective half course (**3 credits**) from a graduate program outside Economics.

Students who plan to proceed to a PhD program in Economics are advised to select options B, D and F above.

At the date of entering the program, MA candidates should verify requirements and plan their courses in consultation with the Graduate Program Director during the advising session.

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

Applicants must normally have completed a master's degree in Economics which includes a B+ average and strong performance in the (core) area of Macroeconomics, Microeconomics and Econometrics.

Applicants may be asked to successfully complete preparatory courses prior to entry (or be admitted conditionally on entry).

Other Regulations

Applicants who are asked to present evidence of competence in English should note that minimum scores are: Test of English as a Foreign Language 575, and Michigan English Language Test 88. There are no other language requirements.

DEGREE REQUIREMENTS

There are five requirements for the doctoral degree:

1. Courses

Satisfactory performance is required in eight graduate half courses or seminars (**24 credits**) chosen with the approval of the Graduate Program Director. These courses must include **Economics 5100 3.0, Economics 5110 3.0, Economics 6220 3.0, Economics 6100 3.0, Economics 6110 3.0 and Economics 6250 3.0.**

In addition, a student must take **two** of the three courses, **Economics 7100 3.0, Economics 7110 3.0 and Economics 7220 3.0** during the first semester of the second year of the PhD.

Satisfactory performance is required in the PhD Research Seminar course, **Economics 7000 0.0** in each year of registration, starting from the second year.

2. Comprehensive Examinations

Satisfactory performance is required on written comprehensive examinations: one in Microeconomic theory, one in Macroeconomic theory, and one in Econometrics. Students have two attempts within the same term to pass the comprehensive exams. Two unsuccessful attempts result in withdrawal from the graduate program.

3. Research Paper

Students must successfully complete the preparation of one research paper (to be approved by the program).

4. PhD Research Seminar

Satisfactory performance is required in the PhD Research Seminar course, **Economics 7000 0.0** (non-credit) in each year of registration, starting from the second year.

5. Dissertation

Students must successfully complete a satisfactory dissertation.

All students should verify degree requirements at the time of registration. Each candidate's program of study and research is guided and approved by the Graduate Program Director. Candidates are sometimes encouraged to take selected courses outside Economics.

Students must successfully complete the Microeconomics, Macroeconomics, and Econometrics Theory comprehensive examinations within 12 months of enrolling in the program.

The doctoral program offers study in the following fields:

- ❖ econometrics
- ❖ monetary economics
- ❖ industrial organization
- ❖ international money and finance
- ❖ international trade
- ❖ applied economic theory

The comprehensive examination in the elected field is comprised of a research paper.

The research paper should be prepared (in consultation with a comprehensive exam supervisor and comprehensive examination committee) and may be regarded as a dissertation prospectus. By the end of the second year of enrolment in the PhD program a student should (a) be finished the theory comprehensive exams (b) have prepared a written research paper, to be presented to the program at a scheduled seminar date during the first month of the third year.

After the successful presentation of the research paper (pass), a dissertation committee should be formed, and a proposal should be submitted to the Faculty of Graduate Studies. A student should consult the graduate program office for regulations regarding dates and procedures for preparation of a proposal and subsequent dissertation.

EDUCATION: LANGUAGE, CULTURE AND TEACHING

The Graduate Program in Education at York University focuses on the study of language, culture and teaching broadly defined. The program is committed to interdisciplinary, rigorous intellectual inquiry based in critical engagement with diverse perspectives of education and educational research. Our scholarship is informed by social, historical and cultural contexts of education and contemporary practices of pedagogy, learning and curriculum. Our program's philosophy and curriculum are grounded in critical thought with an underlying commitment to social justice. We emphasize issues in and practices of equity, access and educational design. A range of opportunities to question meanings and practices of social difference including those based on race, ethnicity, sexuality, gender, class and ability are offered through our courses of study.

The MEd and PhD are research degrees. Admission to graduate study is based upon appropriate educational background and evidence of the candidate's preparedness and interest in deepening their understanding of education through disciplined inquiry. Students have the opportunity to work with faculty to define their program of study selecting from and synthesizing areas of faculty research and teaching including: anti-racist, feminist and multicultural pedagogies; literacy, sociolinguistics and second language learning; mathematics, science education and new information technologies; early childhood, higher and community-based education; urban, ecological, arts-based and /or disability education.

Flexibility is key. Within the program, students can focus on areas of educational practices and/or theoretical orientations to particular issues and problems, and on research concerns encompassing classrooms, other educational contexts, or study of young children, youth and adults.

Decisions regarding a plan of study are made in consultation with faculty in regular advising sessions. The program is distinguished by small classes, individual attention, and opportunities to meet and collaborate with peers. Courses are designed to engage with current research in educational theories and practices from psychoanalysis to institutional ethnography; in conceptual, qualitative, historical and/or quantitative research; and in the dynamics of social and educational change.

All candidates engage in both course work and independent research. Master's candidates write a thesis, complete a major research project or do only coursework. Doctoral candidates' work culminates in the writing of a dissertation. There are also opportunities to engage in independent study and to work with faculty on their research projects. Our program offers the opportunity for full and part-time study. Teaching assistantships and/or research assistantships are available for full-time graduate students.

The specific objectives of the graduate program exist within the mission of York University. Excerpts from the Mission Statement with particular relevance to this program include but are not limited to the following: we focus on "the pursuit, preservation, and dissemination of knowledge... We test the boundaries and structures of knowledge. We cultivate the critical intellect... York University is part of Toronto: we are dynamic, metropolitan and multicultural.... We value diversity... A community of faculty, students and staff committed to academic freedom, social justice, accessible education,

and collegial self-governance, York University makes innovation its tradition." (Academic Planning Documents, September 2001).

This program **does not** lead to teaching certification.

MASTER OF EDUCATION PROGRAM ADMISSION REQUIREMENTS

Normally, applicants are required to have an acceptable undergraduate degree with at least a B+ average. Applicants are also required to submit:

- ❖ Faculty of Graduate Studies' admissions application form;
 - ❖ two official copies of transcripts of all postsecondary education;
 - ❖ three letters of academic reference (preferably two should be from university faculty members. However, professional referees may be submitted if the applicant is unable to provide two references from university faculty members);
 - ❖ a résumé or *curriculum vitae*;
 - ❖ statement of interest (a minimum of 500 words in length) outlining how graduate studies in education might serve the applicant's academic and/or professional interests, and what is of interest to the applicant in the graduate program; and,
 - ❖ one sample of written work (e.g., a paper demonstrating how the applicant works with a body of literature or builds an argument; typically, the sample paper is from a university course completed within the past five years).
- ❖ *Note: If the applicant is unable to provide a sample of written work, then the applicant should provide an extended statement of interest not to exceed 1500 words.*

Application files are assessed on the basis of the information contained within the file as a whole. Consideration is given to the combined profile of demonstrated academic standing, professional background and experience, potential to pursue and benefit from graduate studies, and compatibility of interests between the applicant and the Graduate Program in Education: Language, Culture and Teaching.

If there are any questions about the application process/requirements, applicants should contact the graduate program office at gradprogram@edu.yorku.ca or (416) 736-5018.

DEGREE REQUIREMENTS

Candidates for the MEd degree select one of the following options:

1. a thesis and a **minimum of 12 credits (four 3-credit course equivalents)**; OR
2. a major research project and a **minimum 18 credits (six 3-credit course equivalents)**; OR
3. coursework only: a **minimum of 24 credits (eight 3-credit course equivalents)**.

For all of the options, candidates may take the equivalent of **6-credit** course outside their area of specialization (*i.e.*, in other graduate programs at York University, or in a graduate program at another university), **with prior approval of the candidate's advisor and the Faculty of Graduate Studies.**

Thesis and Oral Examination

The supervisory committee consists of a minimum of two members

from the Faculty of Graduate Studies, at least one of whom must be from the Graduate Program in Education, and who serves as the principal supervisor. In exceptional circumstances, and with the prior approval of the Dean, one additional member may be appointed who is not a member of the Faculty of Graduate Studies.

Under the guidance of the supervisory committee the candidate makes a contribution to the knowledge of their area of specialization, embodying original, independent, applied scholarship. (This contribution may take the form of research based on data collection and analysis; a comprehensive, critical review and analysis of the literature in a field; the development of a theoretical position, a critique of curriculum materials or of some policies and practices in the field, or some combination of the foregoing).

After the formal submission of the thesis, an oral examination focuses on the thesis and matters related to it. The oral examination is conducted in keeping with regulations of the Faculty of Graduate Studies for more details:

<http://gradstudies.yorku.ca/current-students/thesis-dissertation>.

Research Projects and Oral Evaluation

Under the guidance of a supervisor and a reader, the candidate completes a research project which is equal to a thesis in academic quality but which may be more limited in scope and/or degree of originality. The research project may take a variety of forms, such as a critical review of the literature on a topic of interest; an essay that explores a theoretical position; a research study of either a qualitative or quantitative nature; or a curriculum or program development project. After the formal submission of the research project, an oral evaluation focuses on the context and implications of the work.

Enrolment and Residency Regulations

There is no residency requirement for the Master of Education program. Both full-time and part-time study options are available. Candidates must maintain continuous registration. Candidates must register and pay tuition fees until all degree requirements are met. There are three terms in an academic year: Fall, Winter, Summer. Full-time MEd students must be registered for a minimum of three terms before graduation; part-time MEd students must be registered for a minimum of six terms before graduation. The time limit for completion of the MEd program is four years (12 terms) from a candidate's entry into the program. The maximum period of full-time study for MEd candidates cannot exceed six terms, after that the candidates' status changes to part-time. The time limit for completion of the MEd program is four years from a candidate's entry into the program. The maximum period of full-time study for MEd candidates cannot exceed six terms; after that, the candidate's status changes to part-time. The maximum period of part-time study for MEd candidates cannot exceed 12 terms.

MASTER OF LEADERSHIP & COMMUNITY ENGAGEMENT

The Master of Leadership & Community Engagement (MLCE) provides diverse opportunities for students to: deepen understandings of leadership, community, policy processes, and community engagement; develop professional leadership and communication skills; and become astute users of university and community-based research. It is a professional degree that prepares graduates to take on leadership roles with a focus on community engagement and innovation. The program is designed for candidates who are typically working in educational contexts, community organizations, and other public sector areas, including nurse educators, child and youth

workers, librarians, arts, culture and recreation administrators among others.

Candidates participate in blended and online coursework and two community-based placements. The program focuses on leadership, policy, program design and evaluation, community engagement, and social justice, and it draws on the multidisciplinary experiences of those in the class in order to develop a professional network of practitioners.

DURATION OF PROGRAM

Candidates in the MLCE are required to accumulate 24 credits by successfully completing eight courses in the order specified by the program. The program is offered over five terms, normally beginning with the summer session. During summer terms candidates complete blended courses (*i.e.*, meet face-to-face and online), and over the fall and winter terms they complete courses online including two community-based placements. In term four, candidates complete one blended course and in the fifth term candidates complete a course in which they design and present a capstone project representative of their learning across the degree as part of their course requirements.

ADMISSION REQUIREMENTS

Normally, applicants are required to have an undergraduate degree from a recognized university with at least a B+ average and relevant work experience. Applicants are also required to submit:

- ❖ Faculty of Graduate Studies' admissions application form;
- ❖ an official copy of transcripts of all post-secondary education;
- ❖ three letters of reference (at least one should be from a university faculty member; however, professional referees may be used if the applicant is unable to provide references from university faculty members);
- ❖ a résumé or curriculum vitae that highlights work experience relevant to the program;
- ❖ a statement of interest (minimum 500 words in length) outlining how the Master of Leadership & Community Engagement will build on the applicant's relevant work experience and serve the applicant's professional interests;
- ❖ one sample of written work (*e.g.*, a paper demonstrating how the applicant works with a body of literature or builds an argument; typically, the sample paper is from a university course completed within the past five years. It could also be a report, a presentation, an article, or other piece of professional writing).
 - ❖ *Note: If unable to provide a sample of written work, the applicant should provide an extended statement of interest not to exceed 1500 words; and,*
- ❖ proof of English language proficiency (for international applicants; as per FGS regulations). Acceptable language tests and scores include the following: York English Language Test—overall band 1-5; Test of English as a Foreign Language 220 (paper based: 560; iBT: 83) International English Language Testing System—6.5. Students who have completed at least one year at an accredited university in a country (or institution) where English is the official language of instruction may be exempt from this requirement.

Application files are assessed on the basis of the information contained within the file as a whole. Consideration is given to the combined profile of demonstrated academic standing, professional background and experience, potential to pursue and benefit from graduate studies, and compatibility of interests between the applicant and the Master of Leadership & Community Engagement.

If there are any questions about the application process/requirements, applicants should contact the Graduate Program Office at (416) 736-5018.

ALTERNATIVE ADMISSION

Alternative educational degrees (*e.g.*, successful completion of a college-level degree program in combination with relevant professional training) may be considered as equivalencies for the purpose of meeting entry-level requirements.

DEGREE REQUIREMENTS

Candidates for the MLCE degree must successfully complete the eight required courses. Normally the courses are offered in the following sequence:

SUMMER (TERM 1) BLENDED

Education 7000 3.0: Critical Issues in Leadership and Community Engagement

Education 7005 3.0: Engaging Research in Professional Practice

FALL (TERM 2) ONLINE

Education 7010 3.0: Enacting Leadership and Policy

Education 7015 3.0: Experience-based Inquiry I

WINTER (TERM 3) ONLINE

Education 7020 3.0: Initiatives in Program Design, Interpretation, and Evaluation

Education 7025 3.0: Experience-based Inquiry II

SUMMER (TERM 4) BLENDED

Education 7030 3.0: Current Practices in Community Engagement and Innovation

FALL (TERM 5) BLENDED

Education 7035 3.0: Leadership and Community Engagement Capstone Project

DOCTOR OF PHILOSOPHY PROGRAM ADMISSION REQUIREMENTS

In addition to meeting standard Faculty of Graduate Studies requirements, applicants to the doctoral program in Language, Culture and Teaching will have undertaken a master's level program (with a B+ average) including a component based on original research at a recognized university. Applicants must submit evidence of relevant professional preparation and/or personal and career experience.

Applicants are required to submit a file of their academic, career, and life experience for admission to the doctoral program. This file shall consist of:

- ❖ Faculty of Graduate Studies admissions application form;
- ❖ two official copies of transcripts of all postsecondary education;
- ❖ three letters of reference (at least two must be from academic referees; the other may be from a professional referee);
- ❖ a curriculum vitae;
- ❖ a statement of area of interest with a discussion of intended research; and,
- ❖ two samples of written work.

Applicants of interest to the program may be interviewed in the final stages of selection. This interview will be arranged at the convenience of both the program and the applicant. The purpose of the interview is to assess the overall suitability of applicants and

to determine if there are faculty members available in their area of research interest. Final admission will be offered to applicants only if faculty supervisorship is available.

DEGREE REQUIREMENTS

The doctoral program has three components: the satisfaction of course requirements, a comprehensive examination, and the defence of a doctoral dissertation which demonstrates independence, originality, and the ability to contribute to the knowledge in the field at an advanced level of conceptualization and investigation.

Course Requirements

Candidates will undertake a program of studies of a minimum of 21 credits plus a doctoral dissertation as detailed below.

Required Courses

1. Education 5100 6.0: Research and Issues Seminar in Language, Culture and Teaching

2. A compulsory research methods course beyond the introductory graduate level of at least 3.0 credits (students lacking prerequisites must enrol in an introductory graduate level course as an addition to their program requirements. Equivalence of previous methods courses will be determined by the faculty supervisor in consultation with the Graduate Executive Committee).

Elective Courses

A minimum of four 3-credit courses (12.0 credits) or equivalent chosen from among the following:

- ❖ the formal course offerings of the graduate program in Education;
- ❖ courses in allied disciplines chosen from among the offerings of other graduate programs at York University;
- ❖ courses in allied disciplines, to a maximum of one full course or equivalent, at other institutions; and,
- ❖ negotiated studies courses: Student Initiated Collaborative Inquiry, Directed Readings, Practicum Seminar (the content and weighting of negotiated studies courses must be determined by the faculty mentor and approved by the Graduate Executive Committee).

Dissertation Proposal/Comprehensive Examination

The public defence of the dissertation proposal serves as the comprehensive examination.

The dissertation proposal offers students the opportunity to engage in academic inquiry that focuses the conceptual work of their PhD program within the field of Language, Culture and Teaching. The proposal draws from the student's coursework, their reading in literature relevant to or touching on their dissertation topic, and their discussions with their supervisor and supervisory committee.

Prior to the beginning of the process, candidates must choose a willing supervisor and, in conjunction with the supervisor, select two other graduate faculty members who agree to be part of the supervisory committee (which acts as the examining committee for the dissertation proposal/comprehensive examination).

Typically, the public defence of the examination is held within six months of, and no more than one year, from the end of the candidate's coursework.

Successful completion of the written proposal, approval of the dissertation proposal by the supervisory committee, and the public defence of the dissertation proposal qualifies the candidate to proceed with their dissertation research.

Dissertation Defence

The Faculty of Graduate Studies specifies the regulations for the doctoral dissertation oral examination.

Enrolment Regulations

Both full-time and part-time study options are available. Candidates must maintain continuous registration. Candidates must register and pay tuition fees until all degree requirements are met successfully. The time limit for completion for the PhD program is six years from a candidate's entry into the program.

**GRADUATE DIPLOMA IN EARLY
CHILDHOOD EDUCATION**

Please see the Early Childhood Education graduate diplomas section in this *Calendar*.

**GRADUATE DIPLOMA IN EDUCATION IN
URBAN ENVIRONMENTS**

Please see the Education in Urban Environments graduate diplomas section in this *Calendar*.

**GRADUATE DIPLOMA IN
ENVIRONMENTAL/SUSTAINABILITY
EDUCATION**

Please see the Environmental/Sustainability Education graduate diplomas section in this *Calendar*.

**GRADUATE DIPLOMA IN LANGUAGE &
LITERACY EDUCATION**

Please see the Language & Literacy Education graduate diplomas section in this *Calendar*.

**GRADUATE DIPLOMA IN MATHEMATICS
EDUCATION**

Please see the Mathematics Education graduate diplomas section in this *Calendar*.

**GRADUATE DIPLOMA IN
POSTSECONDARY EDUCATION:
COMMUNITY, CULTURE & POLICY**

Please see the Postsecondary Education graduate diplomas section in this *Calendar*.

ELECTRICAL ENGINEERING & COMPUTER SCIENCE

The Graduate Program in Electrical Engineering & Computer Science offers the degrees of Master of Science (MSc), Master of Applied Science (MASc) and Doctor of Philosophy (PhD). The MSc program covers Computer Science. The MASc program concentrates on Computer Engineering and Electrical Engineering. The PhD program covers Computer Engineering, Computer Science, Electrical Engineering and Software Engineering.

MASTER OF SCIENCE PROGRAM

ADMISSION REQUIREMENTS

Graduates with an honours degree in Computer Science or equivalent, with at least a B+ average in the last two years of study, may be admitted as candidates for the Masters of Science program in computer science. In addition, those admitted must have completed the equivalent of a senior-level course in the area of theoretical computer science. The following are the minimum English Language test scores (if required): Test of English as a Foreign Language 577 (paper-based) or 90-91 (Internet-based), International English Language Testing System 7, or York English Language Test 4. The Graduate Record Examination general test is strongly recommended, especially for applicants who studied outside of Canada and/or the United States.

DEGREE REQUIREMENTS

Students are expected to choose between the degree by thesis or by project or by Artificial Intelligence specialization before the end of their second term. There is a breadth requirement on the selected graduate courses. At least one course must be from each of the following three areas:

- ❖ Theory of Computing & Scientific Computing
- ❖ Artificial Intelligence & Interactive Systems
- ❖ Systems: Hardware & Software

No more than one-third of the course requirements can be integrated with undergraduate courses.

MSc Degree by Thesis

Candidates for the MSc degree must complete five graduate three-credit courses and successfully defend a master's thesis. Candidates must conduct a piece of approved research under the general direction of a supervisor. The resulting thesis should demonstrate the Candidates' research ability in the research subject.

MSc Degree by Project

Candidates for the MSc degree must complete seven graduate three-credit courses and conduct a research project. The research project will have a more limited scope and/or degree of originality than a thesis. The project is under the general direction of a supervisor. A paper describing the project must be submitted and graded by the supervisory committee.

MSc Degree by Artificial Intelligence Specialization

Candidates for the MSc degree must successfully complete:

Philosophy 5340 3.0

AND three courses from the following list:

Electrical Engineering & Computer Science 5326 3.0, 5327 3.0, 6127 3.0, 6327 3.0, 6412 3.0

AND two other courses from the following list:

Electrical Engineering & Computer Science 5323 3.0, 5324 3.0, 5326 3.0, 5327 3.0, 6127 3.0, 6322 3.0, 6323 3.0, 6325 3.0, 6327 3.0, 6328 3.0, 6332 3.0, 6333 3.0, 6340 3.0, 6390A 3.0, 6390D 3.0, 6412 3.0, 6414 3.0.

Candidates must also conduct a research project that applies Artificial Intelligence to a practical problem under the supervision of faculty members and in collaboration with partners in the private or public sector.

TIME REQUIREMENTS

Students are expected to complete all of their master's degree requirements in no more than five terms (twenty months).

For more details refer to the program's supplemental calendar.

MASTER OF APPLIED SCIENCE

PROGRAM

ADMISSION REQUIREMENTS

Graduates with an honours undergraduate degree or equivalent (typically a four-year program with full-time enrolment) from an accredited university in electrical or computer engineering, with at least a B+ average in the last two years of study, may be admitted as candidates for the Master of Applied Science program in electrical and computer engineering. In addition, those admitted must have completed the equivalent of a senior-level project course or thesis in electrical or computer engineering. Significant industrial or research experience in electrical or computer engineering coupled with an honours undergraduate degree program or equivalent from an accredited university will be considered equivalent to an undergraduate electrical or computer engineering thesis. The following are the minimum English Language test scores (if required): Test of English as a Foreign Language 577 (paper-based) or 90-91 (Internet-based), International English Language Testing System 7, or York English Language Test 4. The Graduate Record Examination general test is strongly recommended, especially for applicants who did their studies outside of Canada and/or the United States.

DEGREE REQUIREMENTS

Candidates for the MASc degree in electrical and computer engineering must complete three graduate three-credit courses, a full-year, six-credit research project course (**Electrical Engineering & Computer Science 6400 6.0**) and write and successfully defend a master's thesis. The **Electrical Engineering & Computer Science 6400 6.0** project must be distinct from course assignments and the MASc thesis.

There is a breadth requirement for selected graduate courses. At least one course must be from two of the three fields of specialization: computer systems engineering, electrical engineering and interactive systems engineering. No more than one course integrated with an undergraduate course can be used to satisfy degree requirements.

A candidate must conduct approved thesis research that demonstrates their ability in the selected field of specialization under the general direction of a supervisor. Typically, the thesis includes a practical

demonstration or implementation of the research work undertaken. For more details refer to the program's supplemental calendar.

TIME REQUIREMENTS

Students are expected to complete all of their master's degree requirements in no more than five terms (twenty months). For more details refer to the program's supplemental calendar.

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

Applicants must have a master's degree in computer engineering, computer science, electrical engineering, software engineering, or closely related field, which is equivalent to the MSc degree in computer science (thesis option) or the MASc degree in Electrical and Computer Engineering at York University. A minimum average grade of B+ on all course work is required. Applications must include official copies of all academic transcripts, an extended abstract/copy of the MSc or MASc thesis, three letters of reference and a one-page statement of purpose and previous experience. The statement of purpose should indicate the applicant's area(s) of interest. The following are the minimum English language test scores (if required): Test of English as a Foreign Language 577 (paper-based) or 90-91 (Internet-based), International English Language Testing System 7, or York English Language Test 4. For applicants to the fields of Computer Engineering, Computer Science and Software

Engineering, the Graduate Record Examination general test is strongly recommended, especially for applicants who did their work outside of Canada and the United States.

DEGREE REQUIREMENTS

Candidates for the PhD degree must complete at least three three-credit graduate courses. No more than one-third of the course requirements can be integrated with undergraduate courses. Candidates must successfully complete a qualifying examination consisting of a written report on the candidate's field of interest and have an oral defence of the report. Candidates must present a dissertation proposal outlining the anticipated results of their dissertation. Each term candidates must attend departmental seminars. Each fall and winter term, candidates must attend one professional development seminar. Candidates must complete either an industrial internship or a teaching practicum. Candidates must conduct a significant body of original research under the supervision of a supervisory committee and successfully defend the resulting dissertation in their field of interest.

TIME REQUIREMENTS

Students are expected to complete their requirements in no more than four years. Courses must be completed within three terms. The qualifying examination must be completed within five terms. The dissertation proposal must be completed within eight terms.

ENGLISH

The Graduate Program in English at York University offers courses in the traditional periods and areas in English language and literature. Fields within the program are Medieval, Renaissance, Restoration and Eighteenth Century, Romantic, Victorian, Modern, Contemporary, Canadian, American, Post-Colonial, Critical Theory, and Women and Literature.

Most courses offer interdisciplinary and transdisciplinary approaches to the study of literature, and so broaden and deepen students' overall knowledge. Candidates undertaking a thesis/dissertation are advised to then specialize in an area of concentration or research. The subject need not, however, be related to the courses which the candidate is taking. Generally, the aim of the program is to combine training in scholarly and critical skills with a broadly humanistic appreciation of the role of literature in society.

MASTER OF ARTS PROGRAM

ADMISSION REQUIREMENTS

Graduates with an honours degree in English, or its equivalent, with a clear B+ average and at least a B+ in English and Humanities courses in the last two years of study may be admitted as candidates for the MA degree. Preference is given to graduates with A+ and A averages, superior letters of recommendation, and compelling statements of interest and writing samples.

DEGREE REQUIREMENTS

MA Degree by Thesis

Candidates for the MA degree by thesis must fulfil the following requirements:

1. Courses

12 credits or equivalent, chosen from offerings at the **6000**-level by the Graduate Program in English. With permission, up to **6 credits** may be taken at the **6000**-level in courses offered by another graduate program.

2. Thesis and Oral Examination

Candidates must submit a thesis based on original research organized in appropriate thesis form. It should demonstrate the candidate's independence, originality, and understanding of the area of investigation. Candidates should consult the MA Handbook on the Graduate Program in English's website for further details. After the formal submission of the thesis, an oral examination conducted by an internal and external examiner and centred on the thesis and matters related to it, is held.

MA Degree by Research Paper

Candidates for the MA degree by research paper must fulfil the following requirements:

1. Courses

18 credits or equivalent, chosen from offerings at the **6000**-level by the Graduate Program in English. With permission, up to **6 credits** may be taken at the **6000**-level in courses offered by another graduate program.

2. Research Paper

Candidates must undertake research under the direction of an English graduate program faculty member on an approved topic and write

an extensive research paper of about 60 pages, incorporating this research. The paper will be graded by the faculty member directing the research and by a second reader.

MA Degree by Coursework

Candidates for the MA degree by coursework must fulfil the following requirements:

1. Courses

24 credits or equivalent, chosen from offerings at the **6000**-level by the Graduate Program in English. With permission, up to **6 credits** may be taken at the **6000**-level in courses offered by another graduate program.

COGNATE REQUIREMENTS

All candidates must give evidence of facility in literary and research methods. To meet this requirement, candidates must attend the Literary and Research Methods Seminar which is graded pass/fail and is not for credit, or must submit proof of having completed a similar requirement elsewhere. The seminar consists of facility in literary research methods suited to digital archives and databases as well as practice using appropriate writing software for preparing large documents. Students must attend the Literary Research Methods seminar which consists of fifteen seminar hours of instruction in relevant research and software skills, and two assignments geared to the student's level of study (MA or PhD) and research interests. Assignments are evaluated by the course director.

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

The normal qualification for admission to the PhD program is the York MA degree in English or its equivalent with at least a B+ average and undergraduate provisions as required for the master's degree. Candidates will be expected to enter with a reasonable knowledge of the full range of studies in English literature and language.

DEGREE REQUIREMENTS

Candidates for the doctoral degree must fulfil the following requirements:

1. Courses

Successful completion of **18 credits**, or equivalent, of which normally at least **12 credits** are taken in the PhD I year, and the remaining in the PhD II year. Remaining credits should be completed by end of the PhD II year. With permission, up to **6 credits** may be taken at the **6000**-level in courses offered by another graduate program within or outside York University.

All PhD candidates are required to demonstrate some acquaintance with pre-1798 writing. This may be done either:

- by presenting evidence of successful completion of a full course, or equivalent, based on pre-1798 writings at the MA level, or,
- by successful completion of at least **3 credits** based on pre-1798 writings during the PhD I or PhD II years.

2. Comprehensive Examinations

Before embarking upon the writing of a dissertation, candidates must pass a major field examination and a dissertation sub-fields

examination. Examination regulations are outlined in the program handbook available on the Graduate Program in English website. The examinations are given in May, September, and December each year.

Candidates take the first of these examinations before the end of term five, in the second year, and the second examination normally follows by the end of term seven, in the third year. Candidates are required to pass written and oral examinations in the major field examination and an oral examination only in the dissertation sub-field. The examinations are assessed by specialists in the field. Candidates will be expected to demonstrate a sophisticated familiarity with the corpus of texts comprising the field, together with its history and salient critical issues (or, when appropriate, to display a sophisticated mastery of methodological practice). The examiners' assessment, including any conditions that they impose, are conveyed by the chief examiner to the candidate. Conditions may involve retaking part of the examination, or taking additional courses in the PhD III year, or both. Students may try the comprehensive examinations two times only; two failures requires withdrawal from the program.

3. Dissertation Proposal Workshop

The material objective of this mandatory, pass/fail workshop is the production by each student of a dissertation proposal. While format may vary, students' proposal drafts are the focal texts each week for critical discussion. The workshop does not seek to circumvent or override committee supervision and requires supervisory committees to work with students as they draft their proposals in the seminar. The educational objective of the seminar is the development of a thought/writing process specific to proposing critical ideas in an academic format. Students are encouraged to write a clear and sufficiently detailed proposal outlining the topic, the context(s) in which it arises, the theory and methodology sustaining its research and elaboration, and its contribution to the field. The workshop also aims to have students internalise a form and logic of proposing intellectual ideas, their development and appropriate research methods, and the implications of those ideas for other purposes, such as grant applications, postdoctoral fellowships, and book prospectuses.

4. Dissertation and Oral Examination

After their examinations and the dissertation proposal workshop, candidates must conduct a research study and report the results in appropriate dissertation form. Candidates should consult the PhD Handbook available on the Graduate Program in English website for further details. After the formal submission of the dissertation, approved by the supervisory committee, an oral examination centred on the dissertation and matters related to it, is held. The examination is conducted by an external and an internal examiner, a representative of the Dean of Graduate Studies, and the supervisory committee.

5. Professional Workshops Program

Participation in this non-credit course is mandatory for all doctoral students. At strategic points in their doctoral studies, candidates will attend workshops focusing on topics relevant to their intellectual and professional development. New students will enrol in the PhD Workshops Program at the same time as they register for their first courses. Before graduating, students must attend **nine** different workshops:

- v. writing the dissertation proposal and research methods;
- vi. teaching strategies I: lecturing;
- vii. teaching strategies II: course design;
- viii. professionalization II: applying for jobs and postdoctoral fellowships;
- ix. the interview process.

The Professional Workshops Program is designed to help students complete their doctoral studies in an informed, timely and productive fashion. Each workshop is offered once a year. The PhD Workshops Program Coordinator advises students how to schedule their attendance effectively. As well, the Coordinator informs people about upcoming workshops and maintains the record of students' attendance. Registration at each workshop consists of signing in for the session and completing an exit survey.

LANGUAGE REQUIREMENTS

Any student of English Literature beyond the MA level must have some working competence (reading comprehension/translation) in one language other than English. By the end of their fifth term, all PhD students are required to demonstrate a reading knowledge of French (or of a language other than English demonstrably relevant to their approved course of study) in either of two ways:

- (a) passing the program's translation exam; or,
- (b) successful completion of the graduate courses **French 5712**

3.0: French Reading Course for Academic Purposes (Basic) and **French 5713 3.0: French Reading Course for Academic Purposes (Intermediate)**.

GRADUATE DIPLOMA IN WORLD LITERATURE

Please see the World Literature graduate diploma section in this *Calendar*.

- i. applying for funding;
- ii. current intellectual issues;
- iii. comprehensive examination;
- iv. professionalization I: presenting at conferences and getting published;

ENVIRONMENTAL STUDIES

With 50 years of experience in graduate education and a profound commitment to environmental and social justice, the Graduate Program in Environmental Studies contributes to solving some of the most pressing socio-environmental problems of our times. The Faculty of Environmental Studies has long recognized the importance of an interdisciplinary approach to understanding complex local and global problems. The Faculty prides itself on an interdisciplinary research approach to intertwined social, cultural, ecological, economic and political issues. The Faculty of Environmental Studies has developed master's and PhD programs offering the opportunity to examine a wide-range of issues within a dynamic, flexible and supportive structure. Such structure allows graduate students to bring their own interests to the program, where passions are nourished and encouraged with the guidance of dedicated faculty members and support personnel.

MASTER IN ENVIRONMENTAL STUDIES PROGRAM

The Master in Environmental Studies (MES) is an interdisciplinary program where students design their own unique area of concentration in conjunction with their faculty advisor. The program attracts candidates from a broad range of backgrounds including many who are in mid-career. Through an individualized plan of study and research paper, project, portfolio or thesis, students integrate theory and practice with the opportunity to identify and explore socio-environmental problems from an interdisciplinary perspective. The graduate program offers students the opportunity to:

- ❖ pursue their MES degree with a concentration on planning recognized by the Canadian Institute of Planners (and student membership to the Ontario Professional Planners Institute); or,
- ❖ integrate environmental studies and law through a four-year joint MES/JD program offered through the Graduate Program in Environmental Studies and Osgoode Hall Law School; or,
- ❖ complete a Graduate Diploma in Business & the Environment offered jointly with the Schulich School of Business; or,
- ❖ complete a Graduate Diploma in Environmental Sustainability/ Education offered jointly with the Graduate Program in Education; or,
- ❖ complete individually arranged concurrent graduate diplomas with other graduate programs at York University.

ADMISSION REQUIREMENTS

To be considered for admission to the MES program, an applicant must normally have an honours (four year) undergraduate degree from an accredited university with an academic standing of at least a "B+" or such factors as significant work or volunteer experience, or participation in other relevant activities, that are determined to be equivalent by the Faculty of Environmental Studies. Grade averages are assessed over the last two years (or full-time equivalent) of academic study.

Detailed attention is directed to the Statement of Interest. Preference is given to applicants with experience relevant to their proposed studies in the Faculty and whose chosen field of study is consistent with current Faculty activities.

Candidates for the MES/JD program must apply to and meet the entrance requirements of both the Graduate Program in Environmental Studies and Osgoode Hall Law School.

Applicants should review the admission requirements at <http://fes.yorku.ca/apply/mes> and/or contact fesinfo@yorku.ca.

DEGREE REQUIREMENTS

The MES degree normally requires six continuous terms of full-time study. Students must successfully complete a minimum of 36 credits of coursework in addition to the research requirement (whether it be a major paper, major project, major portfolio or thesis). A normal full-time course load is 12 credits per term.

Candidate for the MES degree must fulfill the following requirements:

1. The Plan of Study

The plan of study is the central feature of the MES program. Prepared and developed by each student in consultation with a faculty advisor, the plan serves to define and organize the student's pursuit of knowledge and skills and to provide the framework for integration and synthesis. Students develop their research proposal under the guidance of a supervisor. The research proposal becomes part of the plan of study.

2. Courses

Students are required to enrol in two mandatory courses: **Environmental Studies 5100 3.0: Interdisciplinary Research in Environmental Studies** in the first term of the program; and a program-approved **method/research design course** of their choice in the first three terms of the program. Students are also expected to enrol in **Environmental Studies 6102 3.0: MES Research Proposal** in the fourth term of their program at the latest if they have not yet advanced to the major research stage. Elective courses in their respective areas of concentration are selected in consultation with the student's faculty advisor from the list of graduate courses offered by the program.

Coursework is used to expand the student's knowledge and intellectual grasp of environmental studies. Typically, full time students complete coursework in the first three or four terms. Summer terms require formal registration and can be spent in different ways suited to individual plans of study (coursework, experiential learning, or individual directed studies) or major research. Terms five and six of the second year of the program are normally dedicated to the completion of the major research.

3. Research Paper/Project/Portfolio/Research Thesis

Candidates must undertake a research paper, project or portfolio or thesis on an approved topic. Research should comprise original material demonstrating the student's capacity to independent research, originality and critical analysis. A major paper, major project or major portfolio should be equal to a thesis in academic quality, but is more limited in scope – and should be approximately 10,000 words in length. The major paper, major project or major portfolio is normally supervised by a core faculty member from the program. Upon completion, the major paper, major project or major portfolio must be defended in an oral examination with a committee comprised of the supervisor and two faculty members from the program. The research thesis is supervised by a supervisory committee to be approved by the Faculty of Graduate Studies and must be defended in an oral examination before a thesis examining

committee comprised of the supervisory committee members and one additional examiner from another program.

4. Additional Requirements

Candidates enrolling in graduate diplomas or other programs have additional requirements. Requirements are available at <http://fes.yorku.ca/apply/mes/graduate-diplomas>

TIME LIMITS

The time to completion for the MES degree by thesis or major research paper, project, or portfolio is six terms. Subsequent terms are permitted only as a part-time student. All requirements for the MES degree must normally be fulfilled within 12 terms or 4 years of continuous registration as full-time and/or part-time student.

DOCTOR OF PHILOSOPHY PROGRAM

Since the program was established in 1991, students in the PhD program in Environmental Studies have engaged with a diverse array of concerns and approaches. Doctoral students in the graduate program connect conventional disciplines and practices in ways that encourage viewing environmental issues through various theoretical lenses. Doctoral students engage in cutting-edge, critical interdisciplinary environmental research undertaken in the Faculty and benefit from the rich research culture and dynamic community.

ADMISSION REQUIREMENTS

To be considered for admission to the PhD program, an applicant must normally have a master's degree from an accredited university with an academic standing of at least a "B+" or equivalent.

DEGREE REQUIREMENTS

1. Program Plan

In the first two terms of the program, students develop a Program Plan comprised of their proposed area of research and the identification of their comprehensive areas in consultation with their supervisor and supervisory committee.

2. Courses

There is only one mandatory course for incoming students, **Environmental Studies 8102 3.0: PhD Research Seminar**, in the first term of the program. Students are also encouraged to take courses in their first year and to participate in the research proposal development seminar offered every year.

2. Comprehensive Examinations

Through the PhD comprehensive examinations, students review the prevailing themes and debates within their field of study and build their knowledge in subject matter pertinent to their future research and teaching. Fulfillment of the substantive requirement is normally met through written work (or any other forms to be determined in collaboration with the student's supervisory committee) followed by an oral examination. The comprehensive examinations and dissertation defence proposal normally take place in the first two years of the program.

4. PhD Research Proposal

Following the completion of the comprehensive examinations, students develop their dissertation research proposal on a topic approved by the student's supervisor and supervisory committee. The course **Environmental Studies 8102 3.0: PhD Research Seminar** (in winter term) is offered to assist students in this process. The dissertation proposal must promise original work

and significant contribution to knowledge. The proposal shall include submission and approval of appropriate ethics protocols. The dissertation proposal consists of an oral defence before the candidate's supervisory committee normally before the eighth term of the program.

5. PhD Dissertation

Students then proceed to their dissertation research and writing guided by their supervisor and supervisory committee. All PhD candidates must complete an acceptable dissertation presenting the results of original research. After the formal submission of the dissertation, an oral examination, normally centered on the dissertation and matters related to it, is held.

TIME LIMITS

The PhD program requires a minimum of two years (six terms of registration). All requirements for a PhD degree must be fulfilled within 18 terms (6 years) of registration as a full-time or part-time doctoral student. Leave of Absence, Maternity Leave, or Parental Leave are not included in these time limits.

ÉTUDES FRANÇAISES

DOMAINES D'ÉTUDES

L'étudiant(e) a la possibilité de choisir la littérature ou la linguistique comme domaine de spécialisation. Toutefois, l'étudiant(e) désireux de poursuivre ses études dans les deux domaines pourra le faire sans difficulté. C'est là un des aspects originaux de notre programme.

LINGUISTIQUE

Le programme de linguistique a pour objet de former l'étudiant à la recherche, par l'étude approfondie des principaux aspects de la structure du français et de l'usage de cette langue dans le discours. Dans son ensemble, le programme est structuré autour de trois grands axes :

- i) linguistique descriptive et théorique du français—notamment linguistique énonciative, linguistique fonctionnaliste (européenne) et étude du français en perspective romane et historique;
- ii) le français en perspective sociolinguistique;
- iii) l'apprentissage du français en contexte canadien.

LITTÉRATURE

Le programme de littérature a pour objectif de mettre en lumière la contribution des littératures d'expression française à l'évolution des idées et des différents champs littéraires. Dans son ensemble, le programme est structuré autour de trois grands axes :

- i) théories et champs littéraires;
- ii) écrits de femmes;
- iii) littératures et sociétés (francophonie, Canada français, France).

MAÎTRISE ÈS ARTS

CONDITIONS D'ADMISSION

- ❖ Détenir un diplôme de premier cycle avec spécialisation en français (*BA Honours in French*) décerné par une université reconnue ou un diplôme jugé équivalent par le comité d'admission.
- ❖ Avoir obtenu une moyenne générale de B au premier cycle et de B+ dans les cours de français, ou l'approbation de la directrice. Dans certains cas, un examen d'entrée pourra être exigé.

Pour de plus amples renseignements, veuillez vous adresser au Programme de Maîtrise en études françaises, Collège universitaire Glendon, 2275 avenue Bayview, Toronto, Ontario, M4N 3M6. Ou téléphonez au (416) 487-6811 ; télécopieur : (416) 487-6786. Vous pouvez aussi communiquer avec nous par courrier électronique à l'adresse suivante : maitrise@glendon.yorku.ca

EXIGENCES DU DIPLÔME

Maîtrise avec mémoire

L'étudiant(e) doit suivre avec succès **quatre cours** semestriels du niveau de la maîtrise.

Travaillant sous la direction d'un professeur associé au programme et sous la supervision d'un ou de deux membres de ce même programme, l'étudiant(e) doit rédiger un mémoire d'une centaine de pages qui témoigne notamment d'une réelle originalité et démontre clairement, outre une aptitude à la recherche, une solide capacité d'analyse et une maîtrise approfondie du sujet étudié. **Le dépôt du mémoire sera suivi d'une soutenance.**

Maîtrise avec travail de recherche

L'étudiant(e) doit suivre avec succès **six cours** semestriels du niveau de la maîtrise.

Travaillant sous la direction d'un professeur associé au programme, l'étudiant(e) doit rédiger un travail de recherche original de 50 à 60 pages sur un sujet précis. Ce travail de recherche doit démontrer de solides capacités de recherche et d'analyse. **Le dépôt du travail sera suivi d'un examen oral.**

Maîtrise avec cours

L'étudiant(e) doit suivre avec succès **huit cours** semestriels du niveau de la maîtrise.

Avec la permission de la directrice du programme, l'étudiant(e) peut choisir un de ses cours dans un autre programme de la Faculté des études supérieures de York ou dans toute autre université ontarienne.

DOCTOR OF PHILOSOPHY PROGRAM IN FRANCOPHONE STUDIES

ADMISSION REQUIREMENTS

To be admitted to the doctoral program, candidates must submit:

- ❖ proof of their master's degree in french studies with at least a B+ average;
- ❖ three letters of recommendation from professors who have taught in the master's and doctoral streams and who attest to the candidate's suitability for doctoral studies;
- ❖ a letter of intention and motivation, written in French, emphasizing the candidate's areas of interest in doctoral research and outlining the projected program of study; and,
- ❖ a copy of one of the following documents:
 - a. an article they have published,
 - b. their master's thesis or research paper,
 - c. an essay they wrote for a master's level course.

DEGREE REQUIREMENTS

Candidates for the doctoral degree must fulfil the following requirements:

Course Requirements

Five three-credit courses are required (to be taken mainly during the first year):

- ❖ a seminar in research methodology at the **5000** or **6000** level; and,
- ❖ four courses of three credits, chosen in consultation with the Graduate Program Director and the candidate's academic advisor. One of the courses must focus on the specific subject chosen by the candidate and can be an individual study course at the **5000** or **6000** level.

Supervision

The choice of a dissertation supervisor must be finalized at the beginning of the first term in the second year of study.

Comprehensive examinations

At the end of their first year, students must choose from among a list of subjects to investigate (subjects related to their subdiscipline—linguistics or literature—[principal field, related to the dissertation topic and secondary field]), four subjects in which they are examined

for their comprehensives. These must consist of:

- ❖ a written examination comprised of two thematic questions and two methodological questions (applied to the area of the dissertation) to be held in the first twenty months; and,
- ❖ an oral examination by a jury relating to the dissertation topic (see below). Candidates must have taken the written examination before being permitted to take the oral.

Students who fail the comprehensives are allowed to retake them one more time at a later date within the allotted time period. Students who fail the second attempt are withdrawn from the program.

Dissertation Proposal

The dissertation proposal, of some twenty pages, must be submitted within two years of enrolment in the program and must be defended during an oral examination, which constitutes the second part of the comprehensive exams (see above (ii)).

Research

Students must successfully complete:

- ❖ one individual study related to the dissertation (theory and method) with the student's supervisor; and,
 - ❖ one graduate seminar, consisting of student presentations leading to online publication or publication in a professional journal.
- ❖ *Note: These components are in addition to the five courses to be taken during the first year.*

Dissertation

Students must write and submit a dissertation, normally about 200 pages. The dissertation is evaluated by the doctoral committee after an oral defence.

EXECUTIVE MASTER OF BUSINESS ADMINISTRATION

JOINT KELLOGG-SCHULICH EXECUTIVE MASTER OF BUSINESS ADMINISTRATION

The Kellogg-Schulich Executive MBA is an 18-month, general management program leading to a joint Master of Business Administration degree from the Kellogg School of Management at Northwestern University and the Schulich School of Business at York University. The program is designed for promising managers with substantial experience who are on executive career paths in their employing organizations.

With its global content, locations, faculty members and students, the Kellogg-Schulich EMBA makes the world one's classroom. This global EMBA gives students the unique opportunity to learn from and interact with business leaders from around the world. The Kellogg-Schulich Executive MBA is part of a growing global network of joint Executive MBA programs with Kellogg. Graduates of the Kellogg-Schulich program become part of a global alumni network with Kellogg's other joint programs with the Guanghua School of Management at Peking University, the Hong Kong University of Science and Technology Business School, the Tel Aviv University School of Management, and the WHU - Otto Beisheim School of Management in Vallendar/Koblenz, Germany.

The curriculum includes 20 core courses, two experiential courses, and four elective courses. It provides exposure to all of the key functional areas of business for general managers and emphasizes United States, Canadian and international perspectives on global leadership and strategic management. The program's faculty members are drawn from the Kellogg School, Schulich's senior faculty members and Kellogg's global EMBA partners. Among the program features are specially-designed preparatory tutorials to help strengthen quantitative and qualitative skills, diverse study teams, guest speakers, and a global strategy project that combines classroom with experiential learning and includes a trip to an emerging market. A culminating hands-on project focuses on an entrepreneurial venture design presented to Schulich and external experts.

With classes generally held every third weekend, the schedule minimizes time away from work and maximizes in-class and study team learning. The overall format of the Kellogg-Schulich Executive MBA is flexible, balanced and designed to accommodate students' career development and personal goals.

The program begins each year in January and concludes in June of the following year. Please visit <http://schulich.yorku.ca> for more information.

ADMISSION REQUIREMENTS

- ❖ Minimum of 8 years of work experience with substantive management experience.
- ❖ Applicants normally should possess the Canadian equivalent of a university Bachelors degree from an accredited institution. Qualified candidates may be required to take the Graduate Management Admissions Test and obtain acceptable scores on all components thereof.
- ❖ Applicants must submit at least two strong recommendations from employers or colleagues who are in a position to evaluate the applicant's work experience.

- ❖ Proof of English language proficiency if prior studies were not completed in English: Test of English as a Foreign Language (iBT): 100 with minimum component scores of 23 or International English Language Testing System: 7.0 overall with minimum component scores of 6.5.
- ❖ All applicants will be interviewed prior to admittance

DEGREE REQUIREMENTS

Students must successfully complete:

- ❖ **56 credits** of coursework, consisting of:
- ❖ **48 credits** of core courses, including two field studies (with **four credits** each)
- ❖ **8 credits** of electives (at the Kellogg Global Network partner schools).

Students' performance will be reviewed after completion of the initial **12 credits** and then on a rolling basis.

All other requirements are identical to those of Schulich's other master's programs.

EXECUTIVE MBA PROGRAM IN INDIA

The Schulich School of Business offers an Executive MBA program at the GMR/Schulich India campus in Hyderabad, and awarded by York University.

The program is geared towards educating managers in core and advanced management topics. The program runs in Schulich's Hyderabad campus but includes courses in Toronto and other international locations. It facilitates the busy work lives of practicing managers by offering courses over extended weekend sessions. Students engage in peer learning, international immersion and a capstone applied management project.

ADMISSION

- ❖ Minimum of 8 years of work experience with substantive management experience.
- ❖ Applicants normally should possess a four-year post-secondary degree or a degree that is recognized as equivalent by the Faculty of Graduate Studies.¹ A candidate with a three-years bachelor's degree plus outstanding management experience will also be considered. The latter may be required to take the Graduate Management Admissions Test or Graduate Record Examination and obtain acceptable scores on all components thereof.

¹Undergraduate degrees not designated as honours degrees may be acceptable as the equivalent of an undergraduate honours degree if they contain a minimum of **120 credits** (typically, a four-year program with full time enrolment) including the completion of a minimum of **six credits** at the fourth-year level at an accredited postsecondary institution. Three-year first cycle undergraduate degrees from European institutions that meet the criteria set forth in the Bologna Declaration may be acceptable as the equivalent of an undergraduate honours degree. Undergraduate degrees from Indian institutions that have received a ranking of five stars or A+ or higher by the National Assessment and Accreditation Council or from Indian institutions of higher education with whom York University has a signed partnership agreement may be acceptable as the equivalent of an undergraduate honours degree.

- ❖ Applicants must submit at least two strong recommendations from employers or colleagues who are in a position to evaluate the applicant's work experience.
- ❖ Proof of English language proficiency if prior studies were not completed in English: Test of English as a Foreign Language (iBT): 100 with minimum component scores of 23 or International English Language Testing System: 7.0 overall with minimum component scores of 6.5.
- ❖ All applicants will be interviewed prior to admittance

DEGREE REQUIREMENTS

Students must successfully complete:

- ❖ **48 credits** of coursework, consisting of:
- ❖ **26 credits** of core courses, including a capstone field study; and,
- ❖ **22 credits** of electives.

Students' performance will be reviewed for promotion after completion of **12 credits** and **22 credits**.

All other requirements are identical to those of Schulich's other master's programs.

CINEMA & MEDIA STUDIES/FILM

The Graduate Program in Film, established in 1980, is the oldest film graduate program in Canada. It is anchored in the first Department of Film established in Canada (1970).

The Graduate Program in Film offers MA and PhD degrees in Cinema & Media Studies, as well as a MFA in Film, which consists of two discrete fields: Production and Screenwriting.

Students can combine their MA or MFA degree with a Master of Business Administration (MBA) degree.

All degrees are offered either full-time or part-time.

MASTER OF ARTS IN CINEMA & MEDIA STUDIES PROGRAM

ADMISSION REQUIREMENTS

To be considered for admission, applicants must have at least a B (second class) standing in an acceptable Honours degree or equivalent.

Applicants are expected to submit:

- ❖ a written statement of interest and major research project/thesis proposal;
- ❖ a writing sample;
- ❖ a résumé/curriculum vitae;
- ❖ transcripts from all previous post-secondary institutions attended; and,
- ❖ three letters of reference.

The program's admissions committee may invite applicants to an interview.

Admission to the program does not include approval of a major research project/thesis project.

DEGREE REQUIREMENTS

The MA degree may be earned in one of four ways:

1. By completion of 8 half courses and a major research project of 40-50 pages. The majority of students in the Cinema and Media Studies MA are expected to elect this option.
2. By completion of 8 half courses and a research/creation major research project supplemented by a support paper of approximately 20 pages.
3. By completion of 8 half courses and a field placement major research project supplemented by a support paper of approximately 20 pages.
4. By completion of 7 half courses and a thesis (80-100 pages). MA students may be granted permission by the program to pursue a thesis option on the basis of a rigorous and well-structured thesis proposal.

Students should consult with the Cinema & Media Studies' Graduate Program Director in order to determine which model best suits their interests and abilities. Students wishing to complete the degree under option 4 must make certain that they have the supervision in place as well as the research tools to complete a thesis.

Required Courses for MA in Cinema and Media Studies Film 6220 3.0 Methods and Research in Film Studies

Film 6230 3.0 Contemporary Cinema & Media Studies Theory Film 5400 3.0 Graduate Seminar

Cinema & Media Studies students are eligible to take some Production and Screenwriting courses, but in all cases must receive the explicit permission of course directors to enroll.

Cinema & Media Studies students may normally take up to six graduate credits outside the Film program. Permission is required from the course director, the director of the graduate program in which the course is taken, and the Graduate Program Director of Cinema & Media Studies.

All courses must be taken during the full-time residency of five consecutive terms or the part-time residency of ten consecutive terms.

Film 5700 3.0: Student-Initiated Collaborative Inquiry/Film 5800 3.0: Directed Reading: Students may design a course of study with a faculty member provided it is not covered by any available courses in the curriculum and does not overlap significantly with a course previously taken. The Student-Initiated Collaborative Inquiry requires two or more students working on a project. Students are normally allowed two such courses during their master's tenure in the Film program. All Student-Initiated Collaborative Inquiry and Directed Reading courses must be approved by the Graduate Program Director of Cinema & Media Studies.

MASTER OF FINE ARTS IN FILM PROGRAM

ADMISSION REQUIREMENTS

To be considered for admission, applicants must have at least a B (second class) standing or equivalent. Where applicants have a significant record of professional achievement, they may appeal for admission with a lower academic standing.

Applicants are expected to submit:

- ❖ a written statement of interest and thesis proposal;
Screenwriting: The **thesis proposal** should consist of three story concepts for feature films that the applicant might work on as a thesis project. One concept may be described in up to 1000 words, the others in 250-500 words, providing a sense of the subject matter, dramatic premise, genre, and anything else deemed important, including why the applicant wants to tell this story.
- ❖ a portfolio:
Production: Up to 4 films and/or new media works, where the applicant is preferably the chief creator/director/filmmaker/author. (Password-protected Vimeo or YouTube links **only**, clearly listed in the application. DVDs or other formats will not be accepted.) Complete works are preferable to excerpts. (Documentation of video/new media installations is also accepted). Applicants should clearly list for each production: the title; the link and password; their creative role(s); original shooting format; year of production; 2-3 sentence synopsis (summarize both content and formal concerns); production context and funding (including if it was produced as part of a school program);
Screenwriting: Given the ready availability of screenwriting pedagogy in books and online, the program expects students that are admitted to already understand workably the fundamentals of screenwriting and to be proficient in the English language (written

and oral). The program requires that applicants **submit a feature screenplay** as part of their portfolio, as well as other writings that reflect their writing abilities and creativity. Applicants may submit online links to films that have been produced from a script they have written, along with a copy of the script;

- ❖ a résumé/curriculum vitae;
- ❖ transcripts from all previous post-secondary institutions attended; and,
- ❖ three letters of reference.

The program's admissions committee may invite applicants to an interview.

Admission to the program does not include approval of a thesis project.

DEGREE REQUIREMENTS

All graduate students earning a Master of Fine Arts degree in production or screenwriting must complete 18 graduate credits (six half courses) and a thesis during their full-time residency of five terms or part-time residency of ten terms.

PRODUCTION STUDENTS

Required Courses

Film 5010 3.0: Production

Film 5400 3.0: Graduate Seminar

SCREENWRITING STUDENTS

Required Courses

Film 5110 3.0: Screenwriting

Film 5130A 3.0: Selected Topics in Screenwriting

Film 5400 3.0: Graduate Seminar

MFA students must take at least one half (3.0) Cinema & Media studies graduate-level course, or an equivalent approved by the Graduate Program Director of Cinema & Media Studies.

Production students are eligible to take some Screenwriting courses, and Screenwriting students are eligible to take some Production courses, but in all cases must receive the explicit permission of the course directors to enroll.

❖ *Note: Production students must complete at least one Cinema & Media Studies half course (3.0 credits).*

MFA students may normally take up to **two half (3.0) courses or one full (6.0) course** from outside the Film program. Permission is required from the course director, the director of the graduate program in which the course is taken, and the Graduate Program Director in Film.

All courses must be taken during the full-time residency of five consecutive terms or the part-time residency of ten consecutive terms.

Film 5700 3.0: Student-Initiated Collaborative Inquiry/Film

5800 3.0: Directed Reading: Students may design a course of study with a faculty member provided it is not covered by any available courses in the curriculum and does not overlap significantly with a course previously taken. The Student-Initiated Collaborative Inquiry requires two or more students working on a project. Students are normally allowed two such courses during their master's tenure in the Film program. All Student-Initiated Collaborative Inquiry and Directed Reading courses must be approved by the Graduate Program Director in Film.

DOCTOR OF PHILOSOPHY PROGRAM IN CINEMA & MEDIA STUDIES

ADMISSION REQUIREMENTS

Applicants for the PhD degree are considered only after they have been graduate students at a recognized university for at least one year and have been awarded the master's degree in Cinema and Media Studies (or equivalent program), with at least a B+ average indicating preparation for advanced graduate work in Cinema & Media Studies.

Applicants are expected to submit:

- ❖ a written statement of interest and dissertation proposal;
- ❖ a writing sample;
- ❖ a résumé/curriculum vitae;
- ❖ transcripts from all previous post-secondary institutions attended; and,
- ❖ three letters of reference.

The program's admissions committee may invite applicants to an interview.

Admission to the program does not include approval of a dissertation project.

DEGREE REQUIREMENTS

Doctoral students must successfully complete 18 graduate credits (six 3.0 credit courses), plus **Film 5400 3.0: Graduate Seminar**, which is a non-credit course).

Required Courses

Film 7000 3.0: Key Concepts in Cinema and Media Studies

An approved Methods and Research course of 3.0 credits

If a student has not acquired an adequate background in Cinema & Media Studies in their master's level studies, they are required to take preparatory courses in PhD I. These courses are taken in addition to the established degree requirements: one of: **Film 6210 3.0: Theoretical Issues in Cinema and Media**; or **Film 6230 3.0: Contemporary Cinema and Media Theory**.

Elective Courses

Students may take a maximum of two 3.0-credit courses as electives outside the Program.

Film 5700 3.0 Student-Initiated Collaborative Inquiry / Film

5800 3.0 Directed Reading: Students may design a course of study with a faculty member provided it is not covered by any available courses in the curriculum and does not overlap significantly with a course previously taken. The Student-Initiated Collaborative Inquiry requires two or more students working on a project. Students are normally allowed two such courses during their master's tenure in the Film program. All Student-Initiated Collaborative Inquiry and Directed Reading courses must be approved by the Graduate Program Director of Cinema & Media Studies.

No more than two 3.0-credit courses may be Directed Reading courses as approved by the student's first year advisor and Graduate Program Director.

Doctoral students, while undertaking some of the same required courses as master's level students, are expected to perform at a much higher level of study on top of the already stated course requirements. There are additional assignments that may take the form of longer, more substantive research papers and essays.

Comprehensive Examination Field Essay

Students are expected to complete the comprehensive exam, which takes the form of a three-part essay followed by an oral examination, normally no later than the end of the second term of PhD II.

The objectives of the comprehensive examination are to equip students with the specialized knowledge they need to undertake research for their doctoral dissertation and to prepare and qualify students to teach undergraduate courses in cinema and media studies.

Dissertation Proposal

Students should normally submit a dissertation proposal, including ethics approval (if applicable), for approval by their dissertation committee, the graduate program, and the Faculty of Graduate Studies, no later than six months after completion of the comprehensive examination.

Dissertation and Oral Defence of Dissertation

Dissertations are evaluated by standard Faculty of Graduate Studies' oral defence procedures. When the supervisory committee is satisfied that a dissertation is ready for oral examination, it sends a signed oral defence examination notification form to the Faculty. The supervisor, working in conjunction with the Graduate Program Director, forms an examination committee according to the standards of the Faculty. A complete copy of the dissertation is sent to all members of the oral examination committee at least four weeks before a scheduled oral defence date.

All Faculty of Graduate Studies procedures for dissertation examination apply.

<http://gradstudies.yorku.ca/current-students/thesis-dissertation>

FINANCE

MASTER OF FINANCE

As a result of increased marketplace competition, analysts and dealmakers alike require more focused knowledge and accreditation than ever before. Schulich's Master of Finance graduate program is designed to provide students with an intensive training in finance that is both practical and intellectually challenging. The course work is enhanced by regular research as well as professional seminars, taking advantage of the business community in Toronto and the Schulich alumni network. Students may specialize in either capital markets or financial risk management.

The Schulich Master of Finance is accredited as a CFA Program Partner and opens up career options ranging from investment banking and asset management to private equity firms, hedge funds, consulting firms and government agencies. The program also serves as an excellent foundation for students considering a PhD in finance.

This twelve month full-time program commences in August each year. For more information, please visit <http://schulich.yorku.ca> for more information .

ADMISSION REQUIREMENTS

- ❖ Applicants normally should possess a four-year undergraduate degree from a recognized university with a minimum B+ average in the last two full years (or equivalent) of academic work with completion of prerequisite courses in Calculus (I & II), Economics (Micro & Macro) and Statistics taken at the undergraduate level.

A candidate with a three-year degree may be considered for admission with a minimum of one year of work experience.

- ❖ Post degree work experience is recommended but not required.
- ❖ Applicants are required to take Graduate Management Admission Test (GMAT) or Graduate Record Examination (GRE) and obtain acceptable scores on all measures thereof.
- ❖ Proof of English language proficiency if prior studies were not completed in English: Test of English as a Foreign Language (iBT): 100 with minimum component scores of 23 or International English Language Testing System: 7.0 overall with minimum component scores of 6.5. Strong applicants whose first language is not English and do not meet the above language requirements may be considered for admission with the condition of completion of the MBA/Specialized Master's Preparation Program offered by the York University English Language Institute.
- ❖ Completion of the online application including submission of essays, an up-to-date résumé and two references

DEGREE REQUIREMENTS

Students must successfully complete:

- ❖ **39 credits of course work**, consisting of:
- ❖ **27 credits of core courses**, and
- ❖ **12 credits of stream courses**.

All other requirements are identical to those of Schulich's other master's programs.

FINANCIAL ACCOUNTABILITY

The Master of Financial Accountability degree will provide a value-added educational experience through seeking solutions to some of the toughest and most pressing challenges in society such as the global financial crisis, the lack of accountability by organizations to their stakeholders and the threats to our environment from unsustainable business practices.

The Graduate Program in Financial Accountability is the only graduate program in Canada to offer a specialized focus in financial accountability and consists of four dynamic and interrelated conceptual cornerstones: (1) accountability (2) ethical standards (3) sustainable business policies (4) good governance. Collectively they represent a concept called corporate social responsibility.

The degree is called a Master of Financial Accountability instead of a Master of Accountability because stakeholders in business organizations are mostly concerned with the economic consequences of actions and also since the primary conduit for reporting accountability is still the financial statements. Some accounting literacy is needed for this degree but it is primarily a management degree to prepare managers for board level responsibilities.

MASTER OF FINANCIAL ACCOUNTABILITY PROGRAM ADMISSION REQUIREMENTS

To be considered for admission to the Master of Financial Accountability, candidates must have either:

1) an honours bachelor's degree in business (a four-year program recognized by York University) with a minimum B average in the final two years of full-time equivalent study).

OR

2) an honours bachelor's degree in another field with at least three years of demonstrated management experience. A Graduate Management Aptitude Test test score of at least 550 is required to demonstrate competency in business.

- ❖ All applicants are expected to demonstrate some competency in accounting in their application either through academic study or work experience.
- ❖ Applicants with 3 year business degrees will have to show supplemental evidence of academic achievement through possession of a graduate diploma in business or a professional designation.
- ❖ Senior executives with distinguished careers in management but without the requisite academic background can have their applications considered on a case-by-case basis.

All applicants must:

- ❖ submit a curriculum vitae; and
- ❖ provide three letters of reference.

Students interested in the major research paper options must also:

- ❖ submit a written statement describing their proposed areas of research (1-2 pages).

English Language Proficiency

Courses are conducted as seminars and good business communication skills (writing, speaking and listening) are essential for success in the program. Applicants whose first language is not English must show an acceptable level of English by completing a language proficiency test. Applicants who have completed at least one year at an accredited university in a country (or institution) where English is the official language of instruction may be exempt from this requirement.

The program follows the general standards for language proficiency at York. Specifically, scores of: Canadian English Language Proficient Test overall score of: 70 with no component score less than 60; Certificate in Advanced English minimum score of: B; Certificate of Proficiency in English minimum score of: C; International English Language Testing System overall band score: 7.0; Test of English as a Foreign Language Internet-Based Test: 100; Michigan English Language Assessment Battery overall score of: 85 with no component score less than 80; York English Language Test band: 1; York English Language Institute level: 6 with distinction.

- ❖ A personal statement must be submitted with all applications. It is used in conjunction with background and test scores to assess language competency.
- ❖ The program at its discretion may conduct interviews with applicants holding marginally lower scores than the above cut-offs to assess English literacy. Additional writing samples may be requested and candidates will have to make the case why the standard should be waived. Conditional admissions to the program may be offered in these circumstances requiring simultaneous enrolment in York's English Language Institute.

DEGREE REQUIREMENTS

Students may choose from two options to complete the Master of Financial Accountability degree:

Major Research Paper Option

Students must complete 9 required courses (27 credits) and a major research paper (6 credits).

Coursework Option

Students must complete 11 courses (33 credits).

Part-Time Study Option

The maximum course load for this option is one course per term. However, students are cautioned that some courses are always offered in the day and others always at night, so students hoping to combine studies with outside employment would require an agreement with their employer to have a flex-time schedule. The program accepts no responsibility for offering courses to cater to outside commitments. Course timetables are normally set a year in advance so students must complete a study plan on admission and have it approved by both their employer and the Graduate Program Director to ensure that their study plan is feasible.

Courses

Students must successfully complete 9 required core courses and 2 electives (coursework option) OR 9 required courses and a major research paper (major research paper option).

Required Courses

Financial Accountability 6000 3.0: Introduction to Accountability and Governance

Financial Accountability 6100 3.0: Corporate Responsibility and Ethics

Financial Accountability 6200 3.0: Performance Measurement Systems

Financial Accountability 6300 3.0: Enterprise Risk Management

Financial Accountability 6400 3.0: Research Methods and Statistical Inference

Financial Accountability 6500 3.0: Corporate Governance

Financial Accountability 6600 3.0: Accountability Issues in the Public Sector

Financial Accountability 6700 3.0: Executive Compensation

Financial Accountability 6800 3.0: Synthesis: Accountability and Governance

Elective Courses

Accountability Reporting:

Financial Accountability 6870 3.0: Advanced Techniques of Financial Analysis

Financial Accountability 6880 3.0: Information Technology Governance

Financial Accountability 6890 3.0: Earnings Management and Forensic Auditing

Law and Governance:

Financial Accountability 6280 3.0: Directors' Duties in Discharging the Board's Accountability Responsibilities

Financial Accountability 6290 3.0: Legal and Regulatory Compliance to Promote Accountability and Good Governance

Ethics and Sustainability:

Financial Accountability 6180 3.0: Sustainability and Corporate Social Responsibility

Financial Accountability 6190 3.0: Cases Studies in Stakeholder Accountability for Sustainability

Public Sector Accountability:

Financial Accountability 6380 3.0: Performance Reporting to Enhance Accountability in the Public Sector

Financial Accountability 6390 3.0: Ethics Issues Impeding Accountability in the Public Sector

❖ The program also has a directed readings course, **Financial Accountability 6990 3.0**. This is normally only offered when the student is missing a course to complete graduation requirements.

❖ Students select any two electives from the list above. York University does not permit degree notations of specializations. However, if both courses are from one area of specialization this will be noted in a letter from the Graduate Program Director so graduates may informally declare a specialization to assist in post-graduation job searches.

GENDER, FEMINIST & WOMEN'S STUDIES

The Graduate Program in Gender, Feminist & Women's Studies at York University was established in 1992, and was the first in Canada to offer a graduate degree in women's studies. Today it is one of the largest programs in women's and gender studies and feminist research in Canada and in the world, offering an MA and a PhD to full-time and part-time students.

The graduate program is fundamentally interdisciplinary in formation and practice. One of its primary goals is to develop and apply a feminist analytical perspective to teaching and research on women and gender as they intersect with sexuality, race, ethnicity, class, ability, and age. A second goal is to provide rigorous interdisciplinary training that provides students with the tools to enact social transformation in theory and praxis and enables students to conduct research and analysis both within and outside academia.

The program draws widely from the humanities, social sciences, health, environmental studies, fine arts, education and law. It has over 90 affiliated faculty members and typically offers about 30 core, elective and cross-listed courses each year. There are about 100 registered students.

The Graduate Program in Gender, Feminist & Women's Studies is administratively housed in the School of Gender, Sexuality & Women's Studies at York University. The School of Gender, Sexuality & Women's Studies provides a base and resource for teachers, students, and researchers across the York University community. In addition to undergraduate gender and women's studies and sexuality studies programs, the Centre for Feminist Research, the Nellie Langford Rowell Library, and the quarterly journal *Canadian Woman Studies/les cahiers de la femme* are all affiliated with the School.

GFWS fera de son mieux pour accommoder les étudiant/e/s francophones. Nous ferons tout notre possible pour permettre aux étudiant/e/s francophones d'écrire leurs travaux, y compris leurs dissertations de cours, leur projet de recherche, leur mémoire ou leur thèse, ainsi que leurs examens compréhensifs, en français. Ceci dépendra surtout de la disponibilité de membres de la faculté capables d'évaluer de tels travaux. Les membres de la faculté suivantes se sont identifiées comme capables d'évaluer des travaux écrits et/ou de participer à des examens oraux en français: Gertrude Mianda, Jacinthe Michaud et Miriam Smith.

Fields of Specialization

The following seven interrelated fields of specialization identify the research and teaching strengths of the Graduate Program in Gender, Feminist & Women's Studies at York University. The fields represent broad areas of interest in feminist research and all fields foreground the intersections of women and/or gender/s with sexuality, race, ethnicity, class, ability, and age.

- ❖ Cultural and literary studies, performance and fine arts
- ❖ Diaspora, transnational and global studies
- ❖ Histories
- ❖ Politics, economies and societies
- ❖ Race
- ❖ Sexualities
- ❖ Theories and methods

PART-TIME STUDIES

Part-time students are encouraged to apply for both the MA and PhD programs. Whenever possible courses are scheduled in the late afternoon, evening hours, and summer.

MAGISTERIATE/MASTER OF ARTS PROGRAM

ADMISSION REQUIREMENTS

To be considered for admission as a candidate for the MA degree, an applicant must be a university graduate holding a degree based on four years of undergraduate study with at least a B+ average (or equivalent). In the context of the Canadian system of higher education, this means an Honours degree. For graduates from other jurisdictions, equivalency is determined in accordance with legislation established by the Senate of York University. The grade point average is assessed over the last two years (full-time equivalent) of study.

DEGREE REQUIREMENTS

Upon admission, each student is assigned an advisor with whom the student meets to decide on a plan of study. The time limit for completion of an MA degree at York is twelve terms of continuous registration. Full-time students are normally expected to complete the MA in one academic year and not more than two academic years. There are no language or cognate requirements for the MA degree in Women's Studies.

Students can complete their degree either by research paper or by thesis.

MA Degree by Research Paper

1. Courses

Students must successfully complete **three and a half full-courses** (or equivalent) including:

Gender, Feminist & Women's Studies 6002 3.0: Feminist Theory;
Gender, Feminist & Women's Studies 6007 3.0: Feminist Research Colloquium;

Gender, Feminist & Women's Studies 6907 3.0: Seminar in Gender, Feminist and Women's Studies; and,
one half-course chosen from the program -based core courses.

The final selection of courses is determined in consultation with the faculty advisor and/or the Graduate Program Director of Gender, Feminist & Women's Studies. With permission, one course may be chosen from those offered by another graduate program. Typically, full time students complete all the coursework in the first two terms.

2. Research Paper

Candidates must undertake research under the direction of a Gender, Feminist & Women's Studies' graduate program faculty member on an approved topic, and write a paper of 50-75 pages incorporating this research. The paper is assessed by the faculty member directing the research and by a second reader.

MA Degree by Thesis

1. Courses

Students must successfully complete **two full-courses** (or equivalent) including:

Gender, Feminist & Women's Studies 6002 3.0: Feminist Theory;
Gender, Feminist & Women's Studies 6007 3.0: Feminist
Research Colloquium;
Gender, Feminist & Women's Studies 6907 3.0: Seminar in
Gender, Feminist and Women's Studies; and,
one half-course chosen from the program -based core courses.

With permission of the Graduate Program Director, one of these courses may be chosen from those offered by another graduate program. The final selection of courses is determined in consultation with the faculty advisor and/or the Graduate Program Director of Gender, Feminist & Women's Studies. Typically full-time students complete all the course work in the first two terms.

2. Thesis and Oral Examination

Candidates must submit a thesis of 100-150 pages based on original research organized in an appropriate thesis form. It should demonstrate the candidate's independence, originality and understanding of the area of investigation. After the formal submission of the thesis, an oral examination is held in accordance with Faculty of Graduate Studies' regulations.

DOCTORATE/DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

Graduates with an MA degree or the equivalent from a recognized university, with at least a B+ average, and in a field of study relevant to graduate work in Women's Studies, are considered for admission as candidates for the PhD degree.

DEGREE REQUIREMENTS

Full-time students are expected to complete their studies within four academic years of admission. The Faculty time limit for the doctoral degree is 18 terms of continuous registration.

Candidates for the PhD degree must fulfil the following requirements:

1. Courses

Students must successfully complete three full-courses (or equivalent) including:

Gender, Feminist & Women's Studies 6009 3.0: Advanced
Research in Feminist Theory;

Gender, Feminist & Women's Studies 6008 3.0: Feminist
Research Methodologies and Methods; and,

one half-course chosen from the program -based core courses. The final selection of courses is determined with the assistance of the Graduate Program Director, or a designated faculty advisor. With permission from the Graduate Program Director, one full course or equivalent may be chosen from those offered by another graduate program. Typically full-time students complete all course work requirements within the first two years.

2. Program Seminar

All candidates are required to take part in a non-credit seminar series, in which faculty members and students discuss new work in the field, analyse current issues in gender, feminist and women's studies, and pursue topics in professional development.

3. Comprehensive Examinations

Students in the doctoral program must demonstrate that they have knowledge in gender, feminist and women's studies by passing a written and oral comprehensive examination. The comprehensive exam has two sections: a general examination and a specific

examination. The requirements for both the general and the specific are similar, with a key difference: the general examination allows for a course outline option.

The comprehensive examination is normally taken by the end of the second year of registration in the case of full-time students, and by the end of the third year of registration in the case of part-time students. Full-time students are required to complete the examination by the end of their eighth term of study.

The comprehensive examination is normally supervised by the members of the candidate's PhD supervisory committee. Students are normally permitted to rewrite the examination once only; a second failure requires withdrawal from the program.

4. Dissertation

When a student has successfully written the comprehensive examination, the student and the supervisor recommend a supervisory committee. This committee is comprised of a minimum of three faculty members, at least two of whom must be members of the Graduate Program in Gender, Feminist & Women's Studies.

Candidates must complete a research study and report the results in appropriate dissertation form. The research and dissertation should demonstrate the candidate's independence, originality and understanding of the field of investigation at an advanced level. After the formal submission of the dissertation, an oral examination is held in accordance with Faculty of Graduate Studies regulations.

5. Language and Cognate Requirements

There are no language or cognate requirements for the PhD degree in Gender, Feminist & Women's Studies. However, students may be required, based on the dissertation topic, to demonstrate knowledge of a language other than English, or a cognate skill.

GEOGRAPHY

The Graduate Program in Geography offers courses and opportunities for research leading to the degrees of Doctor of Philosophy, Master of Arts and Master of Science. Research and graduate teaching takes place in the areas of biogeography and biogeochemistry, climatology, cultural and historical geography, development studies, feminist geography, geographies of work and industry, geoinformatics, geomorphology, globalization, hydrology, landscape and literature, migration and immigration, northern environments, political ecology, political geography and the state, postcolonialism, remote sensing and image processing, and social geography.

COGNATE PROGRAMS AND INSTITUTES

Opportunities exist for students to take courses outside the program, both at York and at other Ontario Universities. Courses offered by the Faculty of Environmental Studies at York complement the work of the geography program and are of particular interest to students in urban, economic and resource geography. Courses offered by the Graduate Program in Biology are of particular interest to students in biogeography.

The program has traditionally had a close connection with the Institute for Social Research.

MASTER OF ARTS/MASTER OF SCIENCE PROGRAM

A full range of geographical study is available at the master's level.

ADMISSION REQUIREMENTS

Graduates with a four-year first degree after senior matriculation or an honours degree from a recognized university, or with equivalent qualifications, and with at least a B (second class) standing will be considered for admission as candidates for the MA or MSc degree.

MA/MSc Degree by Thesis

Candidates for the MA/MSc degree by thesis must fulfil the following requirements:

1. Colloquium

Attendance at and participation in the Graduate Colloquium is mandatory in the first year of study. Students are also required to register in **Geography 5011 1.0** during the Winter term of their first year of study.

2. Courses

In addition to **Geography 5011 1.0**, four half-courses, or equivalent, including **Geography 5010 3.0** and either **Geography 5209 3.0** or **Geography 5600 3.0**. In addition, MA students must complete **Geography 5025 3.0**. Elective courses are selected by candidates with the help of their advisors, and at least three of the four half courses must be offered by the Graduate Program in Geography. A reading course may not be counted as one of the three Geography program courses.

3. Thesis

Each candidate must submit a thesis based upon original research, and must successfully defend the thesis at an oral examination.

MA/MSc Degree by Research Paper

Candidates for the MA/MSc degree by research paper must fulfil the following requirements:

1. Colloquium

Attendance at and participation in the Graduate Colloquium is mandatory in the first year of study. Students are also required to register in **Geography 5011 1.0** during their first year of study.

2. Courses

In addition to **Geography 5011 1.0**, students must successfully complete six half-courses, or equivalent, including **Geography 5010 3.0** and either **Geography 5209 3.0** or **Geography 5600 3.0**. In addition, MA students must complete **Geography 5025 3.0**. Elective courses are selected by candidates with the help of their advisors, and at least three of them must be courses offered by the Geography program. A reading course may not be counted as one of the three Geography program courses.

3. Research Paper

Each candidate must submit a research paper based upon original research, and must successfully defend the research paper at an oral examination. A research paper should be equal to a thesis in academic quality, but is more limited in scope.

TIME REQUIREMENTS

The MA/MSc degree requires a minimum of one year. The maximum time allowed for completion is four years from the date of first registration in the Faculty of Graduate Studies.

LANGUAGE AND COGNATE REQUIREMENTS

Candidates may be required, if it is necessary for their research, to give evidence of proficiency in any of the following: a language other than English; a technical skill (e.g., statistical methods or computer programming); a knowledge of a specific aspect of a cognate subject.

DOCTOR OF PHILOSOPHY PROGRAM

A doctoral program is offered in two fields of specialization: critical human geography and, biophysical processes. Doctoral candidates are required to spend two years as full-time students.

ADMISSION REQUIREMENTS

The usual prerequisite for admission to the PhD program in geography is a master's degree in geography with at least a B+ average. However, the Graduate Program in Geography will consider exceptional students with a master's degree in other fields.

Students applying to enter the doctoral program should expect to have completed all of the master's requirements before entering the program. An acceptable candidate is only admitted when an appropriate supervisor is identified. Normal entry is as candidate (PhD I).

DEGREE REQUIREMENTS

1. Supervisory Committee

This committee as far as possible serves to guide the student through

the program. It offers specific research direction to the student, determines, in discussion with the student, the number and type of courses required, and is the comprehensive examination committee and the tribunal for defence of the dissertation proposal.

2. Colloquium

Attendance at and participation in the graduate colloquium is mandatory in the first two years of study. In the first year, students are also required to attend the **Geography 5010 3.0** class following the colloquium, and in the second year they are required to attend the colloquium only. Students are required to register in **Geography 5011 1.0: Graduate Colloquium** during the second year of study, and to present their proposal in the colloquium before the end of the first semester in the third year of study.

3. Courses

Students registered as PhD I or II candidates must attend and participate in **Geography 5011 1.0**. In addition to **Geography 5011 1.0**, students must successfully complete five half-courses or equivalent. These will include **Geography 5010 3.0**; either **Geography 5208 3.0** or **Geography 5600 3.0**; and **Geography 5025 3.0** if no equivalent graduate level course was completed previously. If a student has already taken **Geography 5010 3.0**, **Geography 5600 3.0**, **Geography 5025 3.0**, or a graduate level equivalent to **Geography 5025 3.0**, the supervisory committee will recommend alternative courses. If a student does not enroll in **Geography 5025 3.0** because an equivalent has been completed in another graduate program, then the student is required to complete an additional elective course to make up the five half courses. Courses are selected by candidates with the assistance of their advisors. At least three of the five half-courses must be offered by the Graduate Program in Geography. A reading course may not be counted as one of the three Geography program courses. Doctoral students may take a maximum of one reading course.

4. Language and Cognate Requirement

Depending upon the candidate's qualifications and intended research, a course or courses in a language or a technical skill may be required at the discretion of the supervisory committee. In certain cases, the candidate may fulfil the necessary requirements by special examinations rather than by coursework.

5. Comprehensive Examination

The comprehensive examination consists of a written and oral examination covering those aspects of geography and cognate disciplines deemed relevant to the general fields in which the candidate is working. The purpose of the PhD comprehensive examination in Geography is twofold: i) to ensure that the student has sufficient knowledge of the broad fields in which their research and future teaching is situated, and ii) to ensure that the student is capable of engaging in a sophisticated way with the current theoretical, methodological or empirical debates that constitute those fields, and is therefore in a position to make a contribution to such debates through their own doctoral research. The examination thus tests both knowledge of the field and the ability to independently critique, synthesize and frame an argument. The range of topics on which the candidate will be examined is determined by the supervisory committee after discussion with the candidate: normally three fields of specialization are included. The topic areas must be specified at least three months before the examination and be agreed to as appropriate by the student.

The written portion of the comprehensive examination usually takes place over a period of no longer than one week and adopts a format that is mutually agreed to by the supervisory committee and the

candidate. The oral portion of the examination is to be held within three weeks from the end of the written examination. Comprehensive examinations must be successfully completed before the end of five terms of enrollment in the program, unless prior approval for an extension has been granted by the graduate executive committee. Examiners may require a supplemental examination to be undertaken. Failure to complete this satisfactorily will require withdrawal from the program.

Detailed guidelines for the conduct of comprehensive examinations are available from the program office. These guidelines may be revised from time to time by the Geography Graduate Council.

6. Defence of the Dissertation Proposal

The defence of the dissertation proposal consists of an oral defence of the dissertation proposal before the candidate's supervisory committee. After the defence, and before the end of the seventh term of enrollment in the program, a final written dissertation proposal that is acceptable to the supervisory committee must be deposited with the program office for submission to the Faculty of Graduate Studies. Any extension to this timetable requires the prior approval of the graduate executive committee. Should the candidate fail to produce a dissertation proposal that is satisfactory to the supervisory committee, withdrawal from the program is required.

Appeals of decisions in comprehensive examinations and defences of dissertation proposals may be made to the graduate executive committee within one month of the decision. Such appeals will not be allowed on the basis of an evaluation founded on academic judgement.

7. Dissertation and Oral Examination

In accordance with the general regulations of the Faculty of Graduate Studies, all PhD candidates must submit an acceptable dissertation embodying the results of original research, and must successfully defend this dissertation at an oral examination.

HEALTH

The Graduate Program in Health offers MA and PhD degrees in the **Health Policy & Equity** area, emphasizing equity in health through policies that are directed at the social causes of inequality in health and the organization and delivery of health care. Health equity is explored through a range of theoretical, empirical, interdisciplinary, and experiential orientations, supported by York's thematic strength in social justice.

Health equity issues are dealt with at the local, national and international levels incorporating developing nations. The program is interdisciplinary, incorporating perspectives from political science, law, economics, sociology, history and ethics.

Students develop a strong theoretical foundation to critically analyze the political and economic forces that shape the quality of various determinants of health and undertake research in the social and economic dynamics that underlie health inequities at global and local levels, including those of human rights.

Moreover, students master the principles of qualitative and quantitative social science research designed to address health policy and equity issues. In pursuing their interests, students have the opportunity to link into existing and ongoing faculty research.

MASTER OF ARTS PROGRAM

ADMISSION REQUIREMENTS

Students with an honours degree who wish to be considered for admission to the MA in Health must:

- ❖ have completed an honours undergraduate degree with a B+ average or equivalent in the last two years of study, in a field related to health policy, health management or health informatics. Related disciplines might include psychology, political science, management, or nursing;
- ❖ provide a statement of interest demonstrating commitment to advanced research in the field. The statement should include a discussion of the applicant's background, interests, skills and career goals, along with a proposed field of study and research interests;
- ❖ demonstrate ability in writing and research by submitting a recent research paper or report that the applicant has written for a course or in an employment context; and,
- ❖ provide three letters of reference, from at least one university faculty member and preferably from two university faculty members. Equivalencies (letters from non-university professional colleagues) are considered for applicants who have been out of school for more than five years.

DEGREE REQUIREMENTS*

**Subject to Senate approval.*

MA Degree by Major Research Paper

Students must successfully complete the following requirements:

1. Courses

Master's students are required to take **six 3.0 credit courses** in the first two terms of study. **Two** of these are core courses:

Health 5405 3.0: Graduate Research Methods

Health 5485 3.0: Public Policy and Health

In addition, master's students must complete **two** field-specific **courses** from the following:

Health 6210 3.0: The Political Economy of Health Inequities

Health 6220 3.0: Human Rights and Health Equity

Health 6230 3.0: Health Equity: Analytic Orientations

Finally, students must complete **two elective courses** from the remaining Health course roster, with a maximum of one course from another graduate program upon Graduate Program Director approval. The course requirements outlined are designed to ensure that students benefit from the interdisciplinary nature of the program.

2. Major Research Paper

Students completing an MA in Health must complete a major research paper. Students develop a research topic given their interests in specific areas and are supervised by faculty members with related or relevant expertise. The major research paper trains students to achieve the educational objectives of being able to formulate an original, researchable question and to address it through an appropriate theoretical framework, a review and synthesis of the literature, an analysis of primary or secondary data sources and the formation of a set of conclusions. It also affords students the experience of working independently on a project under faculty supervision. The major research paper is evaluated by the student's major research paper supervisor and advisor through the written work and through an oral presentation at which the student's ability to answer questions related to the major research paper is assessed. It is evaluated on the extent to which the student meets the cited educational objectives. The length of the major research paper is 50 pages (double-spaced), with an upper limit of no more than 65 pages (double-spaced), excluding references and appendices.

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

Students with a master's degree who wish to be considered for admission to the PhD Program in Health must:

- ❖ have completed a master's degree with a B+ average or equivalent in a field of study related to health policy, health management or health informatics. Related disciplines might include psychology, life sciences, political science, management or nursing;
- ❖ provide a statement of interest demonstrating commitment to advanced research in the field. The statement should include a discussion of the applicant's background, interests, skills and career goals, along with a proposed field of study and research interests;
- ❖ demonstrate ability in writing and research by submitting a recent research paper or report that the applicant has written for a course or in an employment context; and,
- ❖ provide three letters of reference, from at least one university faculty member and preferably two from university faculty members. Equivalencies (letters from non-university professional colleagues) will be considered for applicants who have been out of school for more than five years.

Applicants are assessed based on academic achievement and/or demonstrated capacity or potential for advanced work in an applied area. The statement of interest and submitted research paper or report provide a basis for evaluating that potential.

Candidates with backgrounds in varying disciplines are assessed by the admissions committee on a case-by-case basis. The most important factors remain research excellence and research potential as demonstrated through competitive grade standing, favourable reference letters and publications.

DEGREE REQUIREMENTS*

**Subject to Senate approval.*

Candidates for the PhD degree must successfully complete the following requirements:

1. Courses

PhD students in Health entering with a master's degree are required to take **seven 3.0 credit courses** in the first 1-2 years of study (as specified below).

Students entering with a master's degree in Health Policy & Equity from York's Graduate Program in Health must take **four 3.0 graduate courses** or equivalent within the first year of study (upon discussion with the supervisor and Graduate Program Director, with at least **two 3.0 courses** from the Graduate Program in Health).

'Non-standard' applicants, *i.e.*, with qualifications other than a master's degree, may be considered. These students must take **ten 3.0 credit courses** within the first two years of study (as specified below).

Generally, students entering with a master's degree are required to take the following courses:

Two core courses:

Health 5485 3.0: Public Policy and Health

Health 5405 3.0: Graduate Research Methods (can be replaced by equivalent number of credits upon supervisor and Graduate Program Director approval, if the student has taken an equivalent graduate course in research methods)

Two field-specific courses from the following:

Health 6210 3.0: The Political Economy of Health Inequities

Health 6220 3.0: Human Rights and Health Equity

Health 6230 3.0: Health Equity: Analytic Orientations

Finally, all students must complete the credit requirements corresponding to their admission category drawing from courses from the Health roster, with a maximum of **one 3.0 credit course** from another graduate program (or **two**, for students with a master's degree in Health Policy and Equity from York) upon Graduate Program Director approval. The course requirements outlined are designed to ensure that students benefit from the interdisciplinary nature of the specialization.

2. Comprehensive Examinations

The comprehensive examination consists of two written papers (about 25 double-spaced pages each, excluding references) and an oral examination.

Each paper must be comprised of a concise literature review and demonstrate command of the literature.

The first paper addresses theoretical tensions and debates in health policy and equity. The second paper addresses a dissertation specific area of study and includes an overview of methods (additional 5 to 10 double-spaced pages) under consideration for the dissertation.

Generally, the two papers are completed over **8 months** under the supervision of two faculty members of the Graduate Program in Health. Affiliated faculty members may supervise one paper upon Graduate Program Director approval. The supervisor of the first paper will be the advisor of the second paper. Conversely, the supervisor of the second paper will be the advisor of the first paper. In all cases, students should have an assigned dissertation supervisor no later than their fifth term of study. The Graduate Program Director will assist in students finding and confirming a supervisor.

For students entering with a master's degree, the comprehensive examination will normally take place in the second term of the second year (fifth term in the program). For students entering with a master's degree in Health from the Graduate Program in Health from York, the comprehensive examination will normally take place in the first term of the second year (fourth term in the program). For non-standard entrants, the comprehensive examination will normally take place during the 3rd term of the 2nd year (6th term in the program). Under exceptional circumstances the comprehensive examination will take place later. A maximum of two substantive revisions are allowed for each paper in advance of the oral examination.

During the oral examination, students must demonstrate a comprehensive knowledge of scholarly theoretical and empirical work in the areas that were the foci of the written papers. Students will pass, pass with revisions or not pass. Students who do not pass will be permitted to retake the examination once. The re-examination will take place within three months of the date of the first examination. A second failure will result in withdrawal of the student from the program.

3. Dissertation

After successful completion of the comprehensive examination students will focus on the dissertation process. The dissertation must make an original contribution to scholarship in the student's specified topic. The dissertation process includes:

- ❖ The establishment of a supervisory committee. This committee will be comprised of three faculty members (generally, albeit not necessarily, members of the comprehensive examination committee), at least two of whom must be members of the Graduate Program in Health. The supervisor must be a full-time faculty member from the Graduate Program in Health. The third member may be appointed to a graduate program other than Health. In all cases a supervisory committee should be established no later than the seventh term in the program. The Graduate Program Director will assist in students forming a supervisory committee.
- ❖ The preparation of a dissertation proposal. A dissertation proposal should normally be completed within one term following the comprehensive examination. Students will be expected to present their proposal at the Graduate Colloquium in Health or similar forum intended as sites to exchange ideas and present research. The proposal must be approved by the supervisory committee, the Graduate Program Director, and the Faculty of Graduate Studies prior to the initiation of the research project.
- ❖ The conduct and write up of an original research project. This will include conducting the proposed doctoral research and writing up its rationale, methodology, findings and policy and equity implications in a dissertation format acceptable to the supervisory committee and formally approved as examinable by the members of that committee.

- ❖ The oral defence. The oral defence consists of the successful completion of an oral examination addressing the dissertation research and related matters and presided over by an examining committee recommended by the Graduate Program Director for approval and appointment by the Faculty of Graduate Studies.

All PhD students must abide by Faculty of Graduate Studies' requirements for completing their chosen program of study in a maximum of 18 terms.

HISTORY

In keeping with York University's commitment to interdisciplinarity and social justice, the Graduate Program in History encourages cross-disciplinary, transnational, and global perspectives. The faculty members of the program include professors and researchers with expertise in many kinds of history and in a variety of methods and approaches. The program emphasizes mastery of scholarship, intensive research, thoughtful analysis, and skilful written and oral communication.

The Graduate Program in History offers two degrees: the Master of Arts and the Doctor of Philosophy. Both may be pursued either full-time or part-time. Timelines described here are for full-time study. Part-time studies may be arranged as needed.

Graduate students in history may choose from a range of fields defined by geography and theme. Geographic fields include Africa and the Americas, including the Caribbean; ancient history; Britain; Canada; East Asia; Europe; global and transnational histories; United States. Thematic fields include cultural history; gender, women, and sexualities; migration and ethnicity; politics, law and the state; sciences, health, and environments; social and economic history. Other areas of strength are indigenous history and imperialism and colonialism. These fields may be studied in different periods, notably ancient, late medieval/early modern, modern, and twentieth century.

RESEARCH RESOURCES

York University offers a rich variety of resources that may assist students in their research on many different historical topics. Located on York's Keele campus are the Clara Thomas Archives and Special Collections at Scott Library, and the Archives of Ontario in the Kaneff Tower. Research centres include the Robarts Centre for Canadian Studies; the Harriet Tubman Institute for Research on Africa & Its Diasporas; the York Centre for Asian Research; the Centre for Research on Latin America & the Caribbean; the Centre for Feminist Research; the Israel & Golda Koschitzky Centre for Jewish Studies. Academic expertise that may be helpful to some graduate students in history can also be found in faculties such as the Faculty of Environmental Studies, the School of Gender, Sexuality & Women's Studies, the Faculty of Health, the bilingual campus of Glendon College, and the Osgoode Hall Law School, as well as special programs such as Science & Technology Studies and Critical Disability Studies.

APPLICATION PROCEDURES

Please visit the Graduate Admissions website. Give time for the several steps in the process and to secure the required letters and documents.

To ensure consideration of your application in the first round, applicants must meet the posted deadlines. However, the program does accept late applications. For inquiries, please contact the Graduate Program Assistant.

MASTER OF ARTS PROGRAM ADMISSION REQUIREMENTS

An undergraduate honours degree in history or its equivalent from a recognized university with at least a "B+" average in the last two years equivalent of undergraduate study.

Students who have completed less than 6 full courses (or equivalent) in history at the undergraduate level should contact the Graduate Program Director for a preliminary assessment of their qualifications. In some cases, students may be encouraged to take additional undergraduate courses, at York or another university, before applying for the master's program. The program also welcomes applications from qualified candidates who may have been outside of academia for some years.

DEGREE REQUIREMENTS

The master's degree requires three terms of full-time study to complete, beginning in September and ending in August.

Fall and Winter Terms – coursework.

Summer Term – research and writing of the major research paper.

MA Degree by Coursework and Major Research Paper

This is the standard program of study for the MA degree in history. Candidates for the MA degree by coursework and major research paper must satisfactorily complete the following studies:

1. Courses

Students must complete **18 credits** of graduate-level coursework (5000/6000 levels). Normally this is done by taking **9 credits** in each of Fall and Winter Terms. With approval of the Graduate Program Director, up to **6 credits** may be taken in another York graduate program. Course selection is done in consultation with the Graduate Program Director.

2. Major Research Paper

Students must undertake research under the supervision of a member of graduate history faculty and write a substantial essay (usually 50-70 pages) on that research. The selection of the supervisor and formulation and approval of the topic are confirmed during Winter Term. The paper may build on research that the student has done as part of undergraduate or graduate studies, but it must include significant new and additional work.

A formal paper proposal is due by April 30. The completed essay must be submitted by August 31. The essay is evaluated by the supervisor and a second reader secured by the supervisor and approved by the Graduate Program Director.

MA Degree by Thesis

On occasion, for an interested and well-prepared student and with the permission of the Graduate Program Director, the program offers the option of an MA degree by thesis. Candidates for the MA degree by thesis must satisfactorily complete the following studies:

1. Courses

The student must complete **12 credits** of graduate-level coursework (5000/6000 levels), including at least **6 credits** in the Program in History.

2. Thesis

The thesis, developed under the supervision of a member of the graduate history faculty, involves original research reported in appropriate form in an extended essay (100-120 pages). The written

thesis is assessed by an examiner external to the program and then must be defended at an oral examination.

LANGUAGE REQUIREMENTS

All MA students are expected to be able to read such languages as are necessary for their research topic.

DOCTOR OF PHILOSOPHY PROGRAM ADMISSION REQUIREMENTS

A master's degree in History or equivalent with a minimum of a "B+" average from a recognized university. Successful applicants are expected to have completed a substantial research paper or project in some form of historical studies.

DEGREE REQUIREMENTS

The doctoral program has three principal components:

- 1) course requirements, usually completed in PhD 1;
- 2) demonstration of breadth of knowledge in three fields of historical scholarship through comprehensive examinations normally completed during PhD 2; and,
- 3) researching and writing a doctoral dissertation that demonstrates independence, originality, and an ability to contribute to historical knowledge at an advanced level of investigation, and an oral defence of the dissertation.

1. Courses

Students must complete **18 credits** of graduate-level coursework (5000/6000 levels). Normally this is done by taking **9 credits** in each of Fall and Winter Terms of PhD 1. With approval of the Graduate Program Director, up to **6 credits** may be taken in another York graduate program. Course selection is done in consultation with the Graduate Program Director and the supervisor with attention to preparing fields for the comprehensive examination.

2. Comprehensive Examination and Third Field Breadth Requirements

- a) To assure both breadth and background in preparation for the dissertation, students must demonstrate knowledge of three distinct fields selected from the program's list (below). Various combinations of the geographic and thematic fields may be chosen in consultation with the supervisor and the Graduate Program Director.
- b) Two of the three fields are covered by the comprehensive examination. The specific scope of the examined fields and the reading lists is set in consultation with the supervisor and the other examiners, and approved by the Graduate Program Director.

As components of the comprehensive examination, normally written in November of PhD. 2, the student submits a course syllabus or other presentation (e.g., website, exhibition plan) on an approved specialized topic and writes an exam in each of the two fields. Shortly after the two written exams, there is an oral examination covering both fields and the special project.

- c) For a third field distinct from the two examined ones, knowledge must be demonstrated by successful completion during PhD 1 of **6 credits** of relevant coursework approved by the Graduate Program Director. With permission, the third field requirement may be partly or wholly satisfied by courses related to the student's research that are offered in another graduate program.

3. Dissertation

- a) A dissertation proposal (15-20 pages) on an approved topic should be completed and submitted to the program office in the next term after the passing of the comprehensive exam. The names of the dissertation committee members must be submitted at the same time.
- b) Based on original research conducted while in program and incorporating critical understanding of the relevant literature, the doctoral dissertation (normally 250-350 pages) should make a significant contribution to historical knowledge.
- c) The dissertation is assessed by an external examiner and then must be successfully defended at an oral examination.

TIMETABLE

The PhD in History may normally be completed in five years.

PhD 1:

Fall and Winter Terms – coursework.
Summer Term – preparation for comprehensive exam.

PhD 2:

Fall Term – late in term, comprehensive exam.
Spring Term – submission of dissertation proposal.

PhD 3 – PhD. 4:

Research and writing of the dissertation.

PhD 5:

Submission of dissertation and defence.

LANGUAGE REQUIREMENTS

PhD students are expected to be able to read such languages as are necessary for their research topic. It is the responsibility of the supervisor to determine what is needed. Students working primarily in Canadian history must demonstrate a reading knowledge of French.

FIELDS OF STUDY

- ❖ Africa and the Americas, including the Caribbean
- ❖ Ancient history
- ❖ Britain
- ❖ Canada
- ❖ Comparative, Transnational and Global History
- ❖ Cultural history
- ❖ East Asia
- ❖ Europe
- ❖ Migration and ethnicity
- ❖ Politics, law and the state
- ❖ Sciences, health and environments
- ❖ Social and economic history
- ❖ United States
- ❖ Women, gender and sexualities

HUMAN RESOURCES MANAGEMENT

The Graduate Program in Human Resources Management offers an executive master's degree in Human Resources Management as well as a PhD in Human Resources Management.

These graduate degree programs explore issues such as organizational change, training and development, labour relations, strategic staffing, compensation, international human resources management, research methods, and the impact of human resources policies, practices and programs on employee and organizational performance. Pedagogical activities incorporate a wide range of teaching and learning methodologies such as lectures, case studies, simulations, seminars and supervised independent research. Students benefit from working with a cadre of internationally recognized professors who have been recruited from top universities in Australia, New Zealand, Singapore, China, the United States, the United Kingdom, Europe and Canada.

MASTER OF HUMAN RESOURCES MANAGEMENT PROGRAM

ADMISSION REQUIREMENTS

- a) Applicants must have an undergraduate honours degree (a four year degree*) with a minimum of a B+ average in the last two years of study. The honours degree does not have to be in a specific area, but preference is to be given to students with an undergraduate honours degree in human resources management or related area (e.g., business, administrative studies, psychology, labour studies or sociology).

**Applicants who have completed a three-year undergraduate degree with a minimum of a B+ average in the last two years of study and have extensive human resources work experience at a senior level may also be considered.*

- b) Applicants must demonstrate that they have acquired sufficient human resources education and/or experience to prepare them for a graduate degree in human resources.

Students may complete the master's program on a full-time basis (within four academic terms) or a part-time basis (within eight academic terms).

DEGREE REQUIREMENTS

Master in Human Resources Management Degree by Coursework

Candidates for the master's degree in Human Resources Management by coursework must successfully complete the following **six core courses**:

- Human Resources Management 6100 3.0: Staffing Organizations;**
- Human Resources Management 6200 3.0: Employee Training and Development;**
- Human Resources Management 6300 3.0: Strategic Compensation;**
- Human Resources Management 6400 3.0: Organizational Change and Development;**
- Human Resources Management 6500 3.0: Human Resources Management Effectiveness; and,**
- Human Resources Management 6600 3.0: Research, Measurement and Evaluation of Human Resources.**

Plus two of the following elective courses:

- Human Resources Management 6700 3.0: Labour Relations;**
- Human Resources Management 6800 3.0: Global Mindsets and People Management;**
- Human Resources Management 6910 3.0: Issues in Human Resources Management: Careers; and,**
- Human Resources Management 6920 3.0: Issues in Human Resources Management: Work/Life Balance.**

Master in Human Resources Management Degree by Major Research Paper

Candidates for the master's degree in Human Resources Management degree by research paper must successfully complete the following **six core courses**:

- Human Resources Management 6100 3.0: Staffing Organizations;**
- Human Resources Management 6200 3.0: Employee Training and Development;**
- Human Resources Management 6300 3.0: Strategic Compensation;**
- Human Resources Management 6400 3.0: Organizational Change & Development;**
- Human Resources Management 6500 3.0: Human Resources Management Effectiveness; and,**
- Human Resources Management 6600 3.0: Research, Measurement and Evaluation of Human Resources;**

Plus the major research paper: **Human Resources Management 6000 3.0: Major Research Paper.**

Evaluation Procedures for Research Papers

Selected students may be given the opportunity of completing a major research paper under the supervision of one of the program's faculty members. This paper is evaluated on a pass/fail basis by the supervisor and one other member of the Graduate Program in Human Resources Management. A major research paper is a substantive piece of written work (average length 75 pages). It differs from a paper submitted for course work in that it is longer, must demonstrate the student's understanding of research methods, be an original piece of research employing critical analysis, and should result in a paper of publishable quality.

Before commencing the major research paper, a student is required to:

- 1) obtain approval from a faculty member in the program that the faculty member is able to directly supervise the progress and completion of the major research paper; and,
- 2) obtain permission from the Graduate Program Director.

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

Applicants must:

- ❖ have completed a master's degree in human resources management or in a related field from a recognized university with a minimum B+ average;
- ❖ submit a statement of research interests and attend an interview;
- ❖ submit three letters of reference; and,

- ❖ for students whose first language is not English, have a minimum Test of English as a Foreign Language score of 600 (paper-based) or 250 (computer-based); or a York English Language Test score of 1.

Some applicants to the program will have successfully completed graduate level courses that are the equivalent of the required course in univariate statistics and human resources management theory and practice prior to admission. These candidates may apply for advanced standing in this either one or both of these course. Candidates granted advanced standing will be allowed to take the second year research method(s) courses.

DEGREE REQUIREMENTS

The program is designed for completion within four years on a full-time basis, but a candidate may wish to change to part-time only after the comprehensive exams and with the permission of the Graduate Program Director.

Program requirements include 24 credits of coursework, a comprehensive examination and a dissertation:

1. Courses

Year 1

Human Resources Management 7000 3.0: Human Resources Management Theory
Human Resources Management 7020 3.0: Quantitative Research Methods and Multivariate Statistics
Human Resources Management 7040 3.0: Univariate Statistics
Human Resources Management 7120 3.0: Seminar II

Year 2

Human Resources Management 7010 3.0: Qualitative Research Methods
Human Resources Management 7030 3.0: Teaching, Learning & Pedagogical Processes
Human Resources Management 7050 3.0: Multivariate Statistics
Human Resources Management 7110 3.0: Seminar I

Year 3

- ❖ Comprehensive examination
- ❖ Preparation of dissertation proposal
- ❖ Commencement of dissertation research

Year 4

- ❖ Dissertation

2. Comprehensive examination

Candidates are required to write a three-part comprehensive examination after successfully completing the required coursework. The examination is designed to assess the candidate's competence and knowledge in three areas: research methods; seminal and macro-human resources management research – material from Seminar 1; and micro-human resources management research – material from Seminar 2. The three parts of the exam (one in each area) are held on three successive days.

Candidates are given "Fail," "Pass" and "Pass with distinction" grades. A second and final exam may be allowed for candidates who do not pass the exam in their first attempt.

3. Dissertation proposal

All candidates are required to submit and defend a formal research

proposal during their third year in the program. The proposal defence involves a presentation to the program faculty members. In general, the proposal (approximately 3500 words) outlines the objectives for the study, the need for research on the selected issue, a review of the pertinent literature, and a discussion of the proposed methodology. To be acceptable, the proposal must be judged 'achievable' (*i.e.*, the research issue is well-defined, data and resources are available, the project can be completed within time, *etc.*), and deemed to contribute to the literature.

4. Dissertation

Each candidate writes a dissertation which is an embodiment of the results of their original research. The dissertation is written under the guidance of a principal supervisor and a committee, established for each candidate in accordance with the rules of the Faculty of Graduate Studies. The evaluation procedures ensure that the dissertation represents high-quality, original research deserving of a PhD in human resources management.

HUMANITIES

The Graduate Program in Humanities offers advanced training leading to the MA and PhD degrees. Drawing upon the demonstrated expertise of a wide range of faculty members within York University's Department of Humanities and related areas of study at York, the program aims to provide highly qualified students with a unique opportunity of doing specialized academic work in the diverse, cultural expressions of humanities. Humanities is a program of study whose very basis is the dynamic interaction between text and context in historical and comparative perspective, and whose methodology is explicitly and systematically interdisciplinary. It thus draws upon the interdisciplinary interests and approaches of much contemporary scholarship which is increasingly informed by general theoretical frameworks and issues that cannot be contained within the bounds of conventional disciplines. Within these broad dimensions, the Graduate Program in Humanities addresses critical issues involving western and non-western humanist traditions in contexts that are both historical and contemporary. The program's mandate is to produce graduates equipped to utilize the rich tools afforded by interdisciplinary scholarship in humanities within a broad range of pursuits not only within a university setting but also outside it.

The program fields are:

- ❖ comparative perspectives and cultural boundaries;
- ❖ religion, values and culture; and,
- ❖ the cultures, technologies and sciences of the modern.

These three fields represent the significant areas of teaching and research strength of York's Humanities faculty. The focus in each of the fields is the dynamic interaction between text and context.

COMPARATIVE PERSPECTIVES AND CULTURAL BOUNDARIES

This field critically engages questions of boundaries within the humanities. It locates analyses among and investigates the intersections between linguistic, national, geographic, temporal and medial boundaries. Theories and methods are drawn from a variety of both well-established and emerging fields of study, such as history, philosophy, comparative literature, gender studies and cultural studies. Similarly, this field approaches cultural texts—written, oral and visual—from a range of interdisciplinary perspectives.

Areas of particular interest include processes of cultural exchange and appropriation between “East” and “West”; hemispheric approaches to literature and culture; the interplay between dominant and marginalized culture(s); the contours of alternative histories; displacement and cross-cultural performance; transnational perspectives on historical, philosophical, political and aesthetic developments; cultural encounters through translations; relationships and tensions between the local and the global and between “elite” and “popular” cultures; critical perspectives on globalization and cultural production; and the social construction of the very notions of borders and boundaries. The program offerings reflect current interdisciplinary approaches to the study of culture, such as hermeneutics, social theory, deconstruction, post-colonialism and feminism.

RELIGION, VALUES AND CULTURE

This field is dedicated to exploring the complex ways in which texts in various disciplines across the humanities involve and express the interactions, past and present, among religion, values, and culture.

Religious “texts” are understood in the broadest terms possible, as encompassing various media, genres and materials. Courses in this field examine different modes of culture—material, social, institutional, symbolic, and intellectual—in light of the values that are embodied in and presupposed by diverse religions and philosophies. In focusing on texts from one or more traditions, students have the opportunity to explore, in interdisciplinary and comparative contexts, the intertwined processes of religious, ethical, and cultural formation.

The living interconnection between religious and cultural values—the dynamic ways in which the religious both shapes and is shaped by society—are examined in light of issues such as the following: the interactions among religious, philosophical, and aesthetic expressions of cultural identity; the political dimensions of religious thought, including, for example, the interplay between religion and post-colonial theory; the ways in which perceptions of gender are rooted in our religious and philosophical heritages (and thus the ways in which religious movements have both shaped and been shaped by issues related to gender); the relationship between tradition and change in the modernization of religious identity; the role that interpretation (hermeneutics) plays in philosophical encounters with religious texts; the interrogation of the complex relations between the religious and the secular, the divine and the human, and faith and reason; the consideration of religious texts as both the creator and product of historical change, and thus of the paradox that, as these texts are interpreted by their readers, they equally interpret their readers. The study of the above and other issues encompasses not only different traditions but also different geographical locations and historical periods.

THE CULTURES, TECHNOLOGIES AND SCIENCES OF THE MODERN

This field explores the cultures of the modern in various ways—as historical and structural transformations, as aesthetic movements and as contributions to a conception of modernity. It interrogates technologies not only as the instruments and mechanisms pervading modern cultures, but also as constitutive forms through which we access our world and which inform the ways in which we view cultural phenomena as well as ourselves. It also interrogates the ways in which science acts as a method and a model not only in the natural sciences, but also in the human sciences and in philosophy as a science of knowledge.

Areas critically examined in this field include the transition from the pre-modern to the modern; the heuristic and ontological status of alternative modernities; the connections between modernity and globalization; the boundaries of technology and the human; the development of modern cultural institutions such as the university, the museum, the cinema, the café and the world exhibition; the emergence of a set of theories and methods associated with the human sciences; the scientific and technological practices that have contributed to the making of the modern world; the emergence of a public sphere, and interactions between national, global, elite and popular cultures; the city as a crucible of the modern; and contemporary challenges and contestations of the project of the modern. Courses draw upon a wealth of interdisciplinary scholarship based on aesthetic and cultural analysis, the history of philosophical ideas and political thought, science and technology studies and cultural/human geography.

MASTER OF ARTS PROGRAM

ADMISSION REQUIREMENTS

The deadline for applications is published on the Admissions website.

Applicants must have:

- ❖ an honours BA in an area relevant to graduate study in humanities, or its equivalent, with a grade average of at least B+ in the last two years of study;
- ❖ three letters of recommendation;
- ❖ a statement of intention which provides a cogent rationale for undertaking interdisciplinary study of culture in humanities; and,
- ❖ a sample of written work relevant to graduate study in humanities.

DEGREE REQUIREMENTS

The MA program is a one-year program of study whose purpose is to introduce students to graduate study in humanities. It is open to qualified students who do not or may not plan to pursue graduate study in the humanities or in other professional degree programs beyond the MA and also to qualified students who plan or may plan to continue their studies in the humanities at the doctoral level or in other professional degree programs.

All MA candidates are required to develop a plan of study in which they provide an integrated, coherent rationale for their studies as they relate to their course work, participation in the humanities graduate seminar, and major research essay. The plan of study must demonstrate interdisciplinarity in the study of culture in humanities and be approved by the Graduate Program Director. A preliminary plan must be discussed with the Graduate Program Director at the beginning of their first term, with the end of that first term as the deadline for a final plan approved by the Graduate Program Director.

The faculty member adviser for all MA candidates is the Graduate Program Director, who is responsible for ensuring that students complete their degree requirements in timely fashion and for providing students with general academic advice (with regard, for instance, to preparing their major research essay, participating in the graduate humanities seminar, and applying for scholarships and teaching fellowships in subsequent years if they intend to continue their study after their MA).

1. Course Requirements

- a) Students are required to take the equivalent of three full graduate courses consistent with their plan of study;
- b) one of the courses must be **Humanities 5100 6.0: Core Practices and Methodologies in Humanities Research**;
- c) at least two of the three courses must be in the Graduate Program in Humanities; and,
- d) one of the three courses may be a directed reading course (**Humanities 5000 3.0 or 6.0**), as approved by the Graduate Program Director.

2. Major Research Essay

Students are required to demonstrate in a major research essay their grasp of a subject within the interdisciplinary study of culture in humanities. The major research essay may be related to the work that students have done in one or more of their courses, but it must demonstrate independent research. It is normally to be completed by the end of the summer of the first year of study. The major research essay is formally evaluated and graded by two humanities faculty

members chosen by the Graduate Program Director in consultation with the student. One of these faculty members serves as supervisor, the other as second reader.

TIME LIMITS

Full-time master's candidates are expected to complete degree requirements within 12 months and must complete in 24 months or revert to part-time status.

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

The deadline for applications is published on the Admissions website.

Applicants must have:

- ❖ MA degree with a grade average of at least B+ in an area relevant to undertaking doctoral study in humanities, or its equivalent;
- ❖ three letters of recommendation;
- ❖ a statement of intention which provides a cogent rationale for undertaking interdisciplinary study of culture in humanities; and
- ❖ a sample of written work relevant to graduate study in humanities.

DEGREE REQUIREMENTS

The PhD program is a multiyear program of advanced graduate study whose purpose is the training of students to become highly qualified scholars in humanities. The program culminates in the preparation of a dissertation that makes an original contribution to scholarship in humanities. The program is open to qualified students who want to obtain advanced scholarly training in the interdisciplinary study of culture in humanities.

All PhD candidates are required to develop a plan of study in which they provide an integrated, coherent rationale for their studies as they relate to their course work, presentation to the humanities graduate seminar, comprehensive examination and dissertation. The plan of study must demonstrate interdisciplinarity in the study of culture in a humanities context and be approved by both the student's supervisor and the Graduate Program Director. Candidates discuss their plans with the potential supervisors and the Graduate Program Director at the beginning of their first term, with the end of the year as the deadline for finalizing the plan.

All PhD candidates must have a faculty member supervisor as agreed upon by the student, the faculty member, and the Graduate Program Director by the end of their first year in the program. Faculty member supervisors are responsible for ensuring that students develop an integrated, coherent plan of study and complete their degree requirements in timely fashion and for providing them with general academic advice (with regard, for instance, to participation in the graduate humanities seminar, preparing for their comprehensive examination; applying for scholarships and teaching fellowships; writing their dissertation; attending and contributing to scholarly conferences and learning how to prepare scholarly papers for publication in learned journals; and undertaking a job search which may require the preparation of a detailed teaching dossier).

1. Course Requirements

- a) Students are required to take the equivalent of three full graduate courses consistent with their plan of study, as approved by their supervisor and the Graduate Program Director.
- b) At least two of the three courses must be in the Graduate Program in Humanities.

- c) One of the three courses may be a directed reading course (**Humanities 6000 3.0 or 6.0**), as approved by the student's supervisor and the Graduate Program Director.
- d) Students are required to take **Humanities 6500 3.0: Advanced Practices and Methodologies in Humanities Research** as part of their course requirements.

2. Comprehensive Examination

The objectives of the comprehensive examination are to prepare and qualify students to teach undergraduate courses in the areas examined and to equip students with the specialized knowledge they need to undertake research on their doctoral dissertation. The comprehensive examination is oral rather than written. Students are normally expected to take the examination at the end of their second or at the beginning of their third year of registration. Candidates are required to demonstrate comprehensive knowledge within the designated areas on the examination. Evidence of such comprehensive knowledge is assessed on the basis of the candidate's competence in providing answers to questions during the examination that address the material on the reading lists in relation to significant critical and theoretical issues. In the case of failure students are permitted to re-sit the examination only once, and the re-examination is to take place within six months of the date of the first examination. A second failure requires withdrawal from the program. The examination committee is composed of four faculty members: the Graduate Program Director or their representative; the student's supervisor; and two faculty members appointed to the Faculty of Graduate Studies (at least one of whom must be a member of the Graduate Program in Humanities) appointed by the Graduate Program Director in consultation with the student and the supervisor. Candidates for the doctorate must select two areas of study, the major and the minor. The comprehensive examination assesses the student's overall knowledge of both areas. The major area is a coherent and definable area of scholarship within one of the program fields:

- ❖ comparative perspectives and cultural boundaries;
- ❖ religion, values and culture; or
- ❖ science, technology and culture.

The major area is normally the broad area within which the dissertation is written and the area in which graduates would claim to be able to offer courses at the undergraduate survey level. The minor area is a more specialized subsection of the major area. The minor area covers the more specialized knowledge that students need to research and to write their dissertation. It is also the area in which graduates would claim to be able to offer upper-level courses or research seminars. The definition of the major and minor areas are determined by the Graduate Program Director, the candidate and the dissertation supervisor and approved by the Graduate Program Director at least six months before the qualifying examination. Students are required to prepare reading lists for both the major and minor areas of their comprehensive examination and to have them approved by their dissertation supervisors.

3. Language Requirement

Students who are working in an area where they only need English must demonstrate to the members of their supervisory committee that they are able to read one language other than English. The minimum standard expected is that students should have a reading knowledge of that language; *i.e.*, that they should be able to read in that language with a dictionary.

Students working in an area where a language or languages other than English are necessary for their research must demonstrate to the

members of their supervisory committee that they have the ability to read primary sources and/or scholarly literature in the relevant language or languages. Students in this category will demonstrate their knowledge of the language or languages either by completing a language course or by some other means as recognized by the supervisory committee.

4. Dissertation

Students are required to prepare a dissertation in which they make an original contribution to humanities scholarship in the interdisciplinary study of culture. The completion of the dissertation must involve the following four steps:

- ❖ the establishment of a supervisory committee of three members, at least two of whom will be members of the Graduate Program in Humanities. The third member may be appointed to a graduate program other than Humanities;
- ❖ the preparation of a dissertation proposal, which must normally be approved the supervisory committee within three months of completing the final comprehensive examination, and approved by the Graduate Program Director and the Faculty of Graduate Studies;
- ❖ the writing of a dissertation acceptable to the supervisory committee and in the end formally approved as examinable by the members of that committee;
- ❖ the holding of an oral examination, centred on the dissertation and matters related to it, and presided over by an examining committee recommended by the Graduate Program Director for approval and appointment by the Dean of Graduate Studies (Faculty Regulations: "Dissertation Examining Committee").

TIME LIMITS

Full-time students are expected to complete their studies within five to six academic years of admission. The Faculty time limit for the doctoral degree is 18 terms of continuous registration.

INFORMATION SYSTEMS & TECHNOLOGY

The Graduate Program in Information Systems & Technology was created to address advanced topics in information technology (IT) through a dual focus approach. This approach aims to combine the application of research-based knowledge with the real world challenges experienced by working professionals in IT. Offered in both part-time and full-time formats, the program fits the needs of IT academics and professionals alike.

As part of the leading interdisciplinary institution in Canada, this graduate program explores various ways in which the integration and customization of new and existing technologies can meet the needs of a wide range of users. Fostering creativity and productivity across a variety of sectors is a major aim. To this end the program benefits from the unique position it occupies between the disciplines of computer science and business studies. The program investigates the intersection of IT with a range of disciplines, from business to the sciences, to the arts and humanities.

Students benefit from a close relationship with faculty members who have a strong background in research and publication as well as consistent success in competitions for research funds. Students have the opportunity to work with faculty members who are engaged in major, ongoing projects of a national or international nature.

MASTER OF ARTS PROGRAM

ADMISSION REQUIREMENTS

To be considered for admission, candidates must have completed an honours undergraduate degree program (typically a four-year degree), in information technology or a related field, from a recognised postsecondary institution, with a minimum grade point average of B+ in the last two years of study. Related disciplines may include but are not limited to library science, health informatics, or computer science and engineering.

Applicants with an honours bachelor's degree in an area other than those listed above may be considered for admission if they have at least five years work experience at a senior level in the field of information technology.

All applicants must:

- ❖ submit a curriculum vitae.
- ❖ provide 3 letters of reference.
- ❖ submit a written statement describing research experiences and areas of interest. The statement should be one to two pages long. Advanced standing is not available and transfers are not accepted.

Proof of language proficiency is required for applicants who do not meet one of the following criteria:

- ❖ their first language is English; OR
- ❖ they have completed at least one year of full-time study at a recognized university in a country (or institution) where English is the official language of instruction.

A minimum Test of English as a Foreign Language score of 577 (paper based) or 90 (internet-based) or International English Language Testing System 7, or York English Language Test 4 is required.

DEGREE REQUIREMENTS

Students have three options for completing their program of study. They must select one of the following options prior to beginning the program. Option changes are possible with the approval of the Graduate Program Director.

Thesis Option

Five 3.0 credit courses and a thesis.

Major Research Paper Option

Seven 3.0 credit courses and a research project.

Coursework Option

Ten 3.0 credit courses.

Students choosing the coursework option are advised that this option may limit their eligibility for most PhD programs in the area of information technology.

Students must successfully complete the following:

The required half course:

Information Systems & Technology 6310 3.0: Research Methods in Information Technology

An additional **12 credits** (thesis); **18 credits** (major research paper); **27 credits** (coursework) from the Graduate Program in Information Systems & Technology core:

Information Systems & Technology 5210/4010 3.0: Systems Analysis and Design

Information Systems & Technology 6205 3.0: Advanced Web Mining

Information Systems & Technology 6110 3.0: Business Process Management and Service Oriented Architecture

Information Systems & Technology 6120 3.0: Systems Requirements Management

Information Systems & Technology 6130 3.0: Service Oriented Computing

Information Systems & Technology 6140 3.0: Software Product Lines

Information Systems & Technology 6150 3.0: Information Systems Architecture

Information Systems & Technology 6210 3.0: Advanced Information Retrieval Systems

Information Systems & Technology 6220 3.0: Advanced Information Management

Information Systems & Technology 6230 3.0: Health Information Systems

Information Systems & Technology 6320 3.0: Information Technology and Organizational Strategy

Information Systems & Technology 6330 3.0: Designing and Building e-Business Application

Information Systems & Technology 6340 3.0: Application and Design of Metaheuristics

Information Systems & Technology 6970 3.0: Advanced Topics in Information Technology

Up to **six credits** of elective courses from other units may be taken in place of credits from the Graduate Program in Information Systems & Technology core, where appropriate, to support students' research or career specializations, and with permission of their supervisors and the Graduate Program Director. Students may choose from the following list or suggest suitable alternatives:

Critical Studies in Disability 5060 3.0: Disability in an Age of Information Technology
Communication & Culture 6500 3.0: Advanced Communication Technology
Computer Science & Engineering 5441 3.0: Real-time Systems Theory
Computer Science & Engineering 6412 3.0: Data Mining
Computer Science & Engineering 6590A 3.0: Special Topics: High-Performance Computer Networks

Education 5850 3.0: Science, Technology and Society
Education 5855 3.0: Cultural Studies of Technology for Education
Education 5860 3.0: Issues in Digital Technology in Education
Education 5861 3.0: Digital Literacies and Social Media
Education 5862 3.0: Gender, Equity, New Technologies & Education/Same as Women's Studies 6122 3.0:
Education 5863 3.0: Digital Games and Learning
Humanities 6306 6.0: The Wired World: Technology and Contemporary
Mathematics & Statistics 6340 3.0: Ordinary Differential Equations
Mathematics & Statistics 6630 3.0: Applied Statistics I
Mathematics & Statistics 6651 3.0: Advanced Numerical Methods
Mathematics & Statistics 6931 3.0: Mathematical Modeling

INTERDISCIPLINARY STUDIES

GRADUATE FACULTY MEMBERS

The Interdisciplinary Studies master's program is intended to encourage studies of an interdisciplinary nature. It provides students with an opportunity to pursue independent, innovative research which bridges disciplinary categories. Each student works closely with scholars in fields related to a research topic. There is a wide range of interdisciplinary topics which may be proposed for study, including combinations which embrace fine arts and the sciences, the social sciences and humanities and law. Successful application depends on the viability of the topic proposed and the availability of supervisors and resources.

This unique program draws as necessary on all available faculty at York who are eligible to teach at the graduate level. Members of the faculty participate according to the range of expertise and interest required by the specific interdisciplinary topics proposed by individual students.

MASTER OF ARTS PROGRAM APPLICATION PROCEDURE

Students should apply as early as possible because places are limited, and because much time is required to set up a coherent, individualized program of study. Applicants are expected to accept or decline admission within one month of the date of the offer of admission. Application forms and further information, including deadlines, is available online, or may be obtained from the Graduate Admissions Office, P.O. Box GA2300, Bennett Centre for Student Services Centre, York University, 4700 Keele Street, Toronto, Ontario, M3J 1P3, Canada; telephone: (416) 736-5000.

Where possible, applicants are expected to meet with the Graduate Program Director to discuss their proposals, at 235 McLaughlin College, York University, 4700 Keele Street, Toronto, Ontario, M3J 1P3, Canada. Further enquiries may be directed to (416) 736-5126; or gradinst@yorku.ca.

ADMISSION REQUIREMENTS

To be considered for admission as a candidate a student must have an honours degree from a recognized university, with an A or B+ standing or with equivalent qualifications. In consideration of acceptable qualifications, evidence of satisfactory studies and/or other relevant experience, portfolios of work, letters of recommendation, and results of tests are taken into account. Applicants are required to submit a draft thesis proposal that integrates three fields of study, and a list of graduate faculty members who are willing to serve on the supervisory committee. See the general admission requirements in the Faculty Regulations for further information.

Between the time of the student's application for admission and registration as a candidate, the Graduate Program Director presides over the formation of a supervisory committee of three members of the graduate Faculty selected according to the academic interests of the student. The supervisory committee and the student together plan an appropriate program of study. Each student's plan of work must be approved by the supervisory committee before registration.

No student may work towards a degree in any single subject through the Interdisciplinary program; if the student's interests fall within the range of established programs of a disciplinary nature, the application is referred to the relevant admissions committee.

DEGREE REQUIREMENTS

MA Degree by Thesis

To ensure coherence in a candidate's studies and a sufficient integration of the various fields, a thesis on an interdisciplinary topic is the focus of the student's program. The thesis should demonstrate the candidate's originality and understanding of the area of investigation.

Apart from the thesis, candidates must fulfil the following requirements:

1. Courses

a) Successfully complete **18 course credits**, or the equivalent, at the graduate level selected in consultation with the supervisory committee. Typically students take **3.0 credits** in each of their three disciplines and **3.0 credits** in a research methodology course if doing research involving human subjects for their thesis. In certain cases one of these courses may be a directed reading course.

b) Six of the **18 course credits** are the program's compulsory **Interdisciplinary Studies 5000A 3.0: Seminar in Interdisciplinary Studies** and **Interdisciplinary Studies 5000B 3.0: Theory/Practice**. **Interdisciplinary Studies 5000A 3.0** is open throughout a student's enrolment in the programme; in it, students are expected to participate in regular discussions on their specific areas of study with their supervisory committees. These discussions serve the function of an interdisciplinary seminar and are graded as a regular course. With respect to **Interdisciplinary Studies 5000B 3.0: Theory/Practice**, this foundational Interdisciplinary Studies course studies interdisciplinary theory and practice as well as requiring students engage in activities that professionalize their interdisciplinary work. It examines representative ways of thinking in interdisciplinary terms and selected methodological approaches to interdisciplinary research, which students apply to their own intellectual or artistic praxis. This course requires students work, sometimes in groups, to professionalize their academic development: prepare colloquia, theses/defences, write proposals and give conference presentations, submit publications for review, apply for grants, format CVs, submit job applications. This course is graded as pass/fail at its finish.

2. Supervision

Normally all students enrolled in the program must meet with their supervisors at least once a month and with the full supervisory committee at least once each term.

TIME LIMITS

Candidates registered as "full-time" in their first year are normally expected to complete the requirements for the MA in Interdisciplinary Studies within two years. Those registered "part-time" in their first year normally do so in three years. For an extension of these time limits, students must petition the program and the Faculty of Graduate Studies.

LANGUAGE AND COGNATE REQUIREMENTS

There is no foreign language requirement for the MA in Interdisciplinary Studies, but a candidate's supervisory committee

may require the candidate to demonstrate a reading knowledge of such languages as are necessary to enable the student to use the major secondary and primary sources relevant to the thesis. When appropriate, other skills or preparatory courses (*e.g.*, statistics, computer science, research methods) may be required in addition to other course requirements.

COURSES

Students must take **18 course credits** at the graduate level. Since plans of work are built around students' special interests, each candidate's program of study is different. The Graduate Program in Interdisciplinary Studies requires that students enroll in **Interdisciplinary Studies 5000A 3.0: Seminar in Interdisciplinary Studies** and **Interdisciplinary Studies 5000B**

3.0: Theory and Practice. Candidates are eligible to register in any courses in other graduate programs, typically **one 3.0 credit course** in each of their three disciplines, dependent on the consent of their supervisory committee, the Graduate Program Director and the director of the course in question. Students are expected to select courses relevant to their plans of study in consultation with their supervisory committee. When specific courses do not exist or are not being offered at York University, students are permitted to take a directed reading course under the rubric of **Interdisciplinary Studies 5010** or **Interdisciplinary Studies 5020**. Students may not take more than **6.0 credits** in directed reading courses. Students doing research with human participants for their thesis are strongly encouraged to take a research methods course as a part of their **18.0 credits**.

INTERNATIONAL BUSINESS ADMINISTRATION

INTERNATIONAL MASTER OF BUSINESS ADMINISTRATION

The Schulich International MBA (IMBA) is designed for Canadian and international students who want to launch a career in international business and stand out from the crowd. It is a full-time program for the first year with the option to go part-time in year 2.

With the increasingly globalized operating environment of organizations, and the pressing need for managers with a holistic, integrated, and culturally appropriate approach to solving business problems, the IMBA program strives to develop internationally experienced business professionals ready to make significant contributions to the performance of their organizations and to the well-being of society.

The IMBA program is designed around three interrelated themes: global orientation, functional business management education and professional development. The IMBA takes an experiential approach to business education. The interactive pedagogy of globally-oriented functional business courses including regional analysis, combined with professional development skills development and personalized coaching, provides IMBA graduates with all-inclusive management skills expected by employers worldwide. Students will apply and reflect on the concepts and skills acquired in the first 2 terms during an international work term assignment. For more information, please visit:

<http://schulich.yorku.ca/programs/imba>

ADMISSION REQUIREMENTS

- ❖ An undergraduate degree from a recognized post-secondary institution with a minimum B average in the last two full years (or equivalent) of academic work. Applicants with three-year degrees may be considered for admission with an additional year of work experience (beyond the minimum required by the program).
- ❖ Two years of relevant full-time work experience is mandatory.
- ❖ Applicants are required to take the Graduate Management Admission Test (GMAT) or the Graduate Record Examination (GRE) and obtain competitive scores on all measures thereof.
- ❖ All applicants will have proficiency in at least two languages, including English. Applicants are required to declare an IMBA language of focus other than their mother tongue. A minimum speaking level of intermediate-high is required in the declared IMBA language for admission. Proof of proficiency is required after a conditional offer of admission by undertaking an official Oral Proficiency Interview (OPI) by a certified tester of the American Council for the Teaching of Foreign Languages (ACTFL).
- ❖ Applicants must submit at least two recommendations, with one from an academic, if possible.
- ❖ Proof of English language proficiency for applicants whose IMBA language is English: Test of English as a Foreign Language (iBT): 100 with minimum component scores of 23 or International English Language Testing System: 7.0 overall with minimum component score of 6.5. English as a Second Language (ESL) is reserved for students whose first language is not English.
- ❖ Completion of the online application including submission of essays, an up-to-date résumé and two references.

DEGREE REQUIREMENTS

Students must successfully complete:

- ❖ **30 plus all 0.0 credits of international management core courses,**
- ❖ **12 plus all 0.0 credits of experiential core courses,** and
- ❖ **24 credits minimum of electives** with overall grade point average (GPA) of 4.40 (B-).

In addition to the curriculum requirements, the Graduate Program in International Business Administration also requires an advanced facility with a declared IMBA language. This requirement is satisfied by an exit OPI level of Advanced-Mid or a progression of two levels from the student's entry level language fluency, whichever is lower.

This twelve month full-time program commences in September each year and completes with a work study (placement) in term three.

Please visit <http://schulich.yorku.ca> for more information.

KINESIOLOGY & HEALTH SCIENCE

The Graduate Program in Kinesiology & Health Science offers courses, research and professional training leading to a Master of Arts (MA), Master of Science (MSc), Master of Fitness Science (MFSc) and Doctor of Philosophy (PhD) degrees.

Our master's and doctoral research degree programs prepare students for opportunities for advanced study in the following areas of specialization:

- ❖ Molecular, Cellular and Integrative Physiology
- ❖ Neuroscience and Biomechanics;
- ❖ Health and Fitness Behaviours and,
- ❖ Socio-cultural and Policy Studies in Sport and Physical Activity.

AREAS OF RESEARCH

MA, MSc, MFSc and PhD

The Graduate Program in Kinesiology & Health Science offers courses, research training and professional training leading to MA, MSc, MFSc and PhD degrees. Choice of the MA or MSc for the research degree is determined by the background of the student, the research focus of the supervisor and the choice of courses. The non-thesis MFSc degree involves coursework and an extensive practical experience to prepare students for a variety of professional careers. The PhD degree is research intensive in the areas of specialization offered. The program offers opportunities for advanced study for students from areas such as kinesiology, biology, psychology, biomechanics, ergonomics, epidemiology, and socio-cultural and policy studies.

RESEARCH FACILITIES

The program's research areas are supported by well-equipped laboratories in which students carry out their research. Equipment in the laboratories studying the integrative physiology of exercise include centrifuges, spectrophotometers, a large molecular biology facility, DNA sequencing access, dark- and cold-rooms, cell culture facilities, equipment for the study of *in vivo* muscle function and biochemistry, thermal cyclers, and electrophoresis equipment. Laboratories studying health and fitness behaviours have oxygen and carbon dioxide analysers, gas mass spectrometers, acid-base status, cycle ergometers, treadmills, and equipment for cardiovascular reactivity testing. Laboratories studying neural and biomechanical movement control have equipment for recording mechanical and electrical properties of muscle, event-related brain potentials, eye and limb motion tracking, force/torque transducers, workplace simulation, single-cell neural activity, and transcranial magnetic stimulation effects. In addition, faculty members have access to brain imaging facilities at both the Toronto Hospital for Sick Children and the John P. Robarts Research Institute. Facilities are also available at the University Health Network, (Toronto General Hospital and Toronto Western Hospital Sites), and Cancer Care Ontario. All students have available to them computers with statistical and word processing software, as well as internet and email access. The Scott Library and Steacie Science Library, which house extensive collections of journals and books, are located on York University Keele campus.

RESEARCH STRENGTHS

General areas of faculty interest are listed below, grouped by the four fields of research. The specific interests of each faculty member are listed on the program webpage. Students must have the consent of a supervising faculty member with whom they will work closely and faculty members should be contacted directly for details about their research.

Molecular, Cellular and Integrative Physiology

- ❖ cardiovascular, neuromuscular and molecular muscle physiology
- ❖ respiratory/exercise physiology
- ❖ thermal regulation
- ❖ endocrinology and metabolism
- ❖ vascular biology/cell signalling

Neuroscience and Biomechanics

- ❖ neuromotor control/eye-hand coordination
- ❖ visual perception/attention/sensorimotor integration
- ❖ molecular neuroscience
- ❖ ergonomics/occupational biomechanics
- ❖ biomechanics of disease and injury

Health and Fitness Behaviours

- ❖ health psychology (eating disorders/behavioural cardiology/pain and aging/cancer prevention and treatment)
- ❖ epidemiology (physical activity and fitness, childhood injuries, chronic disease and aging, maternal and child health)
- ❖ rehabilitation of clinical populations
- ❖ health and sport

Socio-cultural and Policy Studies in Sport and Physical Activity

- ❖ socio-cultural study of sport, health and physical activity
- ❖ policy studies of sport and physical activity
- ❖ physical cultural studies

MASTER OF ARTS PROGRAM/MASTER OF SCIENCE PROGRAM APPLICATION PROCEDURE

Applications are available in October each year. When completing the online Graduate Application, applicants must select Fall for the start date. This program does not accept applications for Winter or Spring/Summer. Online applications must be submitted to Graduate Admissions at York University by the deadline posted on the website. All additional required documentation may be uploaded after the deadline. Application files are not reviewed until all required documents are received (*i.e.*, transcript(s), references, *c.v.s.*, statements of interest, online preferred supervisor forms). Review the "How to Apply" and "Complete Application" details on the graduate program's webpage. Offers of admission begin in March each year. Website and online application package: <http://kaahs.gradstudies.yorku.ca>

Applicants are encouraged to contact members of the graduate faculty directly for details about their research and specific interests before submitting an application.

ADMISSION REQUIREMENTS

To be considered for admission to the Faculty of Graduate Studies, a student must be a graduate of a recognized university, with at least a B+ standing in the last two years of study, or with qualifications accepted as equivalent by the Senate Committee on Admissions. In addition, students must have a strong background in one or more of these areas: physiology, psychology, neuroscience, biomechanics, biochemistry, epidemiology, molecular biology, socio-cultural and

public policy, depending on their area of interest. The Kinesiology & Health Science Graduate Committee will review the candidate's application and make recommendations to the Faculty of Graduate Studies. Applicants who cannot present an honours degree or its equivalent may be required to complete a makeup year at the undergraduate level with the supervisor's guidance. ***Please note that successful completion of a makeup year does not guarantee admission to the graduate program.***

DEGREE REQUIREMENTS

Subject to the supervisor's approval, candidates for the research thesis MA and MSc degrees are required to complete the following:

- one of either **Kinesiology & Health Science 6010 3.0** or **6020 3.0**,
- graduate seminar (**Kinesiology & Health Science 6210 3.0**),
- one practicum (**Kinesiology & Health Science 5400 3.0**),
- two half course electives from within the Kinesiology and Health Science graduate course offerings,
- one of either a second practicum (**Kinesiology & Health Science 5410 3.0**) or an elective graduate half course, as specified by the supervisor, and,
- a thesis or research paper that demonstrates independence, originality, and advanced understanding of the area of study.

After formal submission of the thesis, it is examined according to Faculty of Graduate Studies guidelines.

The research thesis practica, **Kinesiology & Health Science 5400 3.0** and **5410 3.0**, each involve 10 hours per week for 12 weeks, normally taken in the first year of study. Practicum work is limited to the training necessary for students to carry out their thesis research successfully, and may involve such activities as library research, conducting and assisting in experiments, data analysis and the preparation of written reports.

Students choosing the research paper option (available only in exceptional circumstances) also must take one additional half course that is relevant to the course of study, selected in consultation with the student's supervisor.

MASTER OF FITNESS SCIENCE PROGRAM

The non-thesis Master of Fitness (MFSc) degree involves coursework and an extensive practical experience to prepare students for a variety of professional careers including health promotion, sport and occupational fitness applications and exercise management for persons with chronic diseases or disabilities.

DEGREE REQUIREMENTS

Candidates for the MFSc degree are required to complete the following:

- one of either Univariate (**Kinesiology & Health Science 6010 3.0**) or Multivariate (**Kinesiology & Health Science 6020 3.0**) Statistics;
- two Practica (**Kinesiology & Health Science 5400 3.0** and **Kinesiology & Health Science 5410 3.0**);
- four half course electives from within the Graduate Program in Kinesiology & Health Science's course offerings; and,
- submit a written paper to the student's supervisor.

DOCTOR OF PHILOSOPHY PROGRAM APPLICATION PROCEDURE

Applications are available in October each year. When completing the online Graduate Application, applicants must select Fall for the start date. This program does not accept applications for Winter or Spring/Summer. Online applications must be submitted to

Graduate Admissions at York University by the deadline posted on the website. All additional required documentation may be uploaded after the deadline. Application files are not reviewed until all required documents are received (*i.e.*, transcript(s), references, *c.v.s.*, statements of interest, online preferred supervisor forms). Review the "How to Apply" and "Complete Application" details on the graduate program's webpage. Offers of admission begin in March each year. Website and online application package:
<http://kahs.gradstudies.yorku.ca>

Applicants are encouraged to contact members of the graduate faculty directly for details about their research and specific interests before submitting an application.

ADMISSION REQUIREMENTS

To be considered for admission to the doctoral program, applicants shall have: 1) at least a B+ standing in their last two years of study, 2) completed courses equivalent to those required for the current MSc/MA thesis degree in Kinesiology & Health Science at York, 3) a faculty member available for supervision and 4) been assessed as suitable for PhD level study by the Kinesiology & Health Science Graduate Executive Committee. The latter decision shall be based on such evidence as letters of reference, the applicant's written statement and the applicant's research and academic record. If the candidate is admitted with specified academic deficits, these shall be made up in the first year of doctoral study and shall not count towards required courses for the PhD.

DEGREE REQUIREMENTS

All candidates for the PhD degree program must fulfil the following requirements:

1. Courses

- Students shall complete **Kinesiology & Health Science 7200 3.0** and **7210 3.0: PhD Graduate Seminars** and their own **Dissertation Research**; and **at least two half courses at the 6000 level**. If the student has been awarded a master's degree from Kinesiology & Health Science at York University, or has been internally promoted from the master's into the PhD program, then these courses can either be from within or outside the Kinesiology & Health Science program.

In all other cases, at least one course must be from within the Kinesiology & Health Science program. The selection of elective courses shall be approved by the supervisor and supervisory committee. Additional course(s) may be taken as required by the supervisor and supervisory committee. Candidates must demonstrate to their supervisory committee a satisfactory knowledge of statistical and/or computational techniques insofar as these techniques are deemed necessary for the conduct of their research.

- Within 12 months (3 terms of registration) of entering the PhD program, the supervisory committee shall be formed and the student shall submit to the graduate program office an outline of the required and elective course work to be completed prior to graduation. The required and elective course work shall be determined by the supervisor in consultation with the student. Notwithstanding the 12-month time period mentioned above, the expectation is that students will enrol in courses prior to this deadline.

- Students shall complete **Kinesiology & Health Science 7200 3.0** and **7210 3.0: Graduate Seminars** by attending scheduled colloquia and seminars during the first two years of their studies.

The courses shall be graded on a pass/fail basis by the faculty member responsible for the seminar series. The content shall include visiting speakers, faculty and student presentations, as well as topics such as ethics, job preparedness, grant applications, and career options. Students shall give a presentation on their research at least twice during their tenure in the program, once during the proposal stage of their research and once at a later stage. These presentations shall be taken into account by the supervisory committee when assessing research progress in their **Dissertation Research**.

2. Comprehensive Examination and Dissertation

Proposal

The PhD comprehensive examination involves an in-depth review of two cognate topics and the dissertation grant proposal. Its purpose is to determine whether the student has sufficient mastery of the areas to continue in the graduate program. The first stage will be the cognate topics and the second stage will be the dissertation grant proposal.

STAGE 1: Cognate Topics shall be chosen so as to contribute to the student's overall knowledge of their area of specialization, without being directly related to the dissertation proposal. Two cognate topics are determined by and must be approved by the doctoral dissertation supervisor and two Kinesiology & Health Science faculty members who are familiar with the topic areas (normally supervisory committee members). Candidates must be provided with a minimal reading list from the members. The cognate topic papers are intended to be an outline for examining the candidate rather than a comprehensive review. The expectation is that the papers take no more than three months to complete. Examination will normally occur within 4 terms of registration in the PhD program. Students who do not meet this deadline will be put on academic probation for term five. Failure to meet requirement after term five will result in withdrawal from the Graduate Program for failure to meet academic standards. The duration of the examination shall be no more than two hours, and it shall follow standard oral examination procedure.

STAGE 2: Dissertation Grant Proposal enables the student to clarify the rationale and strategy for approaching the subject and permits members of the doctoral dissertation supervisory committee to provide advice to the student. The student may work in consultation with the supervisor in preparing the proposal. The proposal is written in the format of a grant application. Examination will normally occur within six terms of registration in the PhD program. Students who do not meet this deadline will be put on academic probation for term seven. Failure to meet requirements after term seven may result in withdrawal from the program for failure to meet academic standards. The duration of the examination shall be no more than two hours, and it shall follow standard dissertation defence procedure.

3. Student Evaluation and Graduation Criteria

Progress shall be evaluated by means of the *Student Progress and Evaluation Form* in accordance with the "Graduate Student Evaluation" section of the current program regulations. In addition to maintaining satisfactory evaluations throughout the course of study, the student shall submit and defend a dissertation based on research which demonstrates their independence, originality and understanding of the area of study at an advanced level. By the time of the defence, there is the strong expectation that the student will have had accepted for publication in a peer-reviewed journal at least one principal-authored manuscript stemming from their PhD research.

LAW

OSGOODE HALL LAW SCHOOL OF YORK UNIVERSITY

Osgoode Hall Law School offers two distinct graduate programs. The research program is thesis-based and is normally done on a full-time basis, at least initially. The Osgoode Professional Development program is course-based and can only be done on a part-time basis. Its programs focus on a variety of legal specializations.

RESEARCH PROGRAM

MASTER OF LAWS

ADMISSION REQUIREMENTS

To be eligible for admission to the LLM Program, candidates normally must possess an academic degree in law, having achieved a level of proficiency which, in the opinion of the Graduate Studies Committee, makes successful completion of graduate studies likely. Normally this will be at least the equivalent of a B average. Candidates must also possess the ability to work with legal materials in the English language. A very limited number of places are available to candidates with superior academic records, but without an academic degree in law, if the graduate studies committee is satisfied that their previous studies have prepared them to undertake legal studies at a graduate level. Applicants are recommended by the Law School for approval by the Faculty of Graduate Studies at York.

DEGREE REQUIREMENTS

LLM by Thesis

Candidates for the LLM degree by thesis must fulfill the following requirements:

1. Successfully complete at least **nine credits** in course work, including **Law 6610 3.0: Graduate Seminar**, and one **three credit** Study Group (**Law 6131 3.0**, **Law 6135 3.0**, **Law 6139 3.0**, **Law 6151 3.0** or **Law 6155 3.0**). Students entering without a LLB may be required to take additional courses, as determined by the Graduate Program Director of Law, in consultation with the student's supervisor.
2. Successfully complete a thesis, of approximately 125 pages in length, which reflects a substantial study of sufficiently high quality to warrant publication in a legal publication of repute. Candidates are expected to defend their theses by oral examination before an examining committee.

LLM by Major Research Paper

Candidates for the LLM degree by major research paper must fulfill the following requirements:

1. Successfully complete at least **15 credits** in course work, including **Law 6610 3.0**, Graduate Seminar, and one **three credit** Study Group (**Law 6131 3.0**, **Law 6135 3.0**, **Law 6139 3.0**, **Law 6151 3.0** or **Law 6155 3.0**). Students entering without a LLB may be required to take additional courses, as determined by the Graduate Program Director of Law, in consultation with the student's supervisor.
2. Successfully complete a major research paper, of approximately 65 pages in length, to be evaluated normally by two faculty members chosen by the Graduate Program Director of Law.

Law Major Research Paper. Upon completion of coursework, Master of Laws non-thesis candidates remain enrolled in the major research paper until completion of the program. *No course credit.*

DOCTOR OF PHILOSOPHY ADMISSION REQUIREMENTS

To be eligible for admission to the PhD Program, candidates normally must possess an academic degree in law, having achieved a level of proficiency which, in the opinion of the Graduate Studies Committee, makes successful completion of graduate studies likely. Normally this will be at least the equivalent of a high B average. Candidates must also possess the ability to work with legal materials in the English language. A very limited number of places are available to candidates with superior academic records, but without an academic degree in law, who have completed a graduate degree in another discipline, and whose studies are related to law. Normally, an LLM is a precondition to admission, but exceptional candidates may be admitted directly to the PhD from the LLB or its equivalent. Applicants are recommended by the Law School for approval by the Faculty of Graduate Studies at York.

DEGREE REQUIREMENTS

PhD students must take at least two courses, one of which is normally the graduate seminar, and also participate in a study group of their choosing. Participation in the study group is required in the first year of PhD studies and each year thereafter, provided PhD students are registered full-time. Students entering the PhD program without an LLM normally must take at least four courses, plus participate in a study group. One of those courses must be the graduate seminar. Note that these are minimum requirements. Often it is in the student's interest to take additional courses, and very occasionally students are required to do so.

PhD students must submit an extended dissertation proposal, normally by the end of their second semester. The proposal is examined by the student's committee. Except under circumstances requiring a delay, the examination and any required revisions must be completed before a student is allowed to register for the fourth semester. In the case of circumstances requiring the delay of this submission and/or examination, the supervisor indicates an appropriate timeframe for completion.

OSGOODE PROFESSIONAL DEVELOPMENT PROGRAM

MASTER OF LAWS

ADMISSION REQUIREMENTS

To be eligible for admission, an applicant normally must meet the following criteria:

CANADIAN COMMON LAW

A Bachelor of Laws degree or its equivalent from a university outside Canada or a Bachelor of Civil Laws (not a common law degree) from a Canadian university, with an overall B (75%) average or equivalent.

ALL OTHER SPECIALIZATIONS

An LLB or JD degree with an overall B average or equivalent. Applicants with less than a B average in the LLB or JD will be

considered provided they also have five years or more of relevant practice experience.

In cases where an applicant has relevant experience (typically five years) or where an applicant completed an LLB prior to 1985, a C+ average will usually be considered adequate for admission.

Applicants without an LLB or JD degree will be considered provided they have a university degree, a superior academic record and significant work experience related to the specialization for which they have applied. A graduate degree is preferred.

Applicants without an LLB or JD degree will be conditionally admitted based on completion of the one-week intensive course **General Law 6149 3.0: Introduction to Graduate Legal Studies**.
❖ *Note: General Law LLM is only open to applicants who hold an LLB or JD.*

Some students will also be required to take summer preparatory courses and foundational courses in Introduction to Canadian Law and/or Legal Research and Writing. These courses are generally required for students who have completed their law degree in a country other than Canada, the United States or the United Kingdom, and students admitted without an LLB or JD degree.

Language Requirement

Applicants whose first language is not English must produce proof of a score of 7.5 on the International English Language Testing System or any of the equivalent scores listed at <http://www.osgoodepd.ca/graduate-programs-and-courses/admissions-requirements/#Language>. Applicants who have completed at least ONE year of full time study at an accredited university where English is the ONLY official language of instruction at the institution level (not only the program level) are not required to provide a language test.

DEGREE REQUIREMENTS

Students in all specializations (except Canadian Common Law, where there is no research requirement) must successfully complete **36 required credits** including a research requirement to fulfill their degree requirements. At least **18** of the **required 36 credits** must be completed from among the home specialization, and up to **6 credits** of electives must be completed from outside of the home specialization and a research requirement.

The research requirement can be fulfilled through the following options:

- ❖ A major research paper (70 pages; **six credits**)
- ❖ An independent significant research paper (30 pages, **three credits**)
- ❖ A significant research paper (30 pages) completed as the means of assessment for one of the courses within the specialization.

Students completing their degree requirements through the major research paper or independent significant research paper option are required to complete **General Law 6101: Advanced Legal Research and Writing Skills**.

ADMINISTRATIVE LAW REQUIRED COURSES

Administrative Law 6765 3.0: Administrative Law Remedies
Administrative Law 6761 3.0: Some Theoretical Perspectives on Public Law and Administration
Administrative Law 6740 6.0: Overview and Current Developments

BANKING AND FINANCIAL SERVICES LAW REQUIRED COURSES

Law 6914 3.0: Foundations of Banking and Financial Services Law

BUSINESS LAW

Business Law 6735 3.0: Boards of Directors
Business Law 6749 3.0: Corporate Governance
Business Law 6870 3.0: Advanced Corporate Law
Business Law 6902 3.0: Corporate Finance
Business Law 6908 3.0: Corporate Remedies
Business Law 6909 3.0: Corporate Transactions

CANADIAN COMMON LAW REQUIRED COURSES

There are no required courses in this specialization, instead students are required to take at least **18 credits** of courses that are listed as “core” courses. If students choose to take all their credits from the Canadian Common Law core offerings, there is no significant research paper component to the degree requirements. Rather, students will do shorter research and writing assignments in each course, along with a final exam as required by the program’s accrediting body.

CONSTITUTIONAL LAW REQUIRED COURSES

Constitutional Law 6728 3.0: Constitutional Remedies
Constitutional Law 6726 3.0: Constitutional Theory
Constitutional Law 6725 3.0: Evidence and Procedure in Constitutional Litigation

CRIMINAL LAW & PROCEDURE REQUIRED COURSES

Criminal Law & Procedure 6786 3.0: The Theory and Practice of Punishment
Criminal Law & Procedure Law 6784 3.0: Problems of Proof
Criminal Law & Procedure Law 6782 6.0: Criminal Law & the Charter
Criminal Law & Procedure Law 6781 6.0: Issues in Criminal Law

DISPUTE RESOLUTION REQUIRED COURSES

Dispute Resolution 6300 6.0: Introduction to Dispute Resolution
Dispute Resolution Law 6301 6.0: The Theory and Practice of Dispute Resolution

ENERGY & INFRASTRUCTURE LAW REQUIRED COURSES

There are no required courses in this specialization, instead students are required to take at least **18 credits** of courses that are listed as “core” courses.

GENERAL LAW

There are no required courses in this specialization. Instead, students select courses from any specialization, excluding Canadian Common Law, provided that they have the prerequisites for the courses if applicable.

HEALTH LAW REQUIRED COURSES

Health Law 6860 3.0: The Canadian Health Care System: Legal Frameworks
Health Law 6861 3.0: The Canadian Health Care System: Bioethics and the Law

INTERNATIONAL BUSINESS LAW**International Business Law 6513 3.0: Introduction to Canadian Law****International Business Law 6508 3.0: Legal Research and Writing for International Students**In addition students must complete at least **21 credits** of courses that are listed as “core” courses.**INTELLECTUAL PROPERTY LAW REQUIRED COURSES****Intellectual Property Law 6750 3.0: Introduction to Intellectual Property: Theoretical Frameworks****LABOUR RELATIONS & EMPLOYMENT LAW REQUIRED COURSES****Labour Relations & Employment Law 6805 3.0: Theories and Perspectives in Labour & Employment Law****PRIVACY & CYBERSECURITY LAW****Privacy & Cybersecurity Law 6161 6.0: Privacy and Data Security from a Legal, Business and Technological Perspective****Privacy & Cybersecurity Law 6162 3.0: Privacy Law in Canada****Privacy & Cybersecurity Law 6163 3.0: Internet Censorship and Global Surveillance****Privacy & Cybersecurity Law 6164 3.0: The Law of Confidential Information****Privacy & Cybersecurity Law 6165 3.0: Special Topics in Laws Governing Data Use and Data Disclosure****SECURITIES LAW REQUIRED COURSES****Securities Law 6118 3.0: Foundations of Securities Law******Securities Law 6119 3.0: Securities Law: Theoretical Approaches****Securities Law 6741 6.0: Products, Transactions and Legal Structures****Securities Law 6745 6.0: Litigation and Enforcement*****Only required for students in the Securities Law LLM program who have not had practical or regulator training as securities lawyers in Canada. Students with this experience are not required to take this course.***TAX LAW REQUIRED COURSES****Tax Law 6100 6.0: Tax Policy, Statutory Interpretation and the Foundations of the Taxation of Individuals****SPECIALIZATIONS THAT ARE NOT CURRENTLY OFFERED**

- ❖ BANKRUPTCY AND INSOLVENCY LAW
- ❖ CHARITIES AND NOT-FOR-PROFIT LAW
- ❖ CIVIL LITIGATION AND DISPUTE RESOLUTION
- ❖ FAMILY LAW
- ❖ MUNICIPAL LAW
- ❖ REAL PROPERTY

LINGUISTICS & APPLIED LINGUISTICS

This one-year program offers an MA in Linguistics & Applied Linguistics, in which students opt for a program predominantly in the linguistics field or predominantly in the applied linguistics field.

The linguistics field centres on two interrelated areas, sociolinguistics and language contact:

- ❖ Sociolinguistics and language contact are linked through the study of language variation and change, particularly the role of social groups in initiating and propagating changes.
- ❖ Language contact and sociolinguistics also share an interest in the social and political relationships between groups from different linguistic backgrounds and in the manipulation of language to signal social relationships, identities and attitudes.

The applied linguistics field covers topics related primarily to second and foreign language education:

- ❖ These areas are broadly defined to include language pedagogy, second language acquisition, bilingualism, issues of culture and identity, literacy and multiliteracies, applied sociolinguistics, discourse analysis, communicative competence, language policy and planning, and language contact studies.
- ❖ While the main focus is on issues surrounding the teaching of English as a foreign/second language, the program also welcomes those with an interest in teaching an additional language.

Students enroll in one of these two fields. Students may enroll for full-time or part-time study. Full-time students can complete the MA after one calendar year's study (three terms), but special provision for additional time may be made for admissible students who lack some of the prerequisite courses.

The objectives of the PhD program are to educate candidates in linguistics and applied linguistics. The program approaches the study of language from a variety of perspectives, with a primary focus on language in its social context. Students may concentrate their research in any number of areas, ranging from core linguistics (phonetics/phonology and syntax), through sociolinguistics (discourse analysis, language contact, language variation and change, and language and law), to applied linguistics (language policy and planning, issues of culture and identity, and language pedagogy). The different approaches of faculty members' interests provide students with the opportunity to conduct research that bridges fields within the program.

APPLICATION PROCEDURE

Completed application forms, letters of recommendation, transcripts, and other required documentation are reviewed by faculty members, and admissions are made on a competitive basis.

MASTER OF ARTS PROGRAM

ADMISSION REQUIREMENTS

LINGUISTICS FIELD

A four-year BA degree (120 university credits) in linguistics or equivalent with a minimum of a B+ average in the last two years of study and

- 1) sufficient background in historical linguistics or sociolinguistics;
- 2) an acceptable upper year **3.0 credit course** in syntax; and
- 3) an acceptable upper year **3.0 credit course** in phonology.

OR,

An honours degree (*i.e.*, a four-year degree) with a minimum of a B+ average in the last two years of study in another subject with some courses in linguistics. Normally, students applying in this category are required to complete additional courses as specified by the program, and take two years to complete their degree.

APPLIED FIELD

A four-year BA degree (120 university credits) with a minimum of a B+ average in the last two years of study in an appropriate field.

OR

A three-year BA degree (90 university credits) with a minimum of B+ average in the last year in an appropriate field

PLUS

A university or college-administered certificate in Teachers of English to Speakers of Other Languages/Teaching English as a Second Language with a minimum of B+ average that conforms to Teachers of English as a Second Language Ontario standards. The three-year degree and certificate combined will be considered equivalent to a four-year degree.

All Applied Linguistics candidates are expected to have a minimum of two years of language teaching experience or equivalent (as assessed by the Admissions Committee).

Applicants to either field whose first language is not English must produce proof of a Test of English as a Foreign Language score of 600 or higher (on the old paper scale) or 250 or higher on the computer scale, or 100 or higher on the internet-based scale, or 7.5 on the International English Language Testing System, or the equivalent on the York English Language Test.

Applicants to **either** field with exceptional qualifications who do not meet the normal minimal requirements may submit their application for consideration by the Admissions Committee.

DEGREE REQUIREMENTS

Each student is required to have a graduate advisor who approves the student's program and monitors progress. Advisors are determined after the student has been accepted to the program.

Candidates in the **applied field** complete the MA degree by coursework.

Candidates in the **linguistics field** may choose to do either an MA degree by research paper/project **or** by thesis.

MA Degree by Coursework

Applied field students are required to successfully complete the following:

Courses

Eight 3.0 credit courses chosen from those offered by the Graduate Program in Linguistics & Applied Linguistics, in accordance with the requirements for the **applied field**.

MA Degree by Major Research Paper

Candidates in the **linguistics field** may choose to do either an MA degree by research paper/project **or** by thesis.

Students are required to successfully complete the following:

1. Courses

Six 3.0 credit courses chosen from those offered by the Graduate Program in Linguistics & Applied Linguistics, in accordance with the requirements for the **linguistics field**.

2. Major Research Paper

A research paper on a topic which demonstrates the student's ability to do original research. The topic must be approved by the supervisor of her/his research paper.

The major research paper of a major research project is shorter (average length 50-75 pages) than a thesis (average length 150 pages) and deals with a more restricted subject. Such papers require that a candidate demonstrate: a thorough understanding of the topic; the ability to work independently; and a degree of originality. Major research papers can be based on empirical research, a critical review of literature relevant to a subject area, or a combination of the two. Normally, the advisor and one other professor in the program determine the final grade.

MA Degree by Thesis

Students are required to successfully complete the following:

1. Courses

Four 3.0 credit courses chosen from those offered by the Graduate Program in Linguistics & Applied Linguistics, in accordance with the requirements for the **linguistics field**.

2. Thesis

A thesis on an approved topic which demonstrates the student's ability to do original research. The proposal must be approved by the candidate's thesis supervisor and members of her/his thesis committee and the Faculty of Graduate Studies. The thesis is evaluated according to the procedure for the evaluation of theses as outlined by the Faculty of Graduate Studies, including an oral examination, centred on the thesis and matters related to it.

❖ *Note: Selection of the thesis option automatically means that it will take more than the normal year (fall/winter terms, plus summer term) to complete the program.*

RESIDENCE REGULATIONS

Faculty of Graduate Studies' regulations require all students to register for a minimum of three full terms.

REQUIRED COURSES

For the **applied field**, students must successfully complete the following course:

Linguistics & Applied Linguistics 6500 3.0: Research Seminar in Applied Linguistics. Presentation and investigation of selected topics within the field of second language. The seminar provides a forum for the discussion and development of students' own research.

DOCTOR OF PHILOSOPHY PROGRAM

The program trains and educates candidates in linguistics in a way that prepares them for careers in teaching, research, government and the private sector.

The two structural fields for the program are linguistics and applied linguistics. Both these fields are broadly defined. Theoretical linguistics usually includes phonetics, phonology, morphology, syntax, semantics, language acquisition, and historical linguistics.

Applied linguistics is often defined as the study of second language pedagogy, second language learning strategies, second language acquisition, and language assessment, as well as discourse analysis and language policy issues. Sociolinguistics, the study of links between language and society, and an area where our program has particular strengths, helps to bridge the fields of linguistics and applied linguistics.

While linguistics and applied linguistics are the structural columns of the proposed program, the program encourages interaction and cross-fertilization between areas of interest represented within the program. This is a program in linguistics and applied linguistics, not linguistics or applied linguistics.

ADMISSION REQUIREMENTS

Graduates with a master's degree in linguistics (or equivalent) with a minimum B+ average may be admitted as candidates (PhD I) for the PhD degree.

DEGREE REQUIREMENTS

The PhD program is structured on a four-year model, as follows: first year: **six 3.0 credit courses**; second year: qualifying examination and dissertation proposal; third year: doctoral research; fourth year: doctoral research and dissertation completion.

PhD candidates must successfully complete the following:

1. Courses

Six 3.0 credit courses, chosen in consultation with the Graduate Program Director and the student's academic advisor. Students must take at least **one 3.0 credit course** outside of their area of concentration.

2. Qualifying Examination

A qualifying comprehensive examination to ensure that the student has sufficient grounding in their area of concentration before they proceed to doctoral research.

3. Dissertation Proposal

A dissertation proposal with an average length of 20 pages.

4. Dissertation

An acceptable dissertation with an average length of 250 pages. The dissertation is evaluated by a doctoral committee and includes an oral examination.

The PhD program in Linguistics & Applied Linguistics is not normally offered on a part-time basis.

MANAGEMENT

MASTER OF MANAGEMENT

The Graduate Program in Management is a one-year, three-term Master's program that provides a comprehensive understanding of management knowledge to students with non-business backgrounds.

The curriculum is designed to be highly experiential, addressing the skills necessary for success in organizations, such as communication, problem solving, and working in diverse, team-based environments. Students develop an understanding of how the major disciplines of management intersect, understand how to manage the obligation to act in a socially and ethically responsible manner, and apply quantitative and qualitative methods to solve management problems. In the final semester, students have an opportunity to apply these skills to a real organization through their participation in the culminating "Enterprise Consulting Project." During the project, students working in teams use the management foundations studied in the first two terms of the Master of Management program to develop actionable recommendations for the client organization.

The Graduate Program in Management commences in September each year. Please visit <http://schulich.yorku.ca> for more information.

ADMISSION REQUIREMENTS

- ❖ Applicants should possess a four-year undergraduate degree from a recognized university with a minimum B+ average in the last two full years (or equivalent) of academic work. A candidate with a three-year degree may be considered for admission with a minimum of one year of work experience. Applicants holding business/commerce degrees are not eligible for the MMgt program.
- ❖ Work experience is not mandatory. Applicants with two years or more of full-time work experience are not eligible for admission to

the MMgt and are encouraged to apply to the MBA.

- ❖ Applicants are NOT required to take the Graduate Management Admission Test (GMAT) or the Graduate Record Examination (GRE).
- ❖ Proof of English language proficiency if prior studies were not completed in English: Test of English as a Foreign Language (iBT): 100 with minimum component scores of 23 or International English Language Testing System: 7.0 overall with minimum component scores of 6.5. Strong applicants whose first language is not English and do not meet the above language requirements may be considered for admission with the condition of completion of the MBA/Specialized Master's Preparation Program offered by the York University English Language Institute.
- ❖ Completion of the online application including submission of essays, an up-to-date résumé and two references.

DEGREE REQUIREMENTS

Students must successfully complete:

- ❖ **45 credits of course work**, consisting of:
- ❖ **36 credits of core courses**, and
- ❖ **9 credits of electives** selected by the Program Committee each year.

In addition to the curriculum requirements, the MMgt program is preceded by satisfactory completion of online course modules in Accounting, Economics, Mathematics and Finance by AnyPrep.com

All other requirements are identical to those of Schulich's other Master's Programs

MANAGEMENT IN ARTIFICIAL INTELLIGENCE

MASTER OF MANAGEMENT IN ARTIFICIAL INTELLIGENCE

The Graduate Program in Management in Artificial Intelligence (MMAI) is designed to prepare individuals to seek and obtain meaningful employment in artificial intelligence (AI)-related management positions, whether in private, public or non-profit organizations. AI-related fields include, but are not limited to: data science, machine learning, visualizations, natural language understanding, intelligent robotics, knowledge representation, reasoning and management, intelligent agents, human computer interfaces, and recommendation systems.

This graduate program addresses a growing need in post-graduate management education for programs that train students in the tasks of designing, evaluating, refining and implementing practical AI-related solutions and technologies. The degree focuses on strategic thinking, tactical decision making, design techniques and ethics in AI. The objective is to produce well-rounded managers who have the potential to become leaders in AI-management.

The program achieves these objectives over the course of three terms and the completion of **45 credits**, and is structured to facilitate the acquisition of AI and management knowledge and skills. A key component is the integration of the acquired knowledge through a capstone community-involved experiential learning project, the AI Consulting Project. This project takes place during the second and third terms.

ADMISSION REQUIREMENTS

The minimum admission requirements are as follows:

- ❖ an undergraduate degree from a recognized postsecondary institution with a minimum B+ average in the last two full years (or equivalent) of academic work;
- ❖ work experience is not required, but internships or prior work experience is recommended;
- ❖ proof of English language proficiency if prior studies were not completed in English: TOEFL (iBT): 100 with minimum component scores of 23 or IELTS: 7.0 overall with minimum component scores of 6.5;
- ❖ a supplementary application form that shows strong evidence of leadership ability; and,
- ❖ two letters of recommendation, at least one of which should be from a professor.

DEGREE REQUIREMENTS

Students must successfully complete:

- ❖ **45 credits** of coursework, consisting of:
- ❖ **39 credits** from **13 required 3.0 credit courses** and,
- ❖ **6 credits** from an experiential capstone project.

All other requirements are identical to those of Schulich's other master's programs.

MARKETING

MASTER OF MARKETING

The Graduate Program in Marketing is a professional master's degree program designed to prepare graduates for professional careers in marketing.

The 12-month, **42-credit** program will provide students with the critical analysis and decision-making skills required of marketers today. Students will learn state-of-the-art digital marketing and research tools and grow their literacy in analytics, social media, advertising and consumer behaviour. Graduates of the program will be qualified for meaningful positions in private, public, or non-profit organizations, and equipped with the skills to advance to leadership roles in the future.

The capstone of the program is a two-term integrative consulting project, designed to give students first-hand experience in developing and implementing marketing strategies for real-world organizations.

Admission to the Master of Marketing is open to recent graduates from non-business and business degree programs who did not pursue a Marketing specialization, and to business professionals who wish to add marketing to their skill set.

Please visit <http://schulich.yorku.ca> for more information.

ADMISSION REQUIREMENTS

- ❖ Applicants should possess a four-year undergraduate degree from a recognized university with a minimum B+ average in the last two full years (or equivalent) of academic work. A candidate with a three-year degree may be considered for admission with a minimum of one year of work experience.
- ❖ Strong internships and prior work experience are recommended but not mandatory.
- ❖ Applicants are NOT required to take the Graduate Management Admission Test (GMAT) or the Graduate Record Examination (GRE).
- ❖ Proof of English language proficiency if prior studies were not completed in English: Test of English as a Foreign Language (iBT): 100 with minimum component scores of 23 or International English Language Testing System: 7.0 overall with minimum component scores of 6.5. Strong applicants whose first language is not English and do not meet the above language requirements may be considered for admission with the condition of completion of the MBA/Specialized Master's Preparation Program offered by the York University English Language Institute.
- ❖ Completion of the online application including submission of essays, an up-to-date résumé and two references.

DEGREE REQUIREMENTS

Students must successfully complete **42 credits** of coursework comprised of:

- ❖ **36 credits** of core courses; and,
- ❖ **6 credits** of electives.

In addition to the curriculum requirements, the Graduate Program in Marketing is preceded by satisfactory completion of online course modules in Accounting, Finance and Statistics. All other requirements are identical to those of Schulich's other master's programs

MATHEMATICS & STATISTICS

The Graduate Program in Mathematics & Statistics offers instruction leading to Master of Arts, Master of Science in Applied & Industrial Mathematics and Doctor of Philosophy degrees. Research interests of faculty members cover diverse areas of mathematics including algebraic geometry, applied mathematics, category theory, complexity theory, differential equations, dynamical systems, discrete mathematics, functional analysis, geometry, group theory, history of mathematics, logic and set theory, mathematics education, numerical analysis, optimization, probability, stochastic processes and topology. They also cover various areas of statistics including foundations of statistics, generalized linear models, interactive statistical graphics, statistical inference and survey sampling techniques.

Master's candidates may specialize in pure mathematics, applied mathematics, probability, theoretical and applied statistics, or a special part-time program for secondary school teachers. Areas of special emphasis for doctoral studies are foundations of mathematics, algebra and geometry, probability and statistical theory, analysis, and applied mathematics.

LIBRARY AND RESEARCH FACILITIES

The York University Library has a large number of books in mathematics and statistics and subscribes to over 250 periodicals in those fields. There is a wide variety of computer facilities, including some with sophisticated interactive graphic capabilities. Shared office space is available for full-time students.

ENQUIRIES AND APPLICATIONS

Further information can be obtained by writing to the Graduate Program in Mathematics & Statistics, York University, 4700 Keele Street, Toronto, Ontario, Canada, M3J 1P3; or by sending an email to gradir@mathstat.yorku.ca.

MASTER OF ARTS PROGRAM ADMISSION REQUIREMENTS

An honours degree in Mathematics or Statistics (or equivalent background) normally with a B standing may qualify the student for admission as a candidate to a program leading to the MA degree. Applicants without the appropriate breadth in Mathematics or Statistics, but who have good standing, may be admitted on condition they take additional graduate and/or undergraduate courses. Faculty of Graduate Studies regulations regarding standing (see Grading System under Faculty Regulations) apply to these additional courses. Students whose first language is not English must demonstrate an acceptable command of English: at least 213 in the Test of English as a Foreign Language or 85 in the Michigan English Language Assessment Battery.

DEGREE REQUIREMENTS

Master of Arts Degree—Regular Program

Students in the regular program must choose one of three options.

MA by Coursework

Four 6000 level full courses (or equivalent), plus a seminar*: (**Mathematics & Statistics 6004 0.0**).

MA by Survey Paper

Three 6000-level full courses (or equivalent), a supervised survey paper (**Mathematics & Statistics 6001 0.0**; students give one talk in a student Colloquium outlining the results of their papers), plus a seminar† (**Mathematics & Statistics 6004 0.0**).

MA by Thesis

Two 6000-level full courses (or equivalent), a thesis (students give two talks in a student Colloquium outlining the results of their theses), plus a seminar† (**Mathematics & Statistics 6004 0.0**). The thesis must be defended before an examining committee in accordance with the regulations of the Faculty of Graduate Studies.

Whatever option is chosen, no more than one-third of courses can be integrated, and **all** students must include among their courses one of the following sets:

i) *Pure Mathematics*:

Mathematics & Statistics 6121 3.0: Applied Algebra,
Mathematics & Statistics 6122 3.0: Algebra II,
Mathematics & Statistics 6461 3.0: Functional Analysis I, and
either

Mathematics & Statistics 6280 3.0: Measure Theory,
Mathematics & Statistics 6300 3.0: Complex Analysis,
Mathematics & Statistics 6420 3.0: Introduction to Harmonic Analysis,

Mathematics & Statistics 6462 3.0: Functional Analysis II,
Mathematics & Statistics 6540 3.0: Topology I,
Mathematics & Statistics 6550 3.0: Algebraic Topology I or
Mathematics & Statistics 6605 3.0: Probability Theory; or

ii) *Applied Mathematics*:

Four courses chosen from

Mathematics & Statistics 6121 3.0: Applied Algebra,
Mathematics & Statistics 6340 3.0: Ordinary Differential Equations,

Mathematics & Statistics 6350 3.0: Partial Differential Equations,

Mathematics & Statistics 6602 3.0: Stochastic Processes,
Mathematics & Statistics 6604 3.0: Probability Models,
Mathematics & Statistics 6651 3.0: Advanced Numerical Methods,

Mathematics & Statistics 6652 3.0: Numerical Solutions to Differential Equations,

Mathematics & Statistics 6904 3.0: Modern Optimization,
Mathematics & Statistics 6910 3.0: Stochastic Calculus in Finance,

Mathematics & Statistics 6911 3.0: Numerical Methods in Finance,

Mathematics & Statistics 6920 3.0: Harmonic Analysis and Image Processing,

Mathematics & Statistics 6931 3.0: Mathematical Modeling,
Mathematics & Statistics 6936 3.0: Mathematical Epidemiology;

or

iii) *Probability*:

Mathematics & Statistics 6910 3.0: Stochastic Calculus in Finance;

*Students may substitute another half course for the seminar if they are pursuing their MA by Survey Paper or by Thesis. Students completing their MA by Coursework can replace the seminar requirement with another half course only if one of their four courses toward the degree is the practicum in statistical consulting (**Mathematics & Statistics 6627 3.0**).

either

Mathematics & Statistics 6605 3.0: Probability Theory or
Mathematics & Statistics 6280 3.0: Measure Theory;

either

Mathematics & Statistics 6602 3.0: Stochastic Processes or
Mathematics & Statistics 6604 3.0: Probability Models;

and one of

Mathematics & Statistics 6620 3.0: Mathematical Statistics,

Mathematics & Statistics 6630 3.0: Applied Statistics I or

Mathematics & Statistics 6911 3.0: Numerical Methods in Finance; or

iv) *Theoretical Statistics:*

Mathematics & Statistics 6620 3.0: Mathematical Statistics,

Mathematics & Statistics 66213.0: Advanced Mathematical Statistics or

Mathematics & Statistics 6605 3.0: Probability Theory,

Mathematics & Statistics 6622 3.0: Generalized Linear Models,

Mathematics & Statistics 6630 3.0: Applied Statistics I; or

v) *Applied Statistics:*

Mathematics & Statistics 6620 3.0: Mathematical Statistics,

Mathematics & Statistics 6622 3.0: Generalized Linear Models,

Mathematics & Statistics 6630 3.0: Applied Statistics I,

either,

Mathematics & Statistics 6631 3.0: Applied Statistics II or

Mathematics & Statistics 6635 3.0: Introduction to Bayesian Statistics or

Mathematics & Statistics 6641 3.0: Survival Analysis or

Mathematics & Statistics 6642 3.0: Applied Longitudinal Data Analysis, and

Mathematics & Statistics 6627 3.0: Practicum in Statistical Consulting; or

vi) *Data Science*

Mathematics & Statistics 6620 3.0: Mathematical Statistics,

Mathematics & Statistics 6622 3.0: Generalized Linear Models,

Mathematics & Statistics 6630 3.0: Applied Statistics I,

Mathematics & Statistics 6650 3.0: Data Science, and

either **Mathematics & Statistics 6636 3.0: Data Mining** or

Mathematics & Statistics 6644 3.0: Statistical Learning.

A full-time student will normally complete the MA program requirements within three terms. A part-time student normally takes one or two full courses in a 12-month period. Students may, with permission, use courses from other graduate programs such as Electrical Engineering & Computer Science, Economics or Physics & Astronomy to meet the requirements.

Master of Arts Degree—Program for Teachers[†]

ADMISSION REQUIREMENTS

The normal minimum admission standard is an honours degree or equivalent in mathematics or an ordinary BA in mathematics plus a Bachelor of Education. A minimum average grade of B in the last two years of post-secondary study is required. Many applicants are practicing high-school teachers who obtained their degree several years earlier.

Where students have substantial experience in teaching mathematics, an honours degree or equivalent in an area which is mathematically substantial (e.g., engineering, physics) or a mathematics or statistics minor, and a B average in the mathematics related courses, their cases

are considered by the MA for Teachers admissions subcommittee and may be approved.

Applicants who do not meet the academic requirements listed above may be considered for admission to the Mathematics for Teachers MA program if they have demonstrated work experience that is relevant to the academic focus and objectives of the program. In such cases, evidence of relevant work experience must be presented and considered acceptable by the program. This process may also include an interview between the applicant and Teachers' Program Coordinator.

DEGREE REQUIREMENTS

The Program for Teachers option requires 36 credits in coursework, normally chosen from Mathematics & Statistics courses for which the first digit of the course number is 5. These 36 credits must include **Mathematics & Statistics 5020 6.0** and **5400 6.0**. A student may normally take up to 18 credits in a twelve month period.

In certain situations, there are courses other than Mathematics & Statistics courses for which the first digit of the course number is 5 that may be relevant to the Program for Teachers option. Upon having justified the relevance of such courses to the option, permission may be granted by the coordinator to complete up to 6 credits (of the 36 credits) in coursework outside of those courses designed as counting toward fulfillment of the option requirements.

LANGUAGE AND COGNATE REQUIREMENTS

There are in general no language or cognate requirements for the MA degree, though a student interested in applied mathematics or statistics will need to demonstrate proficiency in computer programming to gain admittance to certain courses.

MASTER OF SCIENCE IN APPLIED & INDUSTRIAL MATHEMATICS

ADMISSION REQUIREMENTS

An honours degree in mathematics (or equivalent background) normally with a B standing may qualify the student for admission as a candidate to the program leading to the MSc degree in Industrial & Applied Mathematics. Applicants without the appropriate breadth in mathematics, but who have good standing, may be admitted on condition they take additional graduate and/or undergraduate courses. Faculty of Graduate Studies regulations regarding standing (see Grading System under Faculty Regulations) apply to these additional courses. Students whose first language is not English must demonstrate an acceptable command of English (at least 213 in the Test of English as a Foreign Language or 85 in the Michigan English Language Assessment Battery).

DEGREE REQUIREMENTS

Students must complete **Mathematics & Statistics 6651 3.0: Advanced Numerical Methods, Mathematics & Statistics 6931 3.0: Mathematical Modeling, Mathematics & Statistics 6937 3.0: Practicum in Industrial & Applied Mathematics**, another three credit non-integrated course appropriate to the student's program of study approved by the student's supervisory committee, and a thesis which must be defended before an examining committee in accordance with the regulations of the Faculty of Graduate Studies.

[†]The Mathematics for Teachers program may be discontinued and will no longer accept students for admission.

GRADUATE DIPLOMA IN FINANCIAL ENGINEERING

ADMISSION REQUIREMENTS

The Graduate Diploma in Financial Engineering is completed either in conjunction with the regular master's or doctoral program in Mathematics & Statistics, or as a standalone graduate diploma. For the concurrent offering, students must first apply and be accepted to the regular master's or doctoral program in Mathematics & Statistics. Applicants may indicate their interest in pursuing the concurrent Graduate Diploma in Financial Engineering at the same time they apply to the regular master's or doctoral program in Mathematics & Statistics, or they may submit a separate application for the diploma during the first term in which they are registered in the regular master's or doctoral program.

For the stand-alone diploma offering, see the Business Administration section of this *Calendar*.

DIPLOMA REQUIREMENTS

The requirements for the concurrent Graduate Diploma in Financial Engineering may be completed in conjunction with the MA by Coursework or MA by Survey Paper program requirements.

The requirements for the diploma are as follows:

- a) Successful completion of the following courses:
Mathematics & Statistics 6910 3.0: Stochastic Calculus in Finance
Mathematics & Statistics 6911 3.0: Numerical Methods in Finance
Finance 6200 3.0: Investments
Finance 6800 3.0: Options, Futures and Other Derivative Securities
Financial Engineering 6820 3.0: Advanced Derivative Securities
Financial Engineering 6850 3.0: Fixed Income Securities
Operations Management & Information Systems 6000 3.0: Models and Applications in Operational Research

❖ *Note 1:* **Mathematics 6910 3.0, Mathematics 6911 3.0, and Operations Management & Information Systems 6000 3.0**, may be used to satisfy the MA by Coursework or MA by Survey Paper program requirements.

❖ *Note 2:* Students with little or no background in finance may find it beneficial to take **Economics 5030 3.0: Econometrics of Financial Markets**, as background for the finance courses listed above.

- b) In addition to the course requirements, diploma students must complete one of the following: (i) subject to availability, an **internship** of at least 10 weeks duration in a financial institution, or (ii) a **research project**.

Note: Students in the MA by Survey Paper program option who decide to fulfill the above requirement through completion of a research project may request that the diploma research project also be used toward the fulfillment of the MA survey paper requirement. Such requests must be made in writing to the Financial Engineering Coordination Committee, accompanied by confirmation from the student's faculty advisor that the diploma research project is of acceptable quality to meet the MA by Survey Paper program requirements. Such requests will be considered by the Financial Engineering Coordination Committee only if the diploma research

project contains substantial mathematics content, equivalent to that expected of students in the MA by Survey Paper program option.

- c) Diploma seminar requirement: Students who did not complete **Mathematics 6627 3.0: Practicum in Statistical Consulting**, as part of their Mathematics & Statistics degree program requirements are required to give a talk on their internship or research paper to fulfill the diploma seminar requirement. Such students should enrol in **Mathematics 6004 0.0: Mathematics Seminar** in order to receive a grade.

Diploma Length

Students typically require four consecutive terms to complete coursework for the Mathematics & Statistics degree program and Type 2 Graduate Diploma in Financial Engineering, and then go on to complete the internship or research project, normally in one term.

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

For admission to the PhD program, applicants must have completed an acceptable master's degree in mathematics or statistics with a B+ average (high second class) or better.

DEGREE REQUIREMENTS

Candidates for the PhD degree must fulfil the following requirements:

Five major components make up the degree requirements for the PhD in Mathematics and Statistics. These are 1) coursework 2) comprehensive exams 3) dissertation subject oral 4) dissertation proposal 5) dissertation oral examination (preceded by the dissertation colloquium).

Students can complete these degree requirements in four years and the following is the projected timeline and checklist for completion:

Course Requirements

Students must successfully complete 12 credits at the graduate level. The courses must be chosen with the approval of the program director. Up to 12 additional credits may be required, at the discretion of the Graduate Program Director, the PhD committee and the supervisor.

Comprehensive Examinations

Students must declare a specialization in pure mathematics or applied mathematics or statistics, and must write comprehensive examinations in subjects which are appropriate to the chosen specialization. In addition, statistics students must complete a statistical consulting requirement.

Specialization Requirement

Students in the PhD program must demonstrate depth of knowledge in their field of specialization. The candidate must pass an oral examination, which is given within one year after the comprehensive examinations have been passed.

Projected Timeline/Checklist for Completion

<u>Progress requirements</u>	<u>Completed by</u>
Advising appointment	Annual
Progress report	Annual
Comprehensive exams	End of 3rd term
Supervisor confirmed	End of 5th term
Course requirements	End of 6th term

Supervisory committee approved	End of 6th term
Dissertation subject oral	End of 6th term
Statistics practicum/comprehensive exam	(Statistics stream only) End of 6th term
Dissertation proposal	No less than 6 months before oral examination
Dissertation colloquium	Normally 12th term
Oral examination	Normally 12th term

The details of these requirements are listed below:

A doctoral candidate must satisfy their comprehensive examination requirement by completing the examinations in the first year of study. Students need not enrol in the course nor attend lectures in order to write the examination for comprehensive credit. The comprehensive exams are as follows:

1. **Mathematics & Statistics 6300 3.0: Complex Analysis**
2. **Mathematics & Statistics 6280 3.0: Measure Theory**
3. **Mathematics & Statistics 6461 3.0: Functional Analysis**
4. **Mathematics & Statistics 6121 3.0: Applied Algebra**
5. **Mathematics & Statistics 6122 3.0: Algebra II**
6. **Mathematics & Statistics 6130 3.0: Commutative Algebra**
7. **Mathematics & Statistics 6540 3.0: Topology**
8. **Mathematics & Statistics 6550 3.0: Algebraic Topology**
9. **Mathematics & Statistics 6340 3.0: Ordinary Differential Equations**
10. **Mathematics & Statistics 6350 3.0: Partial Differential Equations**
11. **Mathematics & Statistics 6110 3.0: Number Theory**
12. **Mathematics & Statistics 6605 3.0: Probability Theory**
13. **Mathematics & Statistics 6180 3.0: Category Theory**
14. **Mathematics & Statistics 6530 3.0: Differential Geometry**
15. **Mathematics & Statistics 6040 3.0: Set Theory**
16. **Mathematics & Statistics 6651 3.0: Advanced Numerical Methods**
17. **Mathematics & Statistics 6652 3.0: Numerical Solutions to Differential Equations**
18. **Mathematics & Statistics 6931 3.0: Mathematical Modeling**
19. **Mathematics & Statistics 6620 3.0: Mathematical Statistics**
20. **Mathematics & Statistics 6621 3.0: Advanced Mathematical Statistics**
21. **Mathematics & Statistics 6622 3.0: Generalized Linear Models**
22. **Mathematics & Statistics 6630 3.0: Applied Statistics I**

❖ *Note: While not all courses are offered annually, course offerings are responsive to student need. Examinations may be taken in a year in which the course is not offered.*

Candidates must declare themselves to be in one of these three streams: applied mathematics, pure mathematics, or statistics streams. Candidates decide which comprehensive exams to complete with the approval of their supervisor and the Graduate Program Director.

Pure mathematics students must complete at least one examination from 1-3, one examination from 4-6, one examination from 7-11, plus one additional examination.

Applied mathematics students must complete examination 18, at least one examination from 9 or 10, at least one examination from 16 or 17, plus one additional examination.

Statistics students must complete exams 19, 20, 21 and 22. In addition, statistics students must fulfill a practicum requirement. This requirement is usually completed in the second year of study.

Practicum requirement for statistics stream

The purpose of the practicum is to prepare students for the transition from statistics theory to the application of statistics through consulting and collaboration. The requirement for statistics students consists of two parts. The first part is the completion of **Mathematics & Statistics 6627 3.0** or an equivalent consulting course from another university, approved by the Graduate Program Director. Further details regarding the requirements for the course can be found in the course description for **Mathematics & Statistics 6627 3.0**. The second part is the comprehensive examination in consulting.

Students in the doctoral program must demonstrate depth of knowledge in their field of specialization. The candidate must pass an oral examination (the dissertation subject oral), which occurs within the second year of study.

Progress Report

All students enrolled in a PhD program are required to complete an annual research progress report detailing the achievements of the previous year and the objectives for the next year. Permission to continue to register in the program depends on a satisfactory report. Progress report forms are distributed by email at the end of the Winter term.

Deadlines for Meeting Requirements

Students are expected to finish the comprehensive examination requirement in the first year of their PhD studies. The dissertation subject oral should be taken within the second year of study. Students who are in the statistics stream should also finish the practicum requirement in the second year of study. The dissertation itself should be completed within two years of the dissertation subject oral, although one additional year may be allowed by permission.

MECHANICAL ENGINEERING

The Graduate Program in Mechanical Engineering provides course- and research-based training to graduate students leading to acquisition of the degrees of Master of Applied Science and Doctor of Philosophy in Mechanical Engineering. The program is focused on nurturing excellence in learning and professional development for graduate students. It aims not only to advance students' knowledge and expertise beyond Bachelor's level in the field of Mechanical Engineering, but also to enable and foster their independent research skills, creative activities and entrepreneurship skills. In addition to the focus placed on original research, students are provided with opportunities for professional development through engagement in complementary education and training in areas such as law, business, ethics, technical writing and communication.

Graduate students play a central role in the success of research projects and programs led by faculty members at the Department of Mechanical Engineering. They are responsible for conducting cutting edge research in core (thermo-fluids, mechanics, design and control/measurement, and manufacturing) and interdisciplinary (sustainable energy systems, dynamics and control of electromechanical systems, advanced manufacturing and materials, and micro-systems and bio-systems) areas of mechanical engineering. The research outcomes and findings achieved through the graduate program are of utmost significance for various key industrial sectors such as medical devices, automotive, aerospace, electronics packaging, manufacturing, shipping, transportation, energy production and usage, mechanics of human body and living organisms, mechatronics, nanotechnology, robotics, microsystems, sustainable building systems, control and industrial simulators, and rehabilitation technology. Graduates from the Graduate Program in Mechanical Engineering can expect to pursue careers in any of the above areas as well as related research and development, certification, inspection, maintenance, implementation and life-cycle management functions. Moreover, they may be excellent champions in creating new ventures by translating their own research into commercialized products and services.

MASTER OF APPLIED SCIENCE PROGRAM

Students enrolled at this level pursue a Master of Applied Science degree in the Graduate Program in Mechanical Engineering at York University.

ADMISSION REQUIREMENTS

Applicants must have an undergraduate degree from a relevant engineering (e.g., mechanical engineering, material engineering, or electrical engineering) or sciences (e.g., physics, chemistry, or biology) program. The minimum admission requirement for the MASc program is a "B" average in the final year of undergraduate studies.

Applicants must provide in their application package all of their undergraduate degree transcripts, a *curriculum vitae*, a cover letter elaborating their professional goals and motivations for pursuing graduate studies, and two confidential letters of recommendation.

Applicants who have not completed four full years of studies at the secondary-school level or university level in a country where English

is a primary language or where English is the primary language of instruction must demonstrate their language proficiency in English. Accepted tests include Test of English as a Foreign Language, International English Language Testing System, and York English Language Test. A minimum of 6.5 International English Language Testing System score or 90-91 Test of English as a Foreign Language Internet-based English Test score is considered satisfactory. More detailed scores can be found at http://futurestudents.yorku.ca/requirements/language_tests#exemptions

DEGREE REQUIREMENTS

MASc Degree by Thesis

Students must identify academic supervisors (faculty members from the Graduate Program in Mechanical Engineering) when they enrol in the program. All students are required to plan and conduct their course- and research-related activities under the direct guidance of their supervisors. Candidates for the MASc degree must fulfill the following requirements:

1. Courses

Students are required to complete a minimum of **four** (4) graduate credit half-courses (12 credits) in consultation with and upon approval of their supervisor(s) and the Graduate Program Director. Out of the four courses, at least two courses must be from the core Graduate Program in Mechanical Engineering course offerings and one can be a directed study or credit course from outside the Graduate Program in Mechanical Engineering (from other graduate programs at York University within or outside the Lassonde School of Engineering). The fourth course may be selected from a list of available complementary education and training courses within the graduate program, typically undertaken after completion of the first year of the program (see the Complementary Education and Training section below).

In addition to the four credited courses, each registered graduate student must complete two (2) non-credit courses, **Engineering 6000 0.0: Engineering Ethics** and **Mechanical Engineering 6000 0.0: Graduate Seminar Series**. All students are required to register annually in the **Graduate Seminar Series** course throughout their full-time registration in the program.

2. Thesis

MASc students are required to become involved in research activities immediately upon registration in the Mechanical Engineering program and under the general direction of their supervisors. They must be registered for non-credit **Mechanical Engineering 9001 0.0: MASc Thesis** course. Students are required to submit a progress report to their supervisory committee in compliance with the requirements of the Faculty of Graduate Studies. The progress report documents courses taken, teaching assistant duties, knowledge dissemination through publications and presentations and supervisory committee's direct feedback on the overall performance of the graduate student. If the performance of the student in research is deemed unsatisfactory by the supervisory committee, they may be asked to withdraw from the program immediately. If recommended to continue, students are obliged to conduct and conclude their research and to submit a written thesis to their supervisory committee at the end of their degree period. The thesis should clearly demonstrate the candidate's ability to conduct independent research

and creative activities with guidance, resulting in contributions to the body of knowledge in the area of investigation. The research undertaken and the thesis should be defended by the student in an oral examination session, according to the Faculty of Graduate Studies regulations. The examination committee members are selected and the defence is conducted based on regulations set by the Faculty of Graduate Studies.

COMPLEMENTARY EDUCATION AND TRAINING

The Graduate Program in Mechanical Engineering uniquely engages graduate students in important complementary education and training in areas such as teaching/mentoring, engineering pedagogy, technology transfer, entrepreneurship and commercialization, legal aspects and governance, communications, as well as ethical, societal and safety obligations. This engagement is enabled by a complementary studies coursework requirement as well as an atmosphere that encourages students' outreach and extracurricular activities. Complementary education and training results in the diversification of knowledge and experience beyond the immediate research field as well as the acquisition of qualities and transferable skills required for employment and professional development.

TIMELINE

For MASC students, the expected degree completion time is 6 terms (2 years) on a full-time enrolment basis, in accordance with Faculty of Graduate Studies registration policies, including the requirement of continuous registration.

DOCTOR OF PHILOSOPHY PROGRAM

Students enrolled at this level pursue a Doctor of Philosophy degree in the Graduate Program in Mechanical Engineering.

ADMISSION REQUIREMENTS

Applicants must hold a master's degree equivalent to the Mechanical Engineering MASC degree at York University, conferred by a relevant engineering (e.g., mechanical engineering, material engineering, or electrical engineering) or sciences (e.g., physics, chemistry, or biology) program. The minimum admission requirement for the PhD program in the Graduate Program in Mechanical Engineering is a "B" average in each of the previous two years of graduate studies. A "B" average in the final year of undergraduate studies is required for students applying for direct entry into the PhD program from an undergraduate program.

Applicants must provide in their application package all of their undergraduate and master's degree transcripts, a *curriculum vitae*, a cover letter elaborating their research interests and motivations for pursuing PhD studies, and two confidential letters of recommendation.

For applicants who have not completed four full years of studies at the secondary-school level or university level in a country where English is a primary language or where English is the primary language of instruction, they must demonstrate their language proficiency in English. Accepted tests include Test of English as a Foreign Language, International English Language Testing System, and York English Language Test. A minimum of 6.5 International English Language Testing System score or 90-91 Test of English as a Foreign Language Internet-based English Test score is considered satisfactory. More detailed scores can be found at http://futurestudents.yorku.ca/requirements/language_tests#exemptions

DEGREE REQUIREMENTS

Students must identify academic supervisors (faculty members from

the Graduate Program in Mechanical Engineering) when they enrol in the program. All students are required to plan and conduct their course- and research-related activities under the direct guidance of their supervisors. Candidates for the PhD degree must fulfill the following requirements:

1. Courses

Students are required to complete a minimum of **four** graduate credit half-courses (12 credits) in consultation with and upon approval of their supervisor(s) and the Graduate Program Director. Of the four courses, at least two courses must be from the core Graduate Program in Mechanical Engineering course offerings, and one may be a directed study or credit course from outside the Graduate Program in Mechanical Engineering (from other graduate programs at York University within or outside the Lassonde School of Engineering). The fourth course may be selected from a list of available complementary education and training courses at the graduate program, typically undertaken after completion of the first year of the program (see Complementary Education and Training section below).

In addition to the four credited courses, each registered graduate student must complete two non-credit courses, **Engineering 6000 0.0: Engineering Ethics** and **Mechanical Engineering 6000 0.0: Graduate Seminar Series**. All students are required to register annually in the **Graduate Seminar Series** course throughout their full-time registration in the program.

2. Dissertation Course and Supervisory Committee

PhD students commence their research activities upon registration in the program and plan them in consultation with their supervisor at the start of their studies. They must register for the non-credit **Mechanical Engineering 9002 0.0: PhD Dissertation** course. A supervisory committee, recommended by the Graduate Program Director and approved by the Dean, Faculty of Graduate Studies, must be formed no later than the end of the fourth term of study. This committee consists of the student's supervisor and at least two other faculty members from the Faculty of Graduate Studies at York University, one of whom must be from the Graduate Program in Mechanical Engineering.

3. Comprehensive Examination and Research Proposal

Within the first 12 to 18 months of starting the graduate program, each PhD student must pass the PhD comprehensive examination. Direct entry PhD students must complete their comprehensive examination within 24 to 30 months of beginning the program. Students who are unable to meet the academic and research requirements for the PhD degree may have the option to be transferred to the MASC degree with appropriate course credits, as recommended by a committee comprised of the chair of the Department of Mechanical Engineering, the Graduate Program Director, and the Associate Dean Research & Graduate Studies, Lassonde School of Engineering or their representative.

The purpose of this comprehensive examination is two-fold: to assess the student's fundamental knowledge in mechanical engineering and of the subject matter relevant to the dissertation; and to assess the student's ability to conduct independent research of highest quality. The student must prepare a short report outlining their research work conducted, proposed research plan and timeline for completion of their degree requirements. The student must present this report in front of the doctoral comprehensive examination committee. This is an open presentation, typically 15-20 minutes, followed by a question and answer period from the audience attending the presentation part of the examination. The presentation is followed by a closed-door oral examination by the examination

committee members. Typically, the first round of questions assesses the student's fundamental knowledge in the discipline. The second and subsequent round of questions assesses the student's understanding of the research topic.

4. Dissertation and Defence

PhD students are required to conduct research independently through defining, planning and solving of scientific problems to lead and advance knowledge in their field of specialization. Research outcomes should lead to creativity and competence at an international level and have the significance and standard level that can be disseminated in the form of scientific publications. The PhD student's research progress is examined annually by meeting with their supervisory committee. Students are required to submit a progress report which documents courses taken, teaching assistant duties, knowledge dissemination through publications and presentations, and supervisor's direct feedback on the student's overall performance. If the annual performance of the student in research is deemed unsatisfactory by the supervisory committee, they may be asked to withdraw from the program immediately, even after successful completion of the PhD comprehensive examination. If recommended to continue, students are obliged to conduct and conclude their research and to submit a written dissertation to their supervisory committee at the end of their degree period. The dissertation must clearly demonstrate the candidate's ability to conduct independent research and creative activities, resulting in contributions to the body of knowledge in the area of investigation. The research undertaken and the dissertation must be defended by the student in an oral examination session. The examination committee members are selected and the defence session is conducted based on regulations set by the Faculty of Graduate Studies.

DIRECT ENTRY OPTION

Students who are admitted directly into the Ph.D. program in Mechanical Engineering after completion of their undergraduate

degree must successfully complete a minimum of 6 courses. Four (4) of those courses must be from the core Mechanical Engineering graduate program course offerings, one can be a directed study course or a course from outside the Graduate Program in Mechanical Engineering (from other graduate programs in Lassonde School of Engineering, outside the Lassonde School of Engineering at York University). One course must be one of the compulsory complementary education and training courses, typically to be taken after completion of the first year of the program. In addition to the six credited courses, each registered graduate student must complete two non-credit courses, **Engineering 6000 0.0: Engineering Ethics** and **Mechanical Engineering 6000 0.0: Graduate Seminar Series**. All students are required to register annually in the Graduate Seminar Series course throughout their full-time registration in the program.

COMPLEMENTARY EDUCATION AND TRAINING

The Graduate Program in Mechanical Engineering uniquely engages graduate students in important complementary education and training in areas such as teaching/mentoring, engineering pedagogy, technology transfer, entrepreneurship and commercialization, legal aspects and governance, communications, as well as ethical, societal and safety obligations. This engagement is enabled by a complementary studies coursework requirement, as well as an atmosphere that encourages students' outreach and extracurricular activities. Complementary education and training results in the diversification of knowledge and experience beyond the immediate research field as well as the acquisition of qualities and transferable skills required for employment and professional development.

TIME REQUIREMENTS

For PhD students, the expected degree completion time is 12 terms (4 years) on a full-time enrolment basis, in accordance with Faculty of Graduate Studies' registration policies, including the requirement of continuous registration.

MUSIC

The Graduate Program in Music offers MA and PhD degrees. The program's faculty members include ethnomusicologists, music historians, music theorists, performers and composers, all of whom teach in their specialized areas of research and share a concern for the critical study of methodologies and procedures in music scholarship and composition.

The program offers courses and research opportunities in ethnomusicology, musicology and composition, giving particular but not exclusive emphasis to North American music, including jazz and urban popular music, religious music, concert and folk music in rural and urban localities. Recognition is given to the multiple cultures that coexist in contemporary society and to the many contexts and issues which shape musical expression and research. Members of the program are concerned with the scholarly study of composition and improvisation, with aural cognition, mediation and reception as well as with cultural studies and criticism.

- ❖ MA fields of study: composition, ethnomusicology, jazz, musicology and popular music
- ❖ PhD fields of study: ethnomusicology, jazz, musicology and popular music

The program also participates in a three-year program leading to a double degree (MA and MBA) in Music and Business Administration/Arts Administration. Please see the MBA/MFA/MA section of this *Calendar* for more information.

MASTER OF ARTS/MAGISTERIATE DEGREE

ADMISSION REQUIREMENTS

To be considered for admission, an applicant must be a graduate of a recognized university, normally with at least a B (second class) standing, assessed over the last two years of academic study. Strength in musicianship, as well as knowledge of European music history, is expected of students entering the program.

In addition, applicants should have an undergraduate degree in music or a relevant major in the humanities or social sciences. If the undergraduate degree is in a subject other than music, applicants should have at least a minor concentration in music or the equivalent in training and experience (to be determined by the program's graduate admissions committee). Applicants without the expected academic qualifications may be asked to make up deficiencies.

All applicants should submit:

- 1) a statement of intent (no less than 500 words);
- 2) two examples of scholarly writing; and,
- 3) an updated résumé (*curriculum vitae*).

In addition to the above documents, applicants for the composition field must submit a composition portfolio. All complete files are assessed by the Music graduate program admissions committee.

The program accepts only those qualified applicants who are able to benefit from the faculty and facilities available.

MA Degree, Ethnomusicology/Musicology

Candidates for the MA degree in Ethnomusicology/Musicology must satisfactorily complete the following:

1. Courses

Music 5010 6.0: Problems and Methods of Musical Research plus **FOUR** additional half courses which differ substantially in subject area and/or methodological approach. These electives may include a course in a cognate discipline related to the student's principal research interests, or a directed reading course.

2. Major Research Paper

A research paper (generally 50 to 80 pages) on a topic approved by the program's graduate executive committee, written under the direction of a member of the graduate faculty in music. The paper is graded by the faculty member directing the research and by a second reader, appointed by the Graduate Program Director.

MA Degree, Composition

Candidates for the MA degree in Composition must satisfactorily complete the following:

1. Courses

Music 5005A 3.0: Seminar in Composition I (half course over two terms—year 1) and **Music 5005B 3.0: Seminar in Composition II** (half course over two terms—year 2), which combine private lessons and shared symposia; plus **FOUR** additional half courses offered by the program, including at least one of:

Music 5110 3.0: Early Twentieth-century Music: Form, Structure and Significance,

Music 6210 3.0: Documentary and Interpretive Studies in Contemporary Music,

Music 6250 3.0: Musical Analysis, or

Music 6310 3.0: Musical Acoustics, Psychoacoustics and Formal Perception.

2. Composition and Major Research Paper

A composition and a major research paper on a topic approved by the program's Graduate Executive Committee. The usual form of the composition is an extended musical score (or acoustic equivalent) in combination with a major research paper. The major research paper (generally 50 to 80 pages) places the composition in the context of contemporary music with respect to its technical methods and style orientation. The principle guiding the composition major research paper must be distinct and extensive independent work which from the standpoints of its technical mastery, feasibility for performance, relation of means to aesthetic intention, and its composer's awareness of sources and influences.

DOCTORATE/DOCTOR OF PHILOSOPHY DEGREE

ADMISSION REQUIREMENTS

Applicants for admission should hold a master's degree in music or a relevant discipline from a recognized university with a minimum B+ average.

Strength in musicianship should be minimally equivalent to that of an undergraduate major in music. Applicants with culture-specific expertise but without the expected academic qualifications may be given special consideration and/or may be asked to make up deficiencies.

All applicants should submit:

- 1) a statement of intent (no less than 500 words);
- 2) two examples of scholarly writing; and,
- 3) an updated résumé (*curriculum vitae*)

The program accepts only those qualified applicants who are able to benefit from the faculty and facilities available.

DEGREE REQUIREMENTS

All students must satisfactorily complete the following:

1. Courses

Music 6010 6.0: Theoretical Perspectives in Ethnomusicology/ Musicology plus **FOUR** additional half courses beyond the master's program. Students may apply to take courses outside the program and may fulfill up to two requirements as directed reading courses.

2. Language

An examination testing the student's reading knowledge of two languages other than English as appropriate to the research program.

3. Comprehensive Examination

Two comprehensive examinations testing broad areas of specialization, including a critical grasp of theoretical issues. The first examination consists of a one-hour public oral presentation followed by an oral defence conducted by the student's supervisory committee. The second is a written comprehensive examination testing the student's area of expertise.

4. Dissertation

A dissertation on a topic approved by the program's Graduate Executive Committee, presented and defended in accordance with the dissertation regulations of the Faculty of Graduate Studies.

NURSING

York University's Graduate Program in Nursing offers a Master of Science in Nursing (MScN), a MScN– Primary Health Care Nurse Practitioner and a Doctor of Philosophy in Nursing. The program's concentration on theory, research, innovation in nursing practice (clinical practice, leadership and education) and student focused learning allows students to become excellent nursing and health science researchers and academics, nursing and health care leaders, and advanced practice nurse clinicians and nursing educators.

MASTER OF SCIENCE IN NURSING PROGRAM

Students have the option of pursuing a course-based or thesis-based MScN. The MScN program can be completed through full-time or part-time study.

ADMISSION REQUIREMENTS

Candidates are admitted under the general regulations of the Faculty of Graduate Studies. The congruence of the applicant's scholarly interests with the MScN program and faculty research interests are an important consideration for admission.

The admission requirements are as follows:

- ❖ Bachelor of Science in Nursing degree from an accredited university program or the equivalent;
- ❖ "B" average (70%, 2nd class) in the last two years of study in the undergraduate program;
- ❖ registration with the College of Nurses of Ontario or eligibility for registration; and,
- ❖ member of Canadian Nurses Association, and carrying liability protection with, the Canadian Nurses Protective Society.

Meeting these minimal requirements does not ensure admission.

Applicants are asked to consult the application material provided by the Graduate Admissions Office for deadlines. For further information, contact Graduate Admissions Office, York University, 4700 Keele Street, Toronto, Ontario, M3J 1P3, Canada; (416) 736-5000; <http://futurestudents.yorku.ca/graduate>.

DEGREE REQUIREMENTS

Candidates for the Master of Science in Nursing degree must fulfill the following requirements specified for the coursework-based and thesis options, as follows:

Master of Science in Nursing Degree by Thesis

1. Core courses

- a) **Nursing 5100 3.0: Theoretical and Philosophical Foundations of Nursing Science**
- b) **Nursing 5200 3.0: Qualitative Research Methods in Nursing**
- c) **Nursing 5300 3.0: Quantitative Research methods in Nursing Science**
- d) **Nursing 5400 3.0: Advanced Nursing Practicum**
- e) **Nursing 5700 3.0: Applied Intermediate Statistics in Nursing OR Nursing 5750 3.0: Interpretation & Data Analysis**

Students are required to obtain at least a B grade in core courses in order to progress in the program. If students are not successful in earning at least a B after two attempts in a core course they will be exited from the program.

2. Electives

ONE half-course (3.0 credits) at the graduate level in the Graduate Program in Nursing

3. Thesis

Nursing 6100 0.0: Thesis.

4. Colloquium

The non-credit colloquium course, **Nursing 6300 0.0 Expressions of Nursing Scholarship**, is compulsory for all MScN candidates and is taken concurrently with **Nursing 6100 0.0 Thesis**.

Master of Science in Nursing Degree by Coursework

1. Core courses

- a) **Nursing 5100 3.0: Theoretical and Philosophical Foundations of Nursing Science**
- b) **Nursing 5200 3.0: Qualitative Research Methods in Nursing**
- c) **Nursing 5300 3.0: Quantitative Research methods in Nursing Science**
- d) **Nursing 5400 3.0: Advanced Nursing Practicum**
- e) **Nursing 5500 3.0: Nursing Research Development and Knowledge Mobilization**
- f) **Nursing 5700 3.0: Applied Intermediate Statistics in Nursing OR Nursing 5750 3.0: Interpretation & Data Analysis**

Students are required to obtain at least a B grade in core courses in order to progress in the program. If students are not successful in earning at least a B after two attempts in a core course they will be exited from the program.

2. Electives

Three half-courses (three 3.0 credit courses) at the graduate level of which at least two are in the Graduate Program in Nursing.

PRIMARY HEALTH CARE NURSE PRACTITIONER FIELD

This field, offered by the Graduate Program in Nursing, is part of the Council of Ontario Universities Programs in Nursing, a provincial consortium of nine university partners. The primary health care nurse practitioner field builds on York's success in the delivery of graduate nursing education within the School of Nursing as well the depth of faculty members' expertise in the area of primary health care. This field prepares advanced practice nurses at a graduate level with comprehensive expertise in primary health care and human science nursing. The field's role is built on the World Health Organization's vision for achieving health for all globally. Principles of primary health care in nursing practice include accessibility to health care; use of appropriate technology; emphasis on health promotion; community participation and empowerment; and intersectoral and interdisciplinary collaboration (International Conference on Primary Health Care, 1978). This field focuses on the provision of nursing services across the spectrum of health care, from first level contact with the health care system in public health, primary care settings, street and outreach programs, and treatment and rehabilitative services. Students complete the first four core courses in York's Master of Science in Nursing program and then complete course work specific for the field.

ADMISSION REQUIREMENTS

Candidates are admitted under the general regulations of the Faculty of Graduate Studies. The admission requirements for the primary health care nurse practitioner field are:

- ❖ registration with the College of Nurses of Ontario;
- ❖ Bachelor of Science in Nursing degree (or equivalent such as a Bachelor of Nursing degree) from an accredited university program;
- ❖ “B” average (2nd class);
- ❖ member of Canadian Nurses Association, and carrying liability protection with, the Canadian Nurses Protective Society or Nurse Practitioners’ Association of Ontario; and,
- ❖ evidence of the equivalent of a minimum of two years of full-time nursing practice within the past five years.

DEGREE REQUIREMENTS

Students enrolled in this field must successfully complete the following **four courses (12 core credits)** from the Graduate Program in Nursing:

Nursing 5100 3.0: Theoretical and Philosophical Foundations of Nursing Science;

Nursing 5200 3.0: Qualitative Research Methods in Nursing Science;

Nursing 5300 3.0: Quantitative Research Methods in Nursing Science; and,

Nursing 5700 3.0: Applied Intermediate Statistics in Nursing OR Nursing 5750 3.0: Interpretation & Data Analysis.

In **addition**, students must successfully complete **one** of the following options:

1. Nursing 5880 0.0: Nurse Practitioner Research Development and Knowledge Mobilization

The practice-based research proposal provides students with the opportunity for a critical and analytic reflection on a topic/issue/problem related to the student’s practicum experience. The practice-based research proposal is expected to be approximately 15-20 pages in length. The proposal includes a critical review of the literature, development of a theoretical perspective, and sections on design and methodology.

OR,

2. Major Research Proposal option (*under exceptional circumstances*)

Students enrolled in the primary health care nurse practitioner field who choose to complete the major research paper option take the following courses in lieu of **Nursing 5880 0.0:**

Nursing 6200 0.0: Major Research Project; and,

Nursing 6300 0.0: Expressions of Nursing Scholarship.

The above requirements must be completed **prior** to beginning the **seven** primary health care nurse practitioner courses as follows. Coinciding with the conclusion of the field courses and simultaneous with their final integrative practicum (**Nursing 5870 6.0**), students take **Nursing 5880 0.0: Nurse Practitioner Research Development and Knowledge Mobilization**. This non-credit course provides students with the opportunity for a critical and analytic reflection on a topic/issue/problem related to the student’s practicum experience. Students are supervised in the preparation of a research proposal by graduate faculty members in the program.

Students are required to obtain at least a B grade in core courses in order to progress in the program. If students are not successful in earning at least a B after two attempts in a core course they will be exited from the program.

Students must **also** successfully complete **seven** graduate core nurse practitioner courses offered through the Council of Ontario Universities Programs in Nursing consortium:

Nursing 5810 3.0: Pathophysiology for Nurse Practitioners;

Nursing 5820 3.0: PHCNP Roles and Responsibilities;

Nursing 5830 3.0: Advanced Health Assessment and Diagnosis I;

Nursing 5840 3.0: Advanced Health Assessment and Diagnosis II;

Nursing 5850 3.0: Therapeutics in Primary Health Care I;

Nursing 5860 3.0: Therapeutics in Primary Health Care II; and,

Nursing 5870 6.0: Integrative Practicum in Primary Health Care.

Primary Health Care Nurse Practitioners field students are required to obtain at least a “B” grade in all generic core courses in order to progress in the program. If students are not successful in earning at least a “B” after two attempts in a core course they will be exited from the program. In order to be eligible to continue in and graduate from the Primary Health Care Nurse Practitioners field, students must receive a grade of at least “B” in each of the seven core nurse practitioner courses offered through the Council of Ontario Universities Programs in Nursing consortium listed above. Students may repeat one of the courses listed above once in order to achieve a grade of “B.”

Full-time students complete the program in six consecutive semesters and part-time students in three years.

DOCTOR OF PHILOSOPHY PROGRAM

The PhD Program prepares nurse scholars and leaders to conduct independent research and assume leadership in settings including academia, research centres, healthcare settings and government. Students in the four year full-time Nursing PhD program develop the advanced knowledge and skills needed to respond to current and projected demographic and health changes in Canadian and global society through a curriculum that demands depth of nursing knowledge in a substantive area, high quality independent research, and embraces and supports philosophical pluralism and multiple theoretical perspectives in the advancement of nursing science and health care. The doctoral program fosters the development of new knowledge and innovations focused on the following three areas of scholarship:

Health for persons and communities: This area of scholarship focuses on developing knowledge that informs the promotion and positive transformation of health across the lifespan (*i.e.*, children, youth, adults, and older adults) at the individual, group, community, and global level.

Healthcare services and systems: This area of scholarship aims at transforming healthcare services and systems through research, leadership, policy development, and organizational change, in order to enhance health, quality of life and system accessibility, efficiency and effectiveness.

Education in nursing: This area of scholarship aims to expand knowledge on high quality undergraduate, graduate and continuing nursing education through research, transformative and caring pedagogies and other innovations in teaching-learning approaches and practices to support the development and sustenance of excellence in nursing practice.

ADMISSION REQUIREMENTS

Candidates are admitted under the general regulations of the Faculty of Graduate Studies. The admission requirements are as follows:

- ❖ Master's of Science in Nursing (MScN/MSc Nursing) degree from an accredited university program with a minimum grade point average of B+ calculated over the courses of the program; will also consider: students with Master's in Nursing (MN) with a minimum grade point average of B+ and substantial research experience or equivalent; and, registered nurses with a master's degree in another discipline with a minimum grade point average of B+ and substantial research (or equivalent) and nursing experience;
- ❖ satisfactory letters of reference, including:
 - a) an academic reference from a faculty member who taught the applicant at the graduate level;
 - b) a reference from a direct workplace supervisor of the applicant within the past 5 years; and
 - c) a nurse in a leadership position who can speak to the applicant's actual and potential contributions in the profession of nursing; and,
- ❖ a statement of academic, research, and professional plans that is clearly stated, logically developed, and congruent with the PhD program.

The applicant will have identified a member of the PhD program faculty who agrees to be the dissertation supervisor. Applicants whose first language is not English, or who have not recently studied for at least one complete year at a post-secondary institution where English is the official language of instruction, are required to obtain satisfactory results in an English language proficiency test, as part of the application process.

Meeting these minimal requirements does not ensure admission.

❖ *Note: Students licensed to practice nursing in a foreign jurisdiction are considered on an individual basis.*

Applicants are asked to consult the application material provided by the Graduate Admissions Office for deadlines. For further information, contact Graduate Admissions Office, York University, 4700 Keele Street, Toronto, Ontario, M3J 1P3, Canada; (416) 736-5000.

<http://futurestudents.yorku.ca/graduate> .

DEGREE REQUIREMENTS

Candidates for the PhD in Nursing degree must fulfill the following requirements:

1. Core course

Nursing 7000 6.0: Philosophical Foundations of Contemporary Nursing Science;

Nursing 7005 6.0: Research Approaches in Nursing Science;

Nursing 7015 0.0: Doctoral Seminar I; and,

Nursing 7020 0.0: Doctoral Seminar II.

2. Electives

Two half courses (two 3.0 credit courses) at the graduate level.

3. Comprehensive Examination and Dissertation Proposal Defence

This examination must be completed within the first 28 months of starting the PhD program.

The PhD comprehensive examination and dissertation proposal defence is a milestone event in students' PhD education. Students are expected to demonstrate their ability to defend the rationale, theoretical conceptualization, method, and implications of the proposed doctoral dissertation research orally and in writing. In

addition, students must write one publishable scholarly paper in a related cognate area and defend it both orally and in writing. Both the scholarly paper and the research proposal must each be 15 to 20 pages, double-spaced. The purpose of the examination is to determine if students have sufficient mastery of their chosen areas of expertise, including the ability and preparedness to independently conduct original research and to write for scholarly publication, in order to continue to progress in the graduate program.

4. Dissertation

The dissertation (**Nursing 7100 0.0: Dissertation**) normally takes four to six terms (two calendar years) to complete. Students are expected to demonstrate the ability to conceptualize, design, and independently conduct original research for the generation of new knowledge; identify the implications of the knowledge produced; and articulate a plan for knowledge dissemination and mobilization. The coursework and dissertation proposal examination prepare students to successfully conduct independent inquiry. Recognizing the diversity of knowledge, inquiry, and practices in the program areas of focus (health for persons and community, healthcare services and systems, and education in nursing), students in consultation with their supervisor and supervisory committee are able to present the written report on their research presented as either a standard dissertation or as three papers of publication quality. The dissertation, or equivalent papers, and oral examination, provide the means for a summative evaluation of students' doctoral research. Students are required to demonstrate that they have met all doctoral degree level expectations with respect to depth and breadth of knowledge, research and scholarship, application of knowledge, awareness of limits of knowledge, professional capacity and autonomy, and communication skills.

PHILOSOPHY

One of the outstanding features of the Graduate Program in Philosophy is its inclusion of philosophers who draw on a wide range of philosophical resources, both historical and contemporary, both empirical and a priori, and who are engaged in ongoing discourse with one another. The atmosphere is intellectually exciting and collegial. In keeping with York University's commitment to interdisciplinarity, the program follows a pattern of encouraging multiple intellectual cultures to cooperate in the project of comparing and integrating different theoretical approaches. Though a large program, research is focused in the following four fields:

- ❖ ethics, political philosophy, and philosophy of law;
- ❖ philosophy of cognitive science, mind and language;
- ❖ history of nineteenth and twentieth century philosophy; and,
- ❖ philosophy of science and epistemology.

MASTER OF ARTS PROGRAM

ADMISSION REQUIREMENTS

Graduates with an honours degree in philosophy, or its equivalent with at least a B+ average in the last two years of study may be admitted as candidates for the MA degree.

It is recommended that students applying to the program have studied some logic and have some background in the history of philosophy.

DEGREE REQUIREMENTS

Master's candidates must choose one of the following options:

MA by Coursework and Comprehensive Examinations

Students must fulfil the following requirements:

- a) **Philosophy 5800 3.0: Core Theoretical Philosophy I**, **Philosophy 5801 3.0: Core Theoretical Philosophy II**, **Philosophy 5802 3.0: Core Practical Philosophy I** and **Philosophy 5803 3.0: Core Practical Philosophy II**; and,
- b) The equivalent of two additional full courses, at least one of which is not integrated with an undergraduate course, with no more than one half-course a reading course, and with at least one half-course that focuses in depth on a single historically significant problem or philosopher.

MA by Coursework and Thesis

In exceptional cases, students who enter the MA program with a clearly formulated plan of study and supervision may choose, with the agreement of the Graduate Program Director and the proposed supervisor, to do their MA by thesis. Such students must fulfil the following requirements:

- a) **Philosophy 5800 3.0: Core Theoretical Philosophy I**, **Philosophy 5802 3.0: Core Practical Philosophy I**; and,
- b) The equivalent of one full course, with no more than one half-course a reading course, and with at least one half-course that focuses in depth on a single historically significant problem or philosopher; and,
- c) **Philosophy Thesis** which is to be based on original research and to be successfully defended at an oral examination. The length of the thesis would normally not exceed 25,000 words.

TIME LIMITS

Full-time master's candidates are expected to complete degree requirements within twelve months (3 terms). Part-time master's candidates are expected to complete degree requirements within twenty-four months (6 terms).

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

Graduates with a master's degree in philosophy with at least B+ average may be admitted as candidates for the PhD degree.

DEGREE REQUIREMENTS

PhD candidates must successfully complete the following:

1. Course Requirements

Complete **Philosophy 6800 6.0: First-Year Seminar** and **Philosophy 6850 6.0: PhD Research Seminar**, plus another **six half courses** (or the equivalent), with no more than one full course equivalent a reading course and no more than one full course equivalent integrated with an undergraduate course. **Philosophy 6800 6.0** must be taken in Year 1. The six half courses must normally be completed by the end of Year 2, and **Philosophy 6850 6.0** by the end of Year 3, in order to remain in good standing in the program.

With the permission of the Graduate Program Director, students may take one half graduate course outside the program, either at York University or elsewhere, and count it towards these course requirements.

2. Breadth Requirements

History Requirement

Include, among their courses, at least **two half courses** each of which focuses in depth on a single significant problem or philosopher, and covers different periods in the history of philosophy. Students who have taken such courses during their MA may place out of all or part of this requirement.

Area Requirement

Include, among their courses, at least two half courses in metaphysics and/or epistemology (understood as including philosophy of mind, philosophy of language, and philosophy of science), and at least two half courses in ethics, political, social and/or legal philosophy.

3. Logic Requirement

Normally, by the end of the second year students must demonstrate to the logic examination committee a mastery of the semantic and syntactic elements of sentential and first-order predicate logic. This includes understanding validity, logical truth, and natural deduction derivations for both sentential and predicate logic. Mastery may be demonstrated by passing an examination in logic that is set by the logic examination committee, or by passing a graduate level course in logic, normally **Philosophy 5460 3.0: Philosophical Logic**, that assumes an introductory logic course as background. Students who fail to fulfill the logic requirement by the end of the second year will be withdrawn from the program.

4. Paper Examination

Submit two papers by the end of the first term of Year 3, to be examined by three anonymous examiners in the program. To pass

the examination, at least two of the three examiners must pass both papers. A one-time-only option of revising and resubmitting both papers is available. Students must resubmit within 6 weeks of the original decision. The papers, which may be based upon previous term papers, will demonstrate the skills that are needed to successfully pursue advanced doctoral research. As they are to be written with a view to the norms and expectations of professional philosophical venues, such as peer-reviewed philosophy journals, they should include a carefully reasoned defence of a philosophical position, as well as demonstrate originality. One paper will be in the student's primary area of research, and the other paper will be in a closely related (but not identical) area. The papers will normally be no more than 30 pages long, double spaced. Students who do not pass this exam after the second submission will be withdrawn from the program.

5. Dissertation Proposal

Submit a suitable dissertation proposal acceptable to the supervisory committee.

6. Proposal Defence and Literature Examination

Successfully defend the dissertation proposal and pass an oral examination on literature relevant to the dissertation topic. The list of literature will be compiled jointly by the supervisor and the student after the supervisory relationship is formed and before the proposal is written. The examiners will consist of the student's supervisory committee plus one outside examiner from the program.

This requirement must be met by the end of PhD 3 in order to remain in good standing in the program.

7. Dissertation

Write an acceptable dissertation embodying original research and defend it at an oral examination. It is recommended that candidates whose field of study necessitates a reading knowledge of a language other than English acquire sufficient knowledge of that language. Candidates may be asked to demonstrate their proficiency to the examining committee.

COMBINED JURIS DOCTOR (JD) / MASTER OF ARTS IN PHILOSOPHY

The joint Juris Doctor/Master of Arts in Philosophy program, offered by Osgoode Hall Law School and the Graduate Program in Philosophy, provides students with the opportunity to develop skills and acquire knowledge at the intersection of the naturally related disciplines of law and philosophy. It is the only program of its kind in Canada, and draws on Osgoode's existing strength in legal theory and Philosophy's recognized strength in moral, political, and legal philosophy. The program is ideal for students who wish to pursue either further postgraduate study and ultimately an academic career, or opportunities in a variety of careers in legal practice.

ADMISSION REQUIREMENTS

Students must apply, meet the admission requirements, and be admitted separately to both the JD and MA programs, indicating their interest in the dual program.

Students normally apply to both programs in the same year, before starting either program. Alternatively, students registered and enrolled in the JD program may apply to the combined program in the first year of JD studies, by applying and being admitted to the Graduate Program in Philosophy. This second option is possible only during the first year of JD studies and in accordance with the admission deadlines for the master's in Philosophy.

DEGREE REQUIREMENTS

Students admitted to the combined program are expected to complete all requirements within four years of full-time study, including at least three terms registered as a full-time graduate student.

Coursework

In the first year, students are registered in law and must successfully complete the following mandatory courses, in the first term:

Ethical Lawyering in a Global Community; Legal Process; State and Citizen: Canadian Public and Constitutional Law; Torts; Contracts; and Criminal Law;

and in the second term:

Ethical Lawyering in a Global Community; Legal Process; State and Citizen: Canadian Public and Constitutional Law; and Property Law

and, the following elective course, in the second term:

Perspective Option (from among options offered by Osgoode).

In the third and fourth years, in addition to continuing the major research paper, students are required to successfully complete at least **13 credits** of upper year JD courses in each of the fall and winter terms.

Major Research Paper

In the second year, students must successfully complete **18 credits** in coursework in philosophy at the graduate level including **Philosophy 5800 3.0: Core Theoretical Philosophy I** and **Philosophy 5802 3.0: Core Practical Philosophy I** plus a supervised major research paper.

Possible major research paper topics include but are not restricted to: evidence and epistemology, responsibility and tort, moral theory and criminal law/procedure, punishment, political theory and constitutional law, international law, legal reasoning, general jurisprudence, human rights, justice and procedure.

All course work for the MA must be completed during the MA year. The grading standards of the Faculty of Graduate Studies apply.

In Years 3 and 4, following the MA year, students return to Osgoode to complete the final two years of the JD but maintain status in the Faculty of Graduate Studies. In the event that a student decides not to return to Osgoode to complete the JD, the MA in philosophy may still be awarded upon successful completion of the requirements for that degree.

In addition to completing the major research paper, students are required during the final two years of the JD program to take one additional half course (**3 credits**) in philosophy at the graduate level. The major research paper counts for **6 credits** towards the JD and the additional philosophy course counts for **3 credits** toward the JD. That is, students in the combined program are allowed to count **9 credits** towards the standard upper year JD requirement, in recognition of the major research paper and extra philosophy course they are required to complete during the final two years.

GRADUATE DIPLOMA IN VALUE THEORY & APPLIED ETHICS

This program of study allows students to deepen their knowledge and skill of value theory and its application to real ethical problems. To enter this program, students must first be admitted to a regular graduate program. The diploma is awarded concurrently with the master's or doctoral degree for which the student is registered. For more information, including all diploma requirements, please contact the Graduate Program Assistant.

PHYSICS & ASTRONOMY

In the Department of Physics & Astronomy, research is conducted in the general areas of astronomy and astrophysics, atomic, molecular and optical physics; biological physics; chemical and condensed matter physics; earth, atmosphere, space science and engineering; and high energy and particle physics. This research forms a major part of the Graduate Program in Physics & Astronomy, which is structured to permit students to select either a specialized research-oriented activity within the areas of Physics and Astronomy listed above, or to choose a more interdisciplinary program in collaboration with industry or the interdisciplinary centres at York University in fields such as atmospheric chemistry, mass spectrometry and vision research. The Graduate Program in Physics & Astronomy is located in the Petrie Science & Engineering Building. Major specialized research equipment, computing facilities and comprehensive technical support services are located in the building. The science library and further computing facilities are located in an adjacent building.

APPLICATION PROCEDURE

Applications are accepted at any time but first consideration is made for files completed by the deadlines published online at <http://futurestudents.yorku.ca/graduate/programs/physics-and-astronomy>; applications are available online. Prospective students may also request a hard copy application form from: Graduate Program Director of Physics & Astronomy, York University, 4700 Keele Street, Toronto, Ontario, M3J 1P3, Canada, <http://www.physics.yorku.ca>, gradphas@yorku.ca.

Completed application forms, letters of recommendation from referees, and up-to-date transcripts are reviewed by the Graduate Program in Physics & Astronomy and admissions are made to the program on a competitive basis.

MASTER OF SCIENCE PROGRAM

ADMISSION REQUIREMENTS

Graduates with a bachelor's degree in engineering physics or an honours degree in physics or astronomy, or an equivalent degree, from a recognized university with at least B+ standing, may be admitted as candidates for the MSc degree.

QUALIFYING YEAR

Graduates in pure or applied science without the appropriate background in honours level physics and with at least B+ standing from a recognized university may register as a Special Student at the undergraduate level during a makeup year to raise their level to the minimum admission level required of candidates for the MSc degree. ❖ *Note:* Successful completion of studies as a Special Student at the undergraduate level does not guarantee admission to the graduate program.

DEGREE REQUIREMENTS

MSc Degree by Thesis

Candidates for the MSc degree by thesis in either the Physics or Astronomy Stream must fulfil the following requirements:

1. Courses

- a) All entering students plan a research program with their supervisor at the start of their degree studies. Progress in research is monitored by the supervisory committee through meetings with

the student and by a progress report consisting of a written paper and an oral presentation each year. In the event of failure to achieve satisfactory progress the student will normally be required to withdraw from the program. Satisfactory progress in research results in credit for **Physics & Astronomy 6001 3.0: MSc Research Evaluation**.

- b) In addition to the **Research Evaluation**, candidates must successfully complete a minimum of **9 course credits**, or equivalent. Courses must be selected in consultation with the candidate's supervisor.

Courses must include:

Physics Stream

One half-course (3 course credits) chosen from:

Physics & Astronomy 5000 3.0: Quantum Mechanics I, and, **Physics & Astronomy 5020 3.0: Electromagnetism**.

To complete course requirements, candidates must select **an additional 3 course credits** from the Graduate Program in Physics & Astronomy. The remaining **3 course credits** may be selected from the Graduate Programs in Physics & Astronomy or other science-related graduate programs. **At least 6 course credits must be from courses not integrated with an undergraduate course.**

Astronomy Stream

Physics & Astronomy 5090 3.0: Stars and Nebulae or its equivalent, **Physics & Astronomy 5490 3.0: Astronomical Research**, and **one half-course** chosen from among:

Physics & Astronomy 5020 3.0: Electromagnetism; **Physics & Astronomy 5030 3.0: Statistical Mechanics**; and, **Physics & Astronomy 5120 3.0: Gas and Fluid Dynamics**.

In addition, any candidate who lacks background in observational and/or theoretical methods of astronomy should consider taking **Physics & Astronomy 5390 3.0: Astronomical Techniques**.

2. Thesis and Oral Examination

Candidates must conduct research under the general direction of a supervisor and supervisory committee and describe it in an appropriate thesis. The research and thesis should demonstrate the candidate's research ability in the area of investigation, and should normally be of such a standard as to warrant publication in the scientific literature. After the formal submission of the thesis, an oral examination, centred on the thesis research, is held. Prior to the oral examination each candidate delivers a formal public lecture describing his/her research work.

MSc Degree by Project

Candidates for the MSc degree by project in either the Physics or Astronomy Stream must fulfill the following requirements:

1. Courses

- a) All entering students plan a research program with their supervisor at the start of their degree studies. Progress in research is monitored by the supervisory committee through meetings with the student and by a progress report consisting of a written paper and an oral presentation each year. In the event of failure to

achieve satisfactory progress the student will normally be required to withdraw from the program. Satisfactory progress in research results in credit for **Physics & Astronomy 6001 3.0: MSc Research Evaluation**.

- b) In addition to the Research Evaluation, candidates must successfully complete **15 course credits**. Courses must be selected in consultation with the candidate's supervisor.

Courses must include:

Physics Stream

Physics & Astronomy 5000 3.0: Quantum Mechanics I and
Physics & Astronomy 5020 3.0: Electromagnetism.

To complete the remaining course requirements, candidates must select at least **3 course credits** from the Graduate Program in Physics & Astronomy, and another **6 course credits** may be selected from the Graduate Program in Physics & Astronomy or other science-related graduate programs. At least **7.5 course credits** must be from courses not integrated with an undergraduate course.

Astronomy Stream

Physics & Astronomy 5090 3.0: Stars and Nebulae or its equivalent; **Physics & Astronomy 5490 3.0: Astronomical Research**; and one half-course chosen from among:
Physics & Astronomy 5020 3.0: Electromagnetism;
Physics & Astronomy 5030 3.0: Statistical Mechanics; and,
Physics & Astronomy 5120 3.0: Gas and Fluid Dynamics.

To complete the remaining course requirements, candidates must select at least **3 course credits** from the Graduate Program in Physics & Astronomy, and another **3 course credits** may be selected from the Graduate Program in Physics & Astronomy or other science-related graduate programs. Any candidate who lacks background in observational and/or theoretical methods of astronomy should consider taking **Physics & Astronomy 5390 3.0 Astronomical Techniques**. At least **7.5 course credits** must be from courses not integrated with an undergraduate course.

2. Research Project

Candidates must conduct research under the general direction of a supervisor and supervisory committee and describe it in a written report. The research and report should demonstrate the candidate's research ability in the area of investigation.

MSc Degree by Coursework

Candidates must successfully complete **24 course credits**, including a minimum of **9 course credits** per academic year. The progress of each coursework MSc student will be reviewed annually by the Executive Committee of the graduate program. In the event of failure to achieve satisfactory progress, the student will lose full-time status in the program.

Courses must include:

Physics & Astronomy 5000 3.0: Quantum Mechanics I and
Physics & Astronomy 5020 3.0: Electromagnetism.

To complete course requirements, candidates must select **half of the remaining course credits** from the Graduate Program in Physics & Astronomy, and the remaining **course credits** may be selected from the Graduate Programs in Physics & Astronomy or other science-related graduate programs. At least **9 course credits** must be from courses not integrated with an undergraduate course.

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

Graduates with a bachelor's degree in engineering physics or an honours BSc degree in physics or astronomy, or an equivalent degree, from a recognized university with at least B+ standing may be considered for admission to a program leading to the PhD degree. However, such graduates must first register as candidates for the MSc degree and are required, before entering the doctoral program, to demonstrate capability in several core areas of the Graduate Program in Physics & Astronomy. These areas depend on the research area of the student. If their progress is satisfactory, they may be transferred after one year into the PhD program and advance in status to candidates (PhD I) for the PhD degree on the recommendation of their supervisory committee and the Graduate Program Director.

Graduates with a Master's degree in physics, astronomy or engineering physics from a recognized university may be admitted as candidates (PhD I) for the PhD degree.

DEGREE REQUIREMENTS

Candidates for the PhD degree in either the Physics or Astronomy Stream must fulfil the following requirements:

1. Courses

- a) All entering students plan a research program with their supervisor at the start of their degree studies. Progress in research is monitored by the supervisory committee through meetings with the student and by a progress report consisting of a written paper and an oral presentation each year. In the event of failure to achieve satisfactory progress the student will normally be required to withdraw from the program. Satisfactory progress in research results in credit for **Physics & Astronomy 7001 3.0: PhD Research Evaluation**.

- b) In addition to the Research Evaluation, candidates must successfully complete a minimum of **3 credits**, for a total of **18 credits** beyond the BSc. **Additional credits may be required, at the discretion of the Graduate Program Director or the supervisory committee**. Courses must be selected in consultation with the student's supervisor and based upon the area of research specialization.

Candidates must take the following courses if they have not already done so:

Physics Stream

Physics & Astronomy 5000 3.0: Quantum Mechanics I, and,
Physics & Astronomy 5020 3.0: Electromagnetism.

Astronomy Stream

Physics & Astronomy 5090 3.0: Stars and Nebulae or its equivalent;
Physics & Astronomy 5490 3.0: Astronomical Research;
and one course chosen from among:
Physics & Astronomy 5020 3.0: Electromagnetism
Physics & Astronomy 5030 3.0: Statistical Mechanics, and,
Physics & Astronomy 5120 3.0: Gas and Fluid Dynamics.

Any candidate who lacks background in observational and/or theoretical methods of astronomy should consider taking **Physics & Astronomy 5390 3.0: Astronomical Techniques**.

To complete the **18-credit** post-BSc course requirement, candidates must select half of the remaining credits from the Graduate Program in Physics & Astronomy. Remaining credits may be selected from the Graduate Program in Physics & Astronomy or other science-related graduate programs. At least **12** of the **18 credits** must be from courses not integrated with an undergraduate course.

2. Dissertation and Oral Examination

Candidates must successfully complete a significant piece of research, under the general direction of a supervisor and a supervisory committee, and describe it in an appropriate dissertation. The research must be of such a standard that it would be acceptable for publication in the scientific literature. After the formal submission of the dissertation, an oral examination, centred on the dissertation-research is held. Prior to the oral examination each candidate delivers a formal public lecture on his/her research work.

POLITICAL SCIENCE

The Graduate Program in Political Science is designed to provide students with a broad training in political science and an opportunity for study in cognate fields. Courses will be offered in five fields: political theory; Canadian politics; international relations; comparative politics; and women and politics.

RESEARCH FACILITIES

The Graduate Program in Political Science takes an interdisciplinary approach to the study of politics and is committed to critical thinking and political change. Among its particular focuses are critical political economy; critical social theory; critical global politics; feminist politics; the history of political thought; social movements and social justice; theories of power; and justice and democracy.

It features Graduate Diplomas in Democratic Administration as well as the Graduate Diploma in International & Security Studies.

Graduate program professors and graduate students are associated with such independent research institutes at York as the Centres for Asian Research, Feminist Research, Global Labour Research, Refugee Studies, Research on Latin America & the Caribbean, and the Robarts Centre for Canadian Studies.

The York University libraries have a comprehensive set of journals and government documents. The Institute for Social Research, one of the largest university-based survey research centres in Canada, provides expert consulting in social statistics and teaches a range of short courses on statistics and social research.

York University has established a distributed computing environment based upon networks connecting a variety of specialized servers. Students have access to Air York Plus which is a wireless internet connection and can access their email from this service and other high-end software required for the downloading of research materials. Political Science provides some computers for the use of graduate students. As well there is access to other computer laboratories on campus such as the William Small Centre Computing Commons, Scott Library and Stedman Library computer classrooms.

APPLICATION PROCEDURE

Since the number of places is limited, students should apply as early as possible, according to the deadline specified in the Graduate Admissions website:

<http://futurestudents.yorku.ca/graduate/programs/>.

To apply, students should visit the Graduate Admissions website: http://futurestudents.yorku.ca/graduate/apply_now and follow the instructions.

GRADUATE DIPLOMA IN DEMOCRATIC ADMINISTRATION

Students may specialize formally in the area of Democratic Administration. The diploma is awarded concurrently with the master's or doctoral degree for which the student is registered. Students must complete the core course for the diploma, **Political Science 6155 3.0: Democratic Administration**. For more information, including all diploma requirements, please see the section "Graduate Diploma in Democratic Administration" in this *Calendar*.

GRADUATE DIPLOMA IN INTERNATIONAL & SECURITY STUDIES

The Graduate Diploma in International & Security Studies provides master's and doctoral students the opportunity to specialize in the area of international and security studies, and to have this specialization noted on their transcripts. All requirements for the graduate diploma and relevant degree, either master's or doctoral, must be fulfilled before the graduate diploma is awarded. For more information, including all diploma requirements, please see the section "Graduate Diploma in International & Security Studies" in this *Calendar*.

MASTER OF ARTS PROGRAM

ADMISSION REQUIREMENTS

An honours degree in political science or its equivalent from a recognized university with at least a B+ average in the last two years equivalent of undergraduate study.

DEGREE REQUIREMENTS

The MA degree normally requires one full year to complete.

MA Degree by Designated Research Essay

Candidates for the MA degree by designated research essay must fulfil the following requirements:

1. Courses

Four full courses, or equivalent, chosen from those offered at the 5000- or 6000-level by the Graduate Program in Political Science; at least three full course equivalents must be at the 6000-level.

2. Designated Research Essay

Candidates must, as part of the course requirements in one of their 6000-level research seminars, write a designated research essay of approximately 30 pages in length. Candidates should notify the program of their choice of essay no later than the third week of the Winter Term. The designated research essay is subject to revision at the discretion of the supervisor/course director and needs to be passed by a second reader from among the members of the Graduate Program in Political Science. A copy will be left on file with the program along with the readers' comments.

MA Degree by Major Research Paper

Candidates for the MA degree by major research paper must fulfil the following requirements:

1. Courses

Three full courses, or equivalent, chosen from those offered at the 5000- or 6000-level by the Graduate Program in Political Science.

2. Research Paper

Candidates must undertake research (**Political Science 6999 6.0**) under direction of a Political Science graduate faculty member on an approved topic and write an extensive research paper on this research. Candidates will be examined orally on their research paper and work in courses by a committee consisting of the research paper supervisor and at least one other faculty member. A copy will be left on file with the program along with the readers' comments.

MA Degree by Thesis

Candidates for the MA degree by thesis must fulfil the following requirements:

1. Courses

Two full courses, or equivalent, chosen from those offered at the 5000- or 6000-level by the Graduate Program in Political Science.

2. Thesis and Oral Examination

Candidates must conduct a research study and report the results in appropriate thesis form. The research and thesis should demonstrate the candidate's independence, originality, and understanding of the area of investigation at an advanced level. After the formal submission of the thesis, an oral examination, normally centred on the thesis and matters related to it, is held.

MA COLLOQUIUM

Candidates for the MA degree will be required to attend and participate in a political science colloquium which will be held weekly throughout the first term. The colloquium, and graded on a "Pass/Fail" basis, is intended to permit members of the program to explore the discipline and to provide an opportunity for students and faculty to acquire a knowledge of fields other than those of their prime interest.

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

A master's degree in political science, with at least a B+ average, from a recognized university.

DEGREE REQUIREMENTS

Candidates for the PhD degree must choose two fields of study, one of which is designated as major and the other as minor. The major field of study must be chosen from Canadian Politics, Comparative Politics, International Relations, Political Theory and Women and Politics. Normally the minor field of study is also chosen from these fields. However, upon approval of the Executive Committee a student may substitute a specialized minor. Specialized minors may lie within political science or in such disciplines as history, philosophy or sociology. In addition candidates must successfully complete at least one half course at the graduate level in a third field.

Candidates (PhD I & II) for the PhD degree must fulfil the following requirements:

1. Courses

All PhD candidates must take four full graduate courses, or equivalent, normally spread over two years, at least three of which must be chosen from those offered by the Graduate Program in Political Science.

Normally a student will be required to take: (a) the core course in the major field; (b) the core course in the minor field or, for a specialized minor, a full course which is deemed equivalent to a core course; (c) at least one half course in a field other than the major and minor (unless satisfied at the MA level); (d) an additional course in the major field.

2. Qualifying Examination

All PhD candidates must take written examinations in their major and minor fields. Normally these examinations are written in May and June following completion of the core course for the field. The written examinations may be followed by oral examination where the Examination Committee deems it to be appropriate.

3. Dissertation Proposal Workshop

PhD III candidates are required to register in and attend **Political**

Science 7000 0.0: PhD Dissertation Proposal Workshop. The proposal workshop consists of 3 three-hour sessions offered on a monthly basis during the Fall term of the academic year (with dates set for late September, October and November), plus two individual meetings (totalling 1.5 hours) with the Graduate Program Director to discuss their dissertation proposal, to set up a supervisory committee and to go over the draft proposal. Students receive a passing grade by attending the three sessions and the one and one-half hour meetings with the Graduate Program Director.

The requirement of the workshop is the submission of a completed 12-page double-spaced (approximately 3000 word) dissertation proposal draft by the end of the third week of December, PhD III. Students receive a passing grade by attending all three collective sessions, a half hour preliminary individual meeting with the Graduate Program Director in the first week of October and a one hour individual meeting with the Graduate Program Director in November where they go over their working draft proposal prior to the third collective session in which the student is required to prepare, circulate and present a draft of the proposal.

4. Dissertation and Oral Examination

Upon successful completion of the course requirements, and the qualifying examinations, candidates must conduct a research study and report the results in appropriate dissertation form. The research and dissertation should demonstrate the candidate's independence, originality, and understanding of the field of investigation at an advanced level. After the formal submission of the dissertation, an oral examination, normally centred on the dissertation and matters related to it, is held.

LANGUAGE AND COGNATE REQUIREMENT

All candidates for the PhD degree must have completed successfully at least one year of a foreign language in a university or the equivalent, or one year in a cognate skill (such as statistics), or its equivalent. French is a required language for all graduate students wishing to major in Canadian Politics. The language and cognate requirements may be fulfilled by formal coursework or by special examination after admission to the program.

PSYCHOLOGY

The Graduate Program in Psychology at York offers courses, opportunities for research, and professional training leading to a general MA degree† and more specialized PhD degrees. The PhD program provides a broad foundation in the basic principles and methods of behavioural science and, in addition, considerable field experience. Graduates are expected to be familiar with a wide range of problems confronting both academic and professional psychologists and to be knowledgeable in sufficient depth in specialized areas to contribute to solutions of both theoretical and applied problems.

Training is offered in seven areas of specialization:

- ❖ Brain, Behaviour and Cognitive Sciences
- ❖ Clinical Psychology
- ❖ Clinical-Developmental Psychology
- ❖ Developmental Science
- ❖ Historical, Theoretical and Critical Studies of Psychology
- ❖ Quantitative Methods
- ❖ Social and Personality Psychology

AREAS OF SPECIALIZATION

Brain, Behaviour and Cognitive Sciences

The Brain, Behaviour and Cognitive Sciences area trains students in the fields of perception, sensory motor control, animal behaviour, cognition, measurement theory, neuropsychology and biomedical sciences. This training is relevant to both basic and applied science. Experimental approaches include: psychophysics, electrophysiology (single unit and evoked potential), brain imaging, computational modeling, observational fieldwork and kinematic analysis. Research practica are an integral part of the learning experience and can take place in York University laboratories and a variety of clinical and industrial settings. For more information please contact the Area Coordinator, Dr. Ingo Freund.

Clinical Psychology

The Clinical Psychology area is accredited by the Canadian Psychological Association. Its program of study follows the scientist-practitioner model that is the predominant model in North American clinical psychology, and emphasizes the development of research skills/independent scholarship as well as clinical skills. The program is designed for students who wish to combine psychological theory, research and practice in preparation for university teaching and research and/or for clinical practice and research in settings such as clinic, hospital or social service agencies. In order to meet the program's accreditation requirements, each student must take a one-year (1600 hours) internship at an accredited internship setting as part of the PhD requirements. This may require relocation outside of the Greater Toronto area for one year.

Clinical Psychology offers a variety of psychological assessment and treatment modalities. Particular strengths in research and scholarship are in the fields of psychotherapy, neuropsychology, health psychology and clinical research methodology.

Clinical Neuropsychology Stream: New applicants must apply to the Clinical or Clinical Developmental Areas. Students must take

the core clinical courses (with the exception of **Psychology 6437 3.0**) and an additional set of core neuropsychology-related courses. (**Psychology 6325 3.0: Clinical Neuroanatomy**, **Psychology 6320 3.0: Human Neuropsychology: History and Syndromes**, **Psychology 6330 3.0: Cognitive Neurorehabilitation**, **Psychology 6450 3.0: Principles of Neuropsychological Assessment**).

Students in the clinical neuropsychology stream must also attend neuropsychology rounds, conduct neuropsychological research as part of the dissertation, and obtain neuropsychological practicum and internship placements. For more information, see: <http://psychology.gradstudies.yorku.ca/about/neuropsychology>

❖ *Note:* The address of the Canadian Psychological Association is:

Dr. Stewart Madon, Registrar, Accreditation Panel
Canadian Psychological Association
141 Laurier Avenue West, Suite 702
Ottawa, Ontario, K1P 5H3
(888) 472-0657, extension 333
accreditation@cpa.ca
<http://www.cpa.ca>

Internship information may be found at:

Association of Psychology Postdoctoral and Internship Centres (APPIC)
www.appic.org
Canadian Council of Professional Psychology Programs (CCPPP)
www.cccppp.ca

Prior to completion of the area's PhD, students are required to demonstrate:

1. Competence with a reasonable sample of cognitive, personality, behavioural, neuropsychological and psychometric techniques of assessment that are oriented to the refinement of intervention strategies.
2. Competence with a reasonable sample of cognitive, behavioural, experiential and psychodynamic systems of psychotherapy.
3. Competence in clinically relevant research.

In addition to course requirements, this area relies heavily on an apprenticeship system in which each student works closely with their supervisor and a variety of psychologists practising in a wide range of internship settings for an interactive enhancement of both the academic and practical aspects of the student's educational experience. For more information about the area, contact the Director of Clinical Training, Dr. Jennifer Mills. For more information regarding the Clinical Neuropsychology Stream, please contact Dr. Walter Heinrichs.

Clinical-Developmental Psychology

The Clinical-Developmental Psychology area is accredited by the Canadian Psychological Association. The Clinical-Developmental Psychology area subscribes to a scientist-practitioner philosophy and emphasizes a developmental approach to clinical practice with typical and atypical populations. The Clinical-Developmental Psychology area is open to students at the MA and PhD levels who are interested in combining psychological theory and clinical training in research and professional work in child, adolescent, and family practice.

†Students in the two Clinical Psychology areas complete a more specialized MA program, followed by the PhD program.

Clinical Neuropsychology Stream: new applicants must apply to the Clinical or Clinical Developmental Areas. Students must take the core Clinical-Developmental courses and an additional set of core neuropsychology-related courses (**Psychology 6325 3.0: Clinical Neuroanatomy, Psychology 6320 3.0: Human Neurorehabilitation: History and Syndromes, Psychology 6330 3.0: Cognitive Neurorehabilitation, Psychology 6945 3.0: Applied Paediatric Neuropsychology**).

Students in the clinical neuropsychology stream must also attend neuropsychology rounds, conduct neuropsychological research as part of the dissertation, and obtain neuropsychological practicum and internship placements. For more information, see: <http://psychology.gradstudies.yorku.ca/about/neuropsychology>

Prior to completion of a PhD, Clinical-Developmental Psychology area students are required to demonstrate:

1. Competence in conducting research, including:
 - a) expertise in conceptualization and critical evaluation regarding research issues;
 - b) expertise in various research and evaluation methodologies suitable for typical and atypical populations in various settings (clinical, community, and academic); and,
 - c) expertise in dissemination of research to diverse audiences.
2. Clinical competence according to accreditation and registration standards, including:
 - a) competence in assessment/evaluation of various child and adolescent disorders and disabilities;
 - b) competence in diagnostic formulation and communicating diagnoses to children, adolescents, and their families;
 - c) competence in various methods of evidence-based intervention; and,
 - d) beginning competence in supervision of more junior trainees.
3. Competence in ethical and professional issues related to the practice of psychology, including the demonstration of:
 - a) a professional identity as a psychologist and scientist-practitioner;
 - b) high standards of ethical and professional behaviour;
 - c) good self-awareness, self-evaluation, and knowledge of strengths and limits;
 - d) awareness of the impact of individual, cultural, and other forms of diversity; and,
 - e) citizenship regarding contributing to the profession.

For the address of the Canadian Psychological Association, and internship information, see the above Clinical area section.

For more information about the area, contact the Director of Clinical Training, Dr. Mary Desrocher. For more information regarding the Clinical Neuropsychology stream, please contact Dr. Walter Heinrichs.

Developmental Science

The Developmental Science area trains students in theory and research related to the processes and implications of change across the lifespan. Research interests of our faculty members broadly include social, emotional, visual and cognitive changes in infancy; language, and cognitive development in childhood; educational applications; comparative development; bilingualism; and cognitive change in adulthood and older age. Approaches include comparative and evolutionary psychology, experimental behavioural methods, individual differences approaches, and the full range of neuroscience techniques (*e.g.*, fMRI, event-related potentials and patient studies).

Students gain experience through coursework, research, and supervised practica. Practica can take place in laboratories at York or other research centres, or in applied settings such as hospitals. For more information about this area, contact Dr. Thanujeni Pathman.

Historical, Theoretical and Critical Studies of Psychology

The Historical, Theoretical and Critical Studies area in Psychology at York University reflects a vibrant interdisciplinary field dedicated to the history and philosophy of what it means to be human. The area examines what kinds of knowledge have come to count in psychology and why, and explores the ethical, ontological, methodological, and epistemological questions that face the discipline. The area contributes to and draws upon a variety of theoretical frameworks (feminist theory, critical theory, hermeneutics, *etc.*) and engages in contemporary debates using a wide range of qualitative (archival research, oral history interviews, thematic analysis) and quantitative (social network analysis, web-scraping) methods. The area studies how psychology is shaped by society and how psychology has come to shape society. For more information about this area, contact the Area Coordinator, Dr. Alexandra Rutherford.

Social and Personality Psychology

Faculty and students in the Social and Personality Area conduct basic scientific research on foundational topics, such as attitudes, decisions, emotions, personality traits, relationships, groups, culture, and the self. They also conduct research on a variety of topics related to important social issues and real-world applications, such as co-worker relations and forgiveness, stress and coping, jury decision-making and sexual assault, romantic relationships and sexual health, depression and self-esteem, happiness and meaning, crosscultural psychology, minority status and inter-group conflict, stereotyping and prejudice, and interactions with mass media and technology. Students' scientific and applied training is developed further through various applied practica including the laboratories of faculty members and various settings outside the university. For more information about the area, contact the Area Coordinator, Dr. Ward Struthers.

Quantitative Methods

The Quantitative Methods in Psychology area trains students in the research, development and application of advanced quantitative methods for modeling psychological and behavioural science data. Students are trained for research-based positions in academic, governmental, educational and commercial organizations. Areas of research include statistical graphics for multivariate data, robust ANOVA (analysis of variance) methods, equivalence testing methods, methods for psychological measurement, methods for longitudinal data analysis, and research in latent variable models. These quantitative research areas often involve applications to substantive issues in clinical, clinical-developmental, developmental science, social-personality and other fields of psychology. Students in the Quantitative Methods area have the opportunity to conduct research on the other substantive areas of psychology, in conjunction with their quantitative training. For more information about this area, contact the Area Coordinator, Dr. Robert Cribbie.

RESEARCH FACILITIES

Most of the facilities for the Graduate Program in Psychology are located on the main York campus, primarily in the Behavioural Sciences Building. The laboratory space, equipment, and media rooms provide excellent facilities for a wide range of experimental research. The building also houses clinical and child-study centres, including the York University Psychology Clinic, as well as the Donald O. Hebb Computer Lab. The Hebb lab and Psychology Resource Centre play a critical role in the research and teaching missions of the Department and of the York University Psychology

Clinic. The Psychology Resource Centre provides access to a variety of academic supports apart from the library resources, including bookable space for research; computers with standard and statistical software suites; statistical advising; writing and learning assistance. The configuration provides flexible space for individual and collaborative space for groups to formally and/or spontaneously engage with their learning after leaving the classroom. Faculty members and groups of students or the graduate students themselves use the bookable space to meet and work together, review findings; prepare for presentations; conduct, video and critique one another's practice assessments; conduct research with participants; run make-up exams; hold teaching assistant office hours; review and use Psychology Resource Centre tools and resources (tests, test aids; multimedia, reference tools; internship, practica holdings, funding, writing guides; laptop and test scoring software; *etc.*). The Department's two Computer Laboratories and the Psychology Resource Centre on the ground floor of the Behavioural Science Building house a total of 50 workstations and a printer. The Graduate Computer Lab has 12 computers which are reserved for the exclusive use of graduate students 24 hours/7 days a week.

SUPPORTING INSTITUTIONS

There are many institutions and agencies affiliated with the Graduate Program in Psychology in which practica may be completed and thesis data collected.

For the **Clinical** area, these include:

Baycrest Hospital;
 Centre for Addiction and Mental Health;
 Correctional Services of Canada;
 Centre for Addiction and Mental Health;
 Counselling and Disability Service, York University;
 Hamilton Health Sciences, Clinical Neuropsychology;
 Humber River Hospital, Adult Mental Health Program;
 Lakeridge Health Oshawa;
 London Health Sciences Centre;
 Markham Stouffville Hospital;
 North York General Hospital;
 Ontario Correctional Institute;
 Ontario Shores Centre for Mental Health Sciences;
 Oshawa Psychological and Counselling Services;
 Ryerson University, Centre for Student Development and Counselling;
 Southlake Regional Health Centre, Neuropsychology;
 St. Joseph's Healthcare (Hamilton);
 Sunnybrook Health Sciences, Odette Cancer Centre, Patient and Family Support Services;
 Sunnybrook Health Sciences, Neuropsychology Assessment Service;
 Sunnybrook Health Sciences, Frederick W. Thompson Anxiety Disorders Centre;
 Surrey Place Centre;
 Toronto Academic Pain Medicine Institute at Women's College Hospital;
 University Health Network, Princess Margaret Hospital;
 University Health Network, Toronto Rehabilitation Institute;
 University Health Network, Toronto Western Hospital;
 University of Toronto, Counselling and Learning Skills Service;
 Vanier Centre for Women and Maplehurst Correctional Complex;
 Waypoint Centre for Mental Health Care;
 Women's College Hospital Trauma Therapy Program; and
 York University Psychology Clinic.

For the **Clinical-Developmental** area, these include:
 Aisling Discoveries Child & Family Centre;
 Holland Bloorview Kids Rehabilitation Hospital;

Centre for Addiction and Mental Health;
 East Metro Youth Services;
 Hamilton Health Sciences Centre;
 Hamilton-Wentworth Mental Health Centre;
 Hincks-Dellcrest;
 Integra Foundation;
 Lakeridge Health Corporation, Oshawa;
 Markham Stouffville Hospital;
 Reach out for Kids (ROCK);
 Southlake Regional Health Centre, Newmarket;
 Surrey Place Centre;
 The Hospital for Sick Children;
 Toronto District School Board;
 Toronto District Catholic School Board;
 Toronto Western Hospital;
 York Region District School Board;
 York Catholic District School Board; and
 York University Psychology Clinic.

MASTER OF ARTS PROGRAM ADMISSION REQUIREMENTS

The Graduate Program in Psychology welcomes outstanding graduates of recognized universities. The usual requirement for admission is an honours degree in psychology, (or its equivalent, with at least eight full courses in psychology) and a B+ or higher standing in the last two years of study. The honours degree equivalent for students not applying to the Clinical area should include:

- a) **One full course** in Introductory Psychology;
- b) **One full course** or **two half-courses** from the following: child psychology, social psychology, abnormal psychology, personality theory and behaviour disorders, theories of personality;
- c) **One full course** in research design and statistical analysis;
- d) **One full course** or **two half-courses** in experimental psychology: cognitive processes, learning, motivation, perception, physiological psychology; and,
- e) **Four other full psychology courses** or the equivalent.

Applicants must submit official scores from the Graduate Record Examination (General Test required for all areas; Subject Test in Psychology also required for Clinical and Clinical-Developmental areas).

The honours degree equivalent for students applying to the Clinical area should include:

- a) **One full course** in Introductory Psychology;
- b) **One full course** in Research Design and Statistical Analysis; and,
- c) The equivalent of **six other full courses in psychology**.

Applicants to the Clinical area are expected to have a general background and knowledge in core content areas of psychology. Of the **six other full courses, one full course** or **two half-courses** in each of the following core content areas, taken at the undergraduate level, are accepted as satisfying this expectation:

- ❖ biological bases of behaviour (*e.g.*, physiological psychology, comparative psychology, neuropsychology, sensation, psychopharmacology; health psychology);
- ❖ cognitive-affective bases of behaviour (*e.g.*, learning, memory, perception, cognition, thinking, motivation, emotion);
- ❖ social bases of behaviour (*e.g.*, social psychology; cultural, ethnic and group processes; sex roles; organizational and systems theory); and,

- ❖ individual behaviour (e.g., personality theory, human development, individual differences, abnormal psychology).

Students deficient in any of the above content areas may be admitted to the Clinical Area. However, such students must make up for any deficiencies through appropriate courses taken prior to the completion of their coursework for the PhD program.

Students with such qualifications may be admitted as candidates for the MA degree. Applicants must submit official scores from the Graduate Record Examination (General Test and Subject Test in Psychology).

DOCTOR OF PHILOSOPHY PROGRAM ADMISSION REQUIREMENTS

The usual prerequisite for admission to the PhD program in psychology is a master's degree in psychology. However, the Graduate Program in Psychology may consider applications from exceptional students with master's degrees in other fields. Normally, students may not enter the PhD program until they have completed all the master's requirements including the thesis.

MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

DEGREE REQUIREMENTS (by Area)

BRAIN, BEHAVIOUR AND COGNITIVE SCIENCES

MASTER OF ARTS PROGRAM

1. Courses

- Six credits** in courses specializing in quantitative methods from the statistics courses offered in graduate psychology, chosen from a list of courses approved by the program; and,
- Three half-courses** or equivalent chosen from those offered at the 6000 level by the Graduate Program in Psychology (not including computer skills courses).

2. Practica

Each area of specialization assigns practica to its students. In the practicum the student's academic learning is applied and consolidated. The practicum is also the context in which the student's professional conduct and development are supported and evaluated. Grades are given to practica, and are assigned with full awareness that both academic learning and professional responsibility are uniquely related in the practicum experience.

Candidates for the MA degree are required to serve on campus at least one practicum, typically a research practicum (**Psychology 6820 6.0**), or an applied practicum (**Psychology 6810 6.0**).

3. Thesis and Oral Examination

Under the supervision of a committee (normally consisting of a supervisor and one other faculty member from the program), each candidate must conduct a research study on a topic chosen in consultation with their his supervisor and report the results in appropriate thesis form. The research and thesis should demonstrate the candidate's independence, originality, and understanding of the area under investigation. After the formal submission of the thesis, an oral examination, normally centred on the thesis and matters related to it, is held.

❖ *Note:* The MA program requires a minimum of two years (six terms of registration). All requirements for the MA degree must

be fulfilled within four years (12 terms). Students who have not finished at the end of two years (six terms) must register part-time and become ineligible for further course registration, practica, and financial support until all requirements for the degree are met.

DOCTOR OF PHILOSOPHY PROGRAM

1. Courses

- Psychology 6020 3.0: Historical and Theoretical Foundations of Contemporary Psychology A** or **Psychology 6030 3.0: Historical and Theoretical Foundations of Contemporary Psychology B**;
- Six credits** in courses specializing in quantitative methods from the statistics courses offered in graduate psychology, chosen from a list of courses approved by the program;
- Three half-courses** or equivalent chosen in consultation with the candidate's supervisor, from those Brain, Behaviour and Cognitive Science psychology courses offered at the 6000 level.

2. Practica

Each area of specialization assigns practica to its students. In the practicum the student's academic learning is applied and consolidated. The practicum is also the context in which the student's professional conduct and development are supported and evaluated. Grades are given to practica, and are assigned with full awareness that both academic learning and professional responsibility are uniquely related in the practicum experience.

Candidates (PhD I & II) are normally required to complete at least one practicum. The two types of practica are the applied practicum (**Psychology 6810 6.0**) and the research practicum (**Psychology 6820 6.0**).

3. Academic Breadth Comprehensive Paper

Each PhD candidate is required to write an academic breadth comprehensive paper on a topic chosen in consultation with their supervisor. The academic breadth comprehensive paper is intended to foster breadth of psychological knowledge, and therefore must be in an area not directly related to the candidate's dissertation research. With permission, the topic may be chosen from a field outside psychology.

The academic breadth comprehensive paper must be completed and approved by the end of the summer term (September 15) of the third year of the PhD residency (PhD III). It is expected that the academic breadth comprehensive paper will be completed before work begins on the PhD dissertation.

4. Dissertation and Oral Examination

Each PhD candidate must conduct one or more research studies on a topic chosen in consultation with their supervisor and report the results in appropriate dissertation form. A comprehensive proposal (including a review of the relevant literature) is to be submitted in the first 18 months of the PhD and must obtain final approval of the supervisory committee by the end of the second year at the latest. The research and dissertation should demonstrate the candidate's independence, originality, and understanding of the area of investigation and should constitute a contribution to knowledge. After the formal submission of the dissertation, an oral examination, normally centred on the dissertation and matters related to it, is held to determine whether or not the candidate has fulfilled their dissertation requirement.

❖ *Note:* The PhD program requires a minimum of two years (six terms of registration). All requirements for a PhD degree must be

fulfilled within 18 terms (6 years) of registration as a full-time or part-time doctoral student. Terms that students register as Leave of Absence, Maternity Leave, Parental Leave or No Course Available are not included in these time limits.

CLINICAL PSYCHOLOGY MASTER OF ARTS PROGRAM

1. Courses

- a) **Psychology 6131 3.0: Univariate Analysis I: Analysis of Variance**, and **Psychology 6132 3.0: Univariate Analysis II: Regression**;
- b) **Psychology 6420 6.0: Foundations of Clinical Psychology**;
- c) **Psychology 6430 6.0: Assessment in Psychology**;
- d) **Psychology 6436 3.0: Evidence-Based Principles of Psychotherapy**; and,
- Psychology 6437 3.0: Approaches to Psychotherapy: Advanced Study.** (*Psychology 6437 3.0 is not required for students in the Clinical Neuropsychology Stream.*)

2. Practica

Each area of specialization assigns practica to its students. In the practicum the student's academic learning is applied and consolidated. The practicum is also the context in which the student's professional conduct and development are supported and evaluated. Grades are assigned with full awareness that both academic learning and professional responsibility are uniquely related in the practicum experience. Grades are given for practica.

Students accepted into the Clinical Area are required to complete a research practicum (**Psychology 6820 6.0**) and a clinical practicum (**Psychology 6430P 6.0**), each entailing 330 hours of the student's time.

For Clinical Neuropsychology students:

Program-sanctioned YUPC Hours (30 hours over the course of MA training), which will provide MA students with an opportunity to obtain credit for participating in the YUPC during the 12-month academic year. The 30 hours of program-sanctioned YUPC hours are in addition to the existing practica requirements.

3. Thesis and Oral Examination

Under the supervision of a committee (normally consisting of a supervisor and one other faculty member from the program), each candidate must conduct a research study on a topic chosen in consultation with their supervisor and report the results in appropriate thesis form. The research and thesis should demonstrate the candidate's independence, originality, and understanding of the area under investigation. After the formal submission of the thesis, an oral examination, normally centred on the thesis and matters related to it, is held.

❖ *Note:* The MA program requires a minimum of two years (six terms of registration). All requirements for the MA degree must be fulfilled within four years (12 terms). Students who have not finished at the end of two years (six terms) must register part-time and become ineligible for further course registration, practica, and financial support until all requirements for the degree are met.

DOCTOR OF PHILOSOPHY PROGRAM

1. Courses

General Clinical stream:

- a) **Psychology 6020 3.0: Historical and Theoretical Foundations of Contemporary Psychology A** or **Psychology 6030 3.0:**

Historical and Theoretical Foundations of Contemporary Psychology B;

- b) **Six credits** in courses specializing in quantitative methods from the statistics courses offered in graduate psychology, chosen from a list of courses approved by the program;
- c) **Psychology 6441P 6.0: Psychodiagnostics**;
- d) **Psychology 6445P 6.0: Advanced Psychological Intervention**;
- e) **Psychology 6490B 3.0: Ethical Issues in Professional Practice**; and,
- f) A minimum of **one additional full course** or equivalent at the 6000 level.

Clinical Neuropsychology stream:

- a) Parts (a) through (e) above;
- b) **Psychology 6325 3.0: Clinical Neuroanatomy** (typically completed at the master's level);
- c) **Psychology 6320 3.0: Human Neuropsychology: History and Syndromes**;
- d) **Psychology 6330 3.0: Cognitive Neurorehabilitation**; and,
- e) **Psychology 6450 3.0: Principles of Neuropsychological Assessment**.

2. Practica

Each area of specialization assigns practica to its students. In the practicum the student's academic learning is applied and consolidated. The practicum is also the context in which the student's professional conduct and development are supported and evaluated. Grades are assigned with full awareness that both academic learning and professional responsibility are uniquely related in the practicum experience. Grades are given for practica.

For Clinical Neuropsychology students:

Students are required to successfully complete a clinical practicum (**Psychology 6440P 6.0**). Students have the option of taking a second clinical practicum (**Psychology 6460P 3.0/6.0**) after the PhD II year, with permission of the DCT.

Program-sanctioned YUPC Hours (20 hours over the course of PhD training). Students will be required to complete 20 hours of supervision of students in the Clinic over the course of the PhD. The 20 hours of program-sanctioned YUPC hours are in addition to the PhD practica requirements.

3. Internship

Students are required to successfully complete a one year full-time (1800 hours) clinical internship (**Psychology 6840 6.0**). This requirement may be fulfilled by two years half-time at the same institution (**Psychology 6840A 3.0** and **Psychology 6840B 3.0**). Normally this is done at the end of their program; all required coursework, the academic breadth comprehensive area paper, and an approved dissertation proposal must be completed before the student is eligible to apply for the internship. Indeed, students may do an internship after completion of the dissertation and its oral defence.

4. Clinical Competency Requirement

Each PhD candidate in the Clinical Area of specialization is required to show competence in assessment and intervention procedures that are evaluated by means of an oral examination based on samples of each candidate's performance in these two aspects of clinical work. For students in the Clinical Neuropsychology stream, the assessment case submitted for the clinical competency examination must be based on a neuropsychological evaluation. Clinical Competency requirements must be completed and approved no later than the spring term (April 30) of the third year of residence (PhD III).

5. Academic Breadth Comprehensive Paper

Each PhD candidate is required to write an academic breadth comprehensive paper on a topic chosen in consultation with their supervisor. The academic breadth comprehensive paper is intended to foster breadth of psychological knowledge, and therefore must be in an area not directly related to the candidate's dissertation research. With permission, the topic may be chosen from a field outside psychology.

The academic breadth comprehensive must be completed and approved by the end of the summer term (September 15) of the third year of the PhD residency (PhD III). It is expected that the academic breadth comprehensive paper will be completed before work begins on the PhD dissertation.

6. Dissertation and Oral Examination

Each PhD candidate must conduct one or more research studies on a topic chosen in consultation with their supervisor and report the results in appropriate dissertation form. The research and dissertation should demonstrate the candidate's independence, originality, and understanding of the area of investigation and should constitute a contribution to knowledge. After the formal submission of the dissertation, an oral examination, normally centred on the dissertation and matters related to it, is held to determine whether or not the candidate has fulfilled their dissertation requirement.

❖ *Note:* The PhD program requires a minimum of two years (six terms of registration). All requirements for a PhD degree must be fulfilled within 18 terms (6 years) of registration as a full-time or part-time doctoral student. Terms that students register as Leave of Absence, Maternity Leave, Parental Leave or No Course Available are not included in these time limits.

CLINICAL-DEVELOPMENTAL MASTER OF ARTS PROGRAM

1. Courses

- a) Either **Psychology 6020 3.0: Historical and Theoretical Foundations of Contemporary Psychology A** or **Psychology 6030 3.0: Historical and Theoretical Foundations of Contemporary Psychology B**;
- b) **Psychology 6131 3.0: Univariate Analysis I: Analysis of Variance**, and **Psychology 6132 3.0: Univariate Analysis II: Regression**;
- c) **Psychology 6610 3.0: Social and Emotional Bases of Development**;
- d) **Psychology 6900 3.0: Issues in CD Psychology: A Proseminar in Ethics, Practice, and Research**; and,
- e) **Psychology 6905 3.0: Biological and Cognitive Bases of Development**;
- f) **Psychology 6910 3.0: Psychoeducational Assessment of Children and Adolescents**;
- g) **Psychology 6920 3.0: Clinical and Diagnostic Assessment of Children and Adolescents**;
- h) **Psychology 6965 1.5: Diversity in Clinical Practice with Children and Adolescents**;
- i) **Psychology 6955 3.0: Developmental Psychopathology**.

2. Practica

Each area of specialization assigns practica to those candidates within its area. In the practicum the student's academic learning is applied and consolidated. The practicum is also a context in which the student's professional conduct and development are supported and evaluated. Grades are given to practica, and are assigned with awareness that both academic learning and professional responsibility are uniquely related to the practicum experience.

Students in the Clinical-Developmental Area are required to complete a research practicum (**Psychology 6820 6.0**).

3. Thesis and Oral Examination

Under the supervision of a committee (normally consisting of a supervisor and one other faculty member from the program), each candidate must conduct a research study on a topic chosen in consultation with their supervisor and report the results in appropriate thesis form. The research and thesis should demonstrate the candidate's independence, originality, and understanding of the area under investigation. After the formal submission of the thesis, an oral examination, normally centred on the thesis and matters related to it, is held.

❖ *Note:* The MA program requires a minimum of two years (six terms of registration). All requirements for the MA degree must be fulfilled within four years (12 terms). Students who have not finished at the end of two years (six terms) must register part-time and become ineligible for further course registration, practica, and financial support until all requirements for the degree are met.

Note: Additional Clinical-Developmental Area Requirements

Professionalism and Ethical Conduct

On an annual basis, students are formally evaluated by the area faculty members on their Professional and Ethical Conduct based on a compilation of course evaluations, practicum evaluations (if applicable), and an evaluation from their thesis supervisor.

Program-Sanctioned YUPC Hours

Students in the program will complete 30 hours during their MA conducting supervised clinical activities in the York University Psychology Clinic.

DOCTOR OF PHILOSOPHY PROGRAM

1. Courses

- a) **Six credits** in courses specializing in quantitative methods from the statistics courses offered in graduate psychology, chosen from a list of courses approved by the program;
- b) **Psychology 6930 3.0: Clinical Developmental Interventions: Foundations**;
- c) **Psychology 6490B 3.0: Ethical Issues in Professional Practice**;
- d) **Psychology 6970 3.0: Clinical Developmental Interventions: Advanced Skills**; and,
- e) Minimum of **1.0 courses** or equivalent at the 6000 level.

2. Practica

Each area of specialization assigns practica to those candidates within its area. In the practicum the student's academic learning is applied and consolidated. The practicum is also a context in which the student's professional conduct and development are supported and evaluated. Grades are given to practica, and are assigned with awareness that both academic learning and professional responsibility are uniquely related to the practicum experience.

Two clinical practica (330 hours each) are required, one in assessment (**Psychology 6910P 6.0**) and one in intervention (**Psychology 6930P 6.0**). They are completed in years PhD 1 and PhD 2, respectively.

3. Internship

Students are required to successfully complete either a full-time, 12-month (1600 hours) clinical internship (**Psychology 6840 6.0**) or two half-time (800 hours) clinical internships taken over two years (**Psychology 6840A 3.0** and **Psychology 6840B 3.0**) are required. The clinical internship(s) involve(s) intensive and extensive clinical

training with opportunities to and responsibility for carrying out major professional functions. Normally this is done at the end of their program; all required coursework, the academic breadth comprehensive area paper, and an approved dissertation proposal must be completed before the student is eligible to apply for the internship. Indeed, students may do an internship after completion of the dissertation and its oral defence.

4. Academic Breadth Comprehensive Paper

Each PhD candidate is required to write an academic breadth comprehensive paper on a topic chosen in consultation with their supervisor. The academic breadth comprehensive paper is intended to foster breadth of psychological knowledge, and therefore must be in an area not directly related to the candidate's dissertation research. With permission, the topic may be chosen from a field outside psychology.

The academic breadth comprehensive must be completed and approved by the end of the summer term (September 15) of the third year of the PhD residency (PhD III). It is expected that the academic breadth comprehensive paper will be completed before work begins on the PhD dissertation.

5. Dissertation and Oral Examination

Each PhD candidate must conduct one or more research studies on a topic chosen in consultation with their supervisor and report the results in appropriate dissertation form. The research and dissertation should demonstrate the candidate's independence, originality, and understanding of the area of investigation and should constitute a contribution to knowledge. After the formal submission of the dissertation, an oral examination, normally centred on the dissertation and matters related to it, is held to determine whether or not the candidate has fulfilled their dissertation requirement.

❖ *Note:* The PhD program requires a minimum of two years (six terms of registration). All requirements for a PhD degree must be fulfilled within 18 terms (6 years) of registration as a full-time or part-time doctoral student. Terms that students register as Leave of Absence, Maternity Leave, Parental Leave or No Course Available are not included in these time limits.

Note: Additional Clinical-Developmental Area Requirements

Professionalism and Ethical Conduct

On an annual basis, students are formally evaluated by the area faculty members on their Professional and Ethical Conduct based on a compilation of course evaluations, practicum evaluations (if applicable), and an evaluation from their thesis supervisor.

Program-Sanctioned YUPC Hours

Students in the program will complete 30 hours during their PhD conducting supervised clinical activities in the York University Psychology Clinic.

DEVELOPMENTAL SCIENCE

MASTER OF ARTS PROGRAM

1. Courses

- One half-course chosen from one of the following: **Psychology 6020 3.0: Historical and Theoretical Foundations of Contemporary Psychology A** or **Psychology 6030 3.0: Historical and Theoretical Foundations of Contemporary Psychology B**;
- Six credits** in courses specializing in quantitative methods from the statistics courses offered in graduate psychology, chosen from a list of courses approved by the program;

- One half-course** selected from the Developmental Science course list that can be found under the Doctor of Philosophy program courses (1b) below; and,
- One half-course** or equivalent from those offered at the 6000 level by the Graduate Program in Psychology.

2. Practica

Each area of specialization assigns practica to its students. In the practicum the student's academic learning is applied and consolidated. The practicum is also the context in which the student's professional conduct and development are supported and evaluated. Grades are assigned to practica, and with full awareness that both academic learning and professional responsibility are uniquely related in the practicum experience.

Students in the Developmental Science area are required to complete a research practicum (**Psychology 6820A 6.0**).

3. Thesis and Oral Examination

Under the supervision of a committee (normally consisting of a supervisor and one other faculty member from the program), each candidate must conduct a research study on a topic chosen in consultation with their supervisor and report the results in appropriate thesis form. The research and thesis should demonstrate the candidate's independence, originality, and understanding of the area under investigation. After the formal submission of the thesis, an oral examination, normally centred on the thesis and matters related to it, is held.

❖ *Note:* The MA program requires a minimum of two years (six terms of registration). All requirements for the MA degree must be fulfilled within four years (12 terms). Students who have not finished at the end of two years (six terms) must register part-time and become ineligible for further course registration, practica, and financial support until all requirements for the degree are met.

DOCTOR OF PHILOSOPHY PROGRAM

1. Courses

- Six credits** in courses specializing in quantitative methods from the statistics courses offered in graduate psychology, chosen from a list of courses approved by the program;
- A minimum of **two half-courses** at the **6000 level** including at least **one half-course** from the Developmental Science course list below. Students are also required to attend the Developmental Science colloquium series.

2. Practica

Each area of specialization assigns practica to its students. In the practicum the student's academic learning is applied and consolidated. The practicum is also the context in which the student's professional conduct and development are supported and evaluated. Grades are assigned to practica, and with full awareness that both academic learning and professional responsibility are uniquely related in the practicum experience.

Candidates (PhD I & II) are normally required to complete at least two practica, at least one of which must be in developmental research. The two types of practica are the applied practicum (**Psychology 6810 6.0**) and the research practicum (**Psychology 6820 6.0**).

3. Academic Breadth Comprehensive Paper

Each PhD candidate is required to write an academic breadth comprehensive paper on a topic chosen in consultation with their

supervisor. The academic breadth comprehensive paper is intended to foster breadth of psychological knowledge, and therefore must be in an area not directly related to the candidate's dissertation research. With permission, the topic may be chosen from a field outside psychology. The dissertation supervisor may not serve on a student's academic breadth comprehensive paper committee.

The academic breadth comprehensive paper must be completed and approved by the end of the summer term (September 15) of the third year of the PhD residency (PhD III). It is expected that the academic breadth comprehensive paper will be completed before work begins on the PhD dissertation.

4. Dissertation and Oral Examination

Each PhD candidate must conduct one or more research studies on a topic chosen in consultation with their supervisor and report the results in appropriate dissertation form. The research and dissertation should demonstrate the candidate's independence, originality, and understanding of the area of investigation and should constitute a contribution to knowledge. After the formal submission of the dissertation, an oral examination, normally centred on the dissertation and matters related to it, is held to determine whether or not the candidate has fulfilled their dissertation requirement.

❖ *Note:* The PhD program requires a minimum of two years (six terms of registration). All requirements for a PhD degree must be fulfilled within 18 terms (6 years) of registration as a full-time or part-time doctoral student. Terms that students register as Leave of Absence, Maternity Leave, Parental Leave or No Course Available are not included in these time limits.

The **Developmental Science** course list:

Psychology 6215 3.0: Topics in Cognitive Neuroscience: Methods of Neural Imaging – PET & fMRI

Psychology 6216 3.0: Topics in Cognitive Neuroscience: Rational and Emotional Processing

Psychology 6320 3.0: Human Neuropsychology: History and Syndromes

Psychology 6390A 3.0: Evolutionary Psychology I

Psychology 6630 3.0: Developmental Intelligence, Psychometrics, and Learning Potential

Psychology 6635 3.0: Developing the Visual Brain

Psychology 6640A 3.0: Theories in Cognitive Development

Psychology 6640B 3.0: Topics in Cognitive Development

Psychology 6650A 3.0: Research Methodology in Developmental Psychology

Psychology 6660A 3.0: Developmental Psycholinguistics

Psychology 6665 3.0: Lifespan Cognitive Development and Change

Psychology 6670 3.0: The Psychology of Reading

Psychology 6680 3.0: Infancy

Psychology 6690 3.0: Comparative Developmental Psychology

Psychology 6720 3.0: Development of Affect, Consciousness and Social Cognition

Psychology 6770 3.0: Developmental Neuropsychology

HISTORICAL, THEORETICAL AND CRITICAL STUDIES OF PSYCHOLOGY

MASTER OF ARTS PROGRAM

1. Courses

a) **Psychology 6020 3.0: Historical and Theoretical Foundations of Contemporary Psychology A;**

b) **Psychology 6030 3.0: Historical and Theoretical Foundations of Contemporary Psychology B;**

c) **Psychology 6131 3.0: Univariate Analysis I: Analysis of Variance, and Psychology 6132 3.0: Univariate Analysis II: Regression;** and,

d) **One full course** or equivalent chosen from those offered at the 6000 level by the Graduate Program in Psychology or, with permission of the Area Coordinator and the Graduate Program Director, by another program relevant to the study of the historical, theoretical and critical studies of psychology.

2. Practica

Each area of specialization assigns practica to those candidates within its area. In the practicum the student's academic learning is applied and consolidated. The practicum is also a context in which the student's professional conduct and development are tested among future clients and colleagues. Grades are assigned to practica, and with full awareness that both academic learning and professional responsibility are uniquely related in the practicum experience.

Candidates are required to complete at least one applied practicum (**Psychology 6810 6.0**) or research practicum (**Psychology 6820 6.0**).

3. Thesis and Oral Examination

Under the supervision of a committee (normally consisting of a supervisor and one other faculty member from the program), each candidate must conduct a research study on a topic chosen in consultation with their supervisor and report the results in appropriate thesis form. The research and thesis should demonstrate the candidate's independence, originality, and understanding of the area under investigation. After the formal submission of the thesis, an oral examination, normally centred on the thesis and matters related to it, is held.

❖ *Note:* The MA program requires a minimum of two years (six terms of registration). All requirements for the MA degree must be fulfilled within four years (12 terms). Students who have not finished at the end of two years (six terms) must register part-time and become ineligible for further course registration, practica, and financial support until all requirements for the degree are met.

DOCTOR OF PHILOSOPHY PROGRAM

1. Courses

a) **Psychology 6020 3.0: Historical and Theoretical Foundations of Contemporary Psychology A.**

b) **Psychology 6030 3.0: Historical and Theoretical Foundations of Contemporary Psychology B.**

If the above courses in (a) and (b) have been taken to meet the MA requirements, another suitable **full course** (or full course equivalent) must be taken from the Graduate Program in Psychology or another relevant program in consultation with the supervisor and with permission of the Area Coordinator.

c) **One half-course** in psychological methods from the **Psychology 6150 3.0** series, **6180 3.0** or **6650 3.0**.

Courses on methodology or method from other relevant programs may be taken in consultation with the supervisor and with permission of the Area Coordinator.

d) **One full course** (or full course equivalent) in the advanced study of historical or theoretical subjects, chosen in consultation with the supervisor. Normally this entails registration in two sections of the **6060** series (**Advanced History of Psychology**). Advanced courses from other relevant programs may be taken in consultation with the supervisor and with permission of the Area Coordinator.

e) **Two other full 6000-level courses** (or full course equivalents) in psychology or other relevant programs, chosen in consultation with the supervisor.

Students may be able to meet part of their course requirements by taking independent study courses tailored to their individual needs.

2. Practica

Each area of specialization assigns practica to those candidates within its area. In the practicum the student's academic learning is applied and consolidated. The practicum is also a context in which the student's professional conduct and development are tested among future clients and colleagues. Grades are assigned to practica, and with full awareness that both academic learning and professional responsibility are uniquely related in the practicum experience.

Students are required to successfully complete at least two practica, either the applied practicum (**Psychology 6810 6.0**) or the research practicum (**Psychology 6820 6.0**). Students are encouraged to take one practicum outside the History, Theoretical and Critical Studies area.

3. Academic Breadth Comprehensive Paper

Each PhD candidate is required to write an academic breadth comprehensive paper on a topic chosen in consultation with their supervisor. The academic breadth comprehensive paper is intended to foster breadth of psychological knowledge, and therefore must be in an area not directly related to the candidate's dissertation research. With permission, the topic may be chosen from a field outside psychology.

The academic breadth comprehensive paper must be completed and approved by the end of the summer term (September 15) of the third year of the PhD residency (PhD III). It is expected that the academic breadth comprehensive paper will be completed before work begins on the PhD dissertation.

4. Dissertation and Oral Examination

Under the supervision of a committee (normally consisting of a supervisor and one other faculty member from the program), each candidate must conduct a research study on a topic chosen in consultation with their supervisor and report the results in appropriate thesis form. The research and thesis should demonstrate the candidate's independence, originality, and understanding of the area under investigation. After the formal submission of the thesis, an oral examination, normally centred on the thesis and matters related to it, is held.

❖ *Note:* The PhD program requires a minimum of two years (six terms of registration). All requirements for a PhD degree must be fulfilled within 18 terms (six years) of registration as a full-time or part-time doctoral student. Terms that students register as Leave of Absence, Maternity Leave, Parental Leave or No Course Available are not included in these time limits.

QUANTITATIVE METHODS MASTER OF ARTS PROGRAM

1. Courses

- Psychology 6131 3.0: Univariate Analysis I: Analysis of Variance, and Psychology 6132 3.0: Univariate Analysis II: Regression;**
- Six credits** in courses specializing in quantitative methods [which can be graduate courses, graduate independent study courses, or graduate courses from other graduate programs (enrolment in graduate courses from other graduate programs requires the approval of the Quantitative Methods Area Coordinator and the course instructor)]; and,
- Six credits** in any other graduate psychology courses.

2. Thesis

Completion of a thesis on a topic related to quantitative methods in psychology, consistent with the guidelines of the Graduate Program in Psychology and the Faculty of Graduate Studies at York University.

3. Research or Applied Practicum

Each student must complete a **six-credit** research or applied practicum (**Psychology 6810 6.0** or **Psychology 6820 6.0**) where the focus is on the development or application of advanced methods for the analysis of behavioural science data. Practica must be approved by the Area Coordinator.

DOCTOR OF PHILOSOPHY PROGRAM

1. Courses

- Psychology 6020 3.0: Historical and Theoretical Foundations of Contemporary Psychology A** or **Psychology 6030 3.0: Historical and Theoretical Foundations of Contemporary Psychology B;**
- 15 credits** in courses specializing in quantitative methods [which can be graduate courses, graduate independent study courses, or graduate courses from other graduate programs (enrolment in graduate courses from other graduate programs requires the approval of the Quantitative Methods Area Coordinator and the course instructor); and,
- Plus **three credits** in any other graduate psychology courses.

❖ *Note:* If **Psychology 6020 3.0** or **Psychology 6030 3.0** were taken at the MA level, this requirement can be met by taking **three elective credits** in any other graduate psychology courses.

2. Academic Breadth Comprehensive Paper

Each PhD candidate is required to write an academic breadth comprehensive paper on a topic chosen in consultation with their supervisor. The academic breadth comprehensive paper is intended to foster breadth of psychological knowledge, and therefore must be in an area not directly related to the candidate's dissertation research. With permission, the topic may be chosen from a field outside psychology.

The academic breadth comprehensive paper must be completed and approved by the end of the summer term (September 15) of the third year of the PhD residency (PhD III). It is expected that the academic breadth comprehensive paper will be completed before work begins on the PhD dissertation.

3. Dissertation

Under the supervision of a committee (normally consisting of a supervisor and one other faculty member from the program), each candidate must conduct a research study on a topic chosen in consultation with their supervisor and report the results in appropriate thesis form. The research and thesis should demonstrate the candidate's independence, originality, and understanding of the area under investigation. After the formal submission of the thesis, an oral examination, normally centred on the thesis and matters related to it, is held.

4. Research or Applied Practicum

Each student must complete two **six-credit** research or applied practica where the focus is on the development or application of advanced methods for the analysis of behavioural science data. Practica must be approved by the Area Coordinator.

Courses in Quantitative Methods:

- Psychology 6131 3.0: Univariate Analysis I: Analysis of Variance**
Psychology 6132 3.0: Univariate Analysis II: Regression
Psychology 6135 3.0: Psychology of Data Visualization
Psychology 6136 3.0: Categorical Data Analysis
Psychology 6137 3.0: Best Practices in Quantitative Research Methods
Psychology 6140 6.0: Multivariate Analysis
Psychology 6155 3.0: Statistical Consulting in Psychology
Psychology 6160 3.0: Hierarchical Linear Modeling
Psychology 6176 3.0: Structural Equation Modeling
Psychology 6180 3.0: Psychometric Methods
Psychology 6190 3.0: Longitudinal Data Analysis

SOCIAL AND PERSONALITY PSYCHOLOGY

MASTER OF ARTS PROGRAM

1. Courses

- Psychology 6131 3.0: Univariate Analysis I: Analysis of Variance**, and **Psychology 6132 3.0: Univariate Analysis II: Regression**;
- Psychology 6400 3.0: Contemporary Issues in Personality and Social Psychology**;
- One of **Psychology 6410 3.0: Social Psychology** or **Psychology 6510 3.0: Personality**; and,
- One half course** in research methods, chosen from a list of courses approved by the area (**Psychology 6150E 3.0: Research Methods in the Study of Personality** OR **Psychology 6150B 3.0: Social Methods**); and
- A minimum of **one half-course (three credits)** elective, chosen in consultation with the supervisor, from those offered at the 6000 level.

2. Practica

Each area of specialization assigns practica to its students. In the practicum the student's academic learning is applied and consolidated. The practicum is also a context in which the student's professional conduct and development are supported and evaluated. Grades are assigned to practica, and with full awareness that both academic learning and professional responsibility are uniquely related in the practicum experience.

Candidates are required to serve at least one practicum on campus, whether an applied (**Psychology 6810 6.0**) or a research (**Psychology 6820 6.0**) practicum.

3. Thesis and Oral Examination

Under the supervision of a committee (normally consisting of a supervisor and one other faculty member from the program), each candidate must conduct a research study on a topic chosen in consultation with their supervisor and report the results in appropriate thesis form. The research and thesis should demonstrate the candidate's independence, originality, and understanding of the area under investigation. After the formal submission of the thesis, an oral examination, normally centred on the thesis and matters related to it, is held.

❖ *Note:* The MA program requires a minimum of two years (six terms of registration). All requirements for the MA degree must be fulfilled within four years (12 terms). Students who have not finished at the end of two years (six terms) must register part-time and become ineligible for financial support and for course registration (including practica) beyond their degree requirements, until all requirements of the degree are met.

DOCTOR OF PHILOSOPHY PROGRAM

1. Courses

- Psychology 6020 3.0: Historical and Theoretical Foundations of Contemporary Psychology A** or **Psychology 6030 3.0: Historical and Theoretical Foundations of Contemporary Psychology B**;
 - Six credits** in courses specializing in quantitative methods from the statistics courses offered in graduate psychology, chosen from a list of courses approved by the program;
 - Psychology 6410 3.0: Social Psychology** or **Psychology 6510 3.0: Personality**, depending on which of these two courses has already been taken at the MA level;
 - One half-course** in research methods chosen from a list of courses approved by the area (**Psychology 6150E 3.0: Research Methods in the Study of Personality** OR **Psychology 6150B 3.0: Social Methods**); and,
 - One half-course** or equivalent chosen in consultation with their supervisor, from those offered at the 6000 level.
- The number of reading courses (Psychology 6710 3.0 or 6710 6.0) that a student may take for a credit in fulfilment of minimum requirements is limited to one full course equivalent.*

❖ *Note:* Each candidate should complete the statistics and research methods requirement by the end of the PhD I year.

2. Practica

Each area of specialization assigns practica to its students. In the practicum the student's academic learning is applied and consolidated. The practicum is also a context in which the student's professional conduct and development are supported and evaluated. Grades are assigned to practica, and with full awareness that both academic learning and professional responsibility are uniquely related in the practicum experience.

Candidates (PhD I & II) are normally required to serve at least two practica. The two types of practica are the applied practicum (**Psychology 6810 6.0**) and the research practicum (**Psychology 6820 6.0**).

3. Academic Breadth Comprehensive Paper

Each PhD candidate is required to write an academic breadth comprehensive paper on a topic chosen in consultation with their supervisor. The academic breadth comprehensive paper is intended to foster breadth of psychological knowledge, and therefore must be in an area not directly related to the candidate's dissertation research. With permission, the topic may be chosen from a field outside psychology.

The academic breadth comprehensive paper must be completed and approved by the end of the summer term (September 15) of the third year of the PhD residency (PhD III). It is expected that the academic breadth comprehensive paper will be completed before work begins on the PhD dissertation.

4. Dissertation and Oral Examination

Each PhD candidate must conduct one or more research studies on a topic chosen in consultation with their supervisor and report the results in appropriate dissertation form. The research and dissertation should demonstrate the candidate's independence, originality, and understanding of the area of investigation and should constitute a contribution to knowledge. After the formal submission of the dissertation, an oral examination, normally centred on the dissertation and matters related to it, is held to determine whether or not the candidate has fulfilled their dissertation requirement.

❖ *Note:* The PhD program requires a minimum of two years (six terms of registration). All requirements for a PhD degree must be fulfilled within 18 terms (6 years) of registration as a full-time or part-time doctoral student. Terms that students register as Leave of Absence, Maternity Leave, Parental Leave or No Course Available are not included in these time limits.

OTHER REGULATIONS

- a) For those students who wish to convocate at either the Spring or Fall convocation, dissertations must be approved by the supervisory committee no later than April 1 and September 1 respectively.
 - b) In no case may a course which was taken as a requirement at the MA level be offered to satisfy a PhD requirement.
 - c) The Psychology program is organized on a 12-month basis. Students are normally expected to be engaged on a full-time basis in research and study during the summer term.
 - d) Students are required to conform to the guidelines dealing with psychological practice as outlined in the Ontario Regulated Health Professions Act (1991), the Canadian and Ontario Psychological Associations' code of ethics and York University's code regulating the use of human subjects. Students are also required to conform to the statutes of the Ontario Animals for Research Act and the procedures established by the York University Animal Care Committee in the conduct of animal research.
- Any graduate student in the Graduate Program in Psychology who wishes to engage in any psychological research activities involving human or animal subjects utilizing the name or the facilities of York University must follow York University's and the Graduate Program in Psychology's ethical guidelines regarding research.
- e) Those intending to practice as applied psychologists should be aware that attainment of the PhD degree does not entitle one to practice. In Ontario it is necessary to pass the examinations of the College of Psychologists in Ontario and to be granted registration by that College.

PUBLIC & INTERNATIONAL AFFAIRS

The Master's in Public & International Affairs is a central activity of the Glendon School of Public and International Affairs. The purpose of the program is to prepare students to assume leadership roles in public institutions, whether they be governmental or non-governmental organizations, at the provincial, federal, or international level, or to develop and apply expertise about public institutions, as with careers in journalism or business-government relations. This is achieved through a combination of course work and an internship. Students also have the option of completing a major research paper.

The curriculum includes standard courses in policy analysis, public management and research methods. Students are introduced to such matters as governance models, policy formulation and implementation as well as more practical aspects such as briefing notes and memoranda to Cabinet.

At the same time, the curriculum develops students' capacities along four dimensions:

1. Public Affairs. Students develop an understanding of how the processes of policy making and public management are shaped by structures and forces beyond the public sector. They examine how public decision making is led and constrained by economic processes and actors. Students also look at the relationship between state structures and civil society, exploring the emergence of new forms of governance that transcend state and civil society.

2. Bilingualism. Key to the program is graduating fully bilingual leaders. There is a strong presence of both Anglophones and Francophones among the student body. Students pursue their studies in English and French. All professors and personnel are also bilingual. Guest lectures, colloquia and seminars are conducted in both official languages. Student exchanges to partner universities further strengthen the bilingualism of students. This focus on bilingualism responds to demand from federal and provincial governments for fully bilingual leaders and public service employees.

3. Interdisciplinarity. The program draws upon several disciplines and areas including Canadian studies, economics, history, international studies, law, philosophy, political science, sociology and women's studies. Only an interdisciplinary approach can capture the wealth of interrelationships at play within this understanding of public affairs.

4. International context. The curriculum places Canadian public institutions in their international context. For instance, students explore how public decision-making is structured by international economic and social forces. They analyze how the Canadian state functions within an international system of state structures and international organizations through which public goods and issues increasingly are conceived on a global basis. It is critical that future public leaders comprehend these international processes of change, and can develop the appropriate strategies.

La maîtrise en affaires publiques et internationales occupe une position-clé au sein de l'École d'affaires publiques et internationales de Glendon. Le programme a pour but de préparer les étudiants à assumer un rôle de leadership au sein d'organismes gouvernementaux et non gouvernementaux au niveau provincial, fédéral ou

international, ou bien de leur transmettre une expertise en lien avec les organisations publiques qu'ils pourront ensuite appliquer dans leur carrière de choix que ce soit dans le journalisme, dans un poste lié aux rapports entre les secteurs publics et privés, ou toute autre activité professionnelle. Les travaux de cours et le stage sont censés aider l'étudiant à atteindre ces objectifs. Ils ont aussi l'option d'écrire un mémoire de recherche.

Le programme comprend des cours d'analyse des politiques, de gestion publique et de méthodes de recherche. De plus, les étudiants sont initiés à des sujets tels que les modèles de gouvernance, l'imputabilité, la formulation et la mise en oeuvre des politiques, de même que des aspects plus pratiques tels que les notes de breffage et les mémoires au Cabinet.

Le programme s'appuie sur quatre dimensions fondamentales propres à la vie publique:

1. Les affaires publiques. Les étudiants développent une connaissance de la façon dont le processus d'élaboration des politiques et de gestion publique est influencé par des structures et des forces qui dépassent le secteur public. Ils étudient l'impact des systèmes et des acteurs économiques sur les prises de décision dans le secteur public. Ils explorent aussi l'émergence de nouvelles formes de gouvernance qui transcendent l'État et la société civile.

2. Le bilinguisme. L'un des objectifs primordiaux de notre programme est de former des leaders parfaitement bilingues. Ceci explique la forte présence d'anglophones et de francophones parmi nos étudiants. Tous les professeurs et les membres du personnel sont bilingues, et les étudiants étudient en anglais et en français. Les conférences, les colloques et les séminaires se donnent dans une des deux langues officielles. Les échanges avec l'une de nos universités partenaires permettent aux étudiants de perfectionner leur connaissance de l'autre langue. Cet accent que nous mettons sur le bilinguisme est en réponse aux gouvernements fédéral et provinciaux qui exigent des leaders et des fonctionnaires parfaitement bilingues.

3. Une approche interdisciplinaire. Notre programme fait appel à plusieurs disciplines et domaines d'études, notamment les études canadiennes, la science économique, l'histoire, les études internationales, le droit, la philosophie, la science politique et les études des femmes. Nous sommes persuadés que ce n'est qu'à travers une approche interdisciplinaire que l'on peut véritablement saisir toute la complexité des rapports qui façonnent le domaine des affaires publiques.

4. Un contexte international. Notre programme situe les institutions publiques canadiennes dans leur contexte international. Les étudiants examinent comment le processus décisionnel dans le secteur public est structuré par des forces économiques et sociales internationales. Ils analysent le fonctionnement de l'État canadien au sein d'un système mondial constitué de structures étatiques et d'organisations internationales où de plus en plus les biens et les questions publiques sont examinés dans une perspective mondiale. Il incombe aux futurs leaders de la vie publique de comprendre ces processus de changement internationaux et d'élaborer des stratégies en conséquence.

MASTER'S PROGRAM/PROGRAMME DE MAÎTRISE

ADMISSION REQUIREMENTS

Candidates must have completed an honours undergraduate degree program or equivalent (typically a four-year program with full-time enrolment) from an accredited post-secondary institution with a minimum grade point average of B+ in the final two years of study is required. Experience in public sector employment is desirable but not required.

Applicants are required to be proficient in at least one of Canada's official languages with at least a working knowledge of the other language.

Admission decisions are based on academic performance and linguistic capability, three reference letters, and the applicant's statement of research interests.

CONDITIONS D'ADMISSION

Les candidats devront :

- ❖ avoir terminé un programme de baccalauréat spécialisé ou l'équivalent (généralement un programme de quatre ans à temps plein) dans un établissement postsecondaire accrédité, et avoir obtenu une moyenne pondérée minimale de « B+ » au cours des deux dernières années d'études. Une expérience de travail dans le secteur public est souhaitée, mais pas requise.
- ❖ maîtriser au moins une des langues officielles du Canada et avoir une connaissance pratique de la deuxième langue officielle.

L'admission dépend des éléments suivants : le rendement universitaire, les capacités linguistiques, trois lettres de références et la lettre d'intention.

PROFICIENCY OF ENGLISH OR FRENCH/ MAÎTRISE DU FRANÇAIS OU DE L'ANGLAIS

A. Proof of English language proficiency is demonstrated by:

1. the first language being English; OR
2. completion of at least two years of full-time study at an accredited university in a country (or institution) where English is the official language of instruction, OR
3. a minimum Test of English as a Foreign Language score of 600 (paper based) or 250 (computer based) or York English Language Test score of Band 1 or equivalent.

B. Proof of French language proficiency is demonstrated by:

1. the first language being French; OR
2. completion of at least two years of full-time study at an accredited university in a country (or institution) where French is the official language of instruction. OR
3. a minimum Test de Français International score of 455 in each of the Listening and Reading sections.

A. Un des critères suivants établit la preuve de la maîtrise de l'anglais:

1. la langue maternelle est l'anglais; OU
2. un minimum de deux années d'études à plein temps dans une université accréditée dans un pays (ou un établissement) où l'anglais est la langue officielle d'enseignement; OU
3. un score minimal de 600 (sur papier) ou de 250 (sur ordinateur) au test Test of English as a Foreign Language avec classement dans la catégorie 1 ou l'équivalent au test York English Language Test.

B. Un des critères suivants établit la preuve de la maîtrise du français:

1. la langue maternelle est le français; OU
2. un minimum de deux années d'études à plein temps dans une université accréditée dans un pays (ou un établissement) où le français est la langue officielle d'enseignement; OU
3. un score minimal de 455 dans les sections Écoute et Lecture du Test de Français International.

WORKING KNOWLEDGE OF THE SECOND OFFICIAL LANGUAGE/CONNAISSANCE PRATIQUE DE LA SECONDE LANGUE OFFICIELLE

A. Proof of working knowledge of English is demonstrated by:

1. completion of a minimum of one full-year university disciplinary course(s) with a minimum grade of B+, undertaken in the English language in the last three years of study; OR
2. completion of a minimum of one full-year advanced English as a second language university course with a minimum grade of B+, in the last three years of study. Students are required to submit a sample of their written work and the course(s) syllabus(bi). A (telephone) interview may also be requested; OR
3. a minimum Test of English as a Foreign Language score of 550 (paper based) or 213 (computer based) or York English Language Test score of Band /6 or equivalent.

B. Proof of working knowledge of French is demonstrated by:

1. completion of a minimum of one full-year university disciplinary course with a minimum grade of B+, undertaken in the French language in the last three years of study; OR
2. completion of a minimum of one full-year advanced university French as a second language course with a minimum grade of B+, in the last three years of study. Students are required to submit a sample of their written work and the course(s) syllabus(bi). A (telephone) interview may also be requested; OR
3. a minimum Test de Français International score of 305 in each of the Listening and Reading sections.

A. Un des critères suivants satisfait l'exigence de la connaissance pratique de l'anglais:

1. un minimum d'un cours-année en anglais dans une discipline quelconque au niveau universitaire avec une note minimale de B+. Le ou les cours doivent avoir été complétés au cours des trois années précédentes ; OU
2. un minimum d'un cours-année avancé de langue seconde en anglais au niveau universitaire avec une note minimale de B+. Le ou les cours doivent avoir été complétés au cours des trois années précédentes. Un exemplaire des travaux écrits, de même que les syllabus du ou des cours, est exigé. Une entrevue (téléphonique) peut être aussi requise ; OU
3. un score minimal de 550 (sur papier) ou de 213 (sur ordinateur) au test Test of English as a Foreign Language avec classement dans la catégorie 6 ou l'équivalent au test York English Language Test.

B. Un des critères suivants satisfait l'exigence de la connaissance pratique du français:

1. un minimum d'un cours-année universitaire en français dans une discipline quelconque au niveau universitaire avec une note minimale de B+. Le ou les cours doivent avoir été complétés au cours des trois années précédentes ; OU
2. un minimum d'un cours-année avancé de français langue seconde au niveau universitaire avec une note minimale de B+. Le ou les cours doivent avoir été complétés au cours des trois années précédentes. Un exemplaire des travaux écrits, de même que les

syllabus du ou des cours, est exigé. Une entrevue (téléphonique) peut aussi être requise ; OU

3. un score minimal de 305 dans les sections Écoute et Lecture du Test de Français International.

ADVANCED STANDING/ÉQUIVALENCE DE COURS

Students who have completed advanced level courses (*i.e.*, only graduate level) offered by accredited universities or colleges or other accredited professional development courses which overlap significantly with courses in the Graduate Program in Public & International Affairs, may be able to apply for advanced standing. General procedures for awarding advanced standing are determined by the Graduate Program Director in consultation with the Faculty of Graduate Studies.

Les étudiants ayant complété des cours de deuxième cycle offert par des universités accrédités ou des cours de développement professionnel accrédités dont le contenu reprend de manière significative les cours de maîtrise en affaires publiques et internationales, peuvent faire une demande d'équivalence de cours. La procédure générale d'attribution des équivalences de cours est déterminée par le directeur de l'École d'affaires publiques en consultation avec la Faculté d'études supérieures.

DEGREE REQUIREMENTS/EXIGENCES RELATIVES À L'OBTENTION DU DIPLÔME Master's in Public & International Affairs Degree by Coursework/Maîtrise en affaires publiques et internationales : Diplôme Cours

Students must successfully complete five terms of full-time study comprised of a total of **45 credits** in coursework as follows:

Public & International Affairs 6200 1.5: Colloquium: Canada and its Place in the World. *Students are required to participate in the colloquium in their first two terms for a total of 3.0 credits.*

Public & International Affairs 6000 3.0: Public Management

Public & International Affairs 6001 3.0: The Policy Process

Public & International Affairs 6002 3.0: Economics and Public Policy

Public & International Affairs 6003 3.0: Research Methods

Public & International Affairs 6100 3.0: Capstone Seminar

Public & International Affairs 6400 6.0: Internship. *Students unsuccessful in obtaining an internship must take 6 additional elective credits.*

Students are expected to complete an internship (with a federal or provincial government, non-governmental organization or international organization), normally during the summer between Year I and Year II. Students must apply for an internship and must enrol in **Public & International Affairs 6400 6.0**.

+21 credits in elective courses.

Normally, students in the program complete the equivalent of seven 3.0 courses in their first year of study and the equivalent of six 3.0 courses in their second year of study.

Students are required to take at least one-third of course credits in their second language, English or French. In a given year, approximately half the courses are offered in English and half in French.

Les étudiants doivent avoir complété cinq trimestres d'études à temps plein pour un total de **45 crédits** de cours comme suit :

Public & International Affairs 6200 1.5: Colloquium: Le Canada et sa place dans le monde. *Les étudiants doivent participer au colloque lors de leurs deux premiers semestres, pour un total de 3,0 crédits.*

Public & International Affairs 6000 3.0: La gestion publique

Public & International Affairs 6001 3.0: Le processus

d'élaboration de politiques

Public & International Affairs 6002 3.0: Économie et politique publique

Public & International Affairs 6003 3.0: Méthodes de recherche

Public & International Affairs 6100 3.0: Capstone Seminar

Public & International Affairs 6400 6.0: Stage. Les étudiants ont l'occasion de faire un stage (dans la fonction publique fédérale et provinciale ou dans une organisation non gouvernementale ou internationale) normalement pendant l'été entre la première année et la seconde année d'études. Pour ce faire, ils doivent s'inscrire à **Public & International Affairs 6400 6.0**. S'ils n'obtiennent pas de stage ou s'ils ne le complètent pas, ils doivent suivre des cours facultatifs supplémentaires pour obtenir un total de **six crédits**.

+21 crédits de cours facultatifs

Normalement, les étudiants du programme doivent compléter l'équivalent de sept demi-cours (**21 crédits**) dans leur première année d'études et l'équivalent de six demi-cours (**18 crédits**) dans leur seconde année d'études.

Les étudiants doivent prendre au moins un tiers de leurs cours crédités dans la langue seconde.

Chaque année, environ une moitié des cours sont offerts en anglais et l'autre moitié en français.

Master's in Public & International Affairs Degree by Major Research Paper/Maîtrise en affaires publiques et internationales : Diplôme Mémoire de recherche

Students must successfully complete five terms of full-time study comprised of a total of **36 credits** in course work plus a major research paper as follows:

Public & International Affairs 6200 1.5: Colloquium: Canada and its Place in the World. *Students are required to participate in the colloquium in their first two terms for a total of 3.0 credits.*

Public & International Affairs 6000 3.0: Public Management

Public & International Affairs 6001 3.0: The Policy Process

Public & International Affairs 6002 3.0: Economics and Public Policy

Public & International Affairs 6003 3.0: Research Methods

Public & International Affairs 6400 6.0: Internship. *Students unsuccessful in obtaining an internship must take six additional elective credits.*

Students are expected to complete an internship (with a federal or provincial government, non-governmental organization or international organization), normally during the summer between Year I and Year II. Students must apply for an internship. If they are successful in obtaining one, they must enrol in **Public & International Affairs 6400 6.0**. Students unsuccessful in obtaining an internship must take six additional elective credits.

+15 credits in elective courses

Normally, students in the program complete the equivalent of seven 3.0 courses in their first year of study and the equivalent of three 3.0 courses in their second year of study.

Students are required to take at least one-third of course credits in their second language, English or French. In a given year, approximately half the courses are offered in English and half in French.

Major Research Paper

Candidates are required to write a major research paper on an approved topic in the area of public and international affairs. The paper should be approximately 70 pages in length, and should situate the topic within the broader literature as well as the relevant theory, to explain the methodology and critique the sources used. It must be completed by the end of the fifth term of study.

Students interested in pursuing the master's by major research paper must first obtain permission from the Graduate Program Director. The faculty member who agrees to supervise the major research paper must also approve the topic to be studied. The major research paper is graded by the supervisor and a second reader, chosen in consultation with the student and approved by the Graduate Program Director.

Les étudiants complètent cinq trimestres d'études à temps plein pour un total de **36 crédits** avant d'écrire leur mémoire de recherche.

Public & International Affairs 6200 1.5: Colloque: Le Canada et sa place dans le monde. *Les étudiants doivent participer au colloque lors de leurs deux premiers semestres, pour un total de 3,0 crédits.*

Public & International Affairs 6000 3.0: La gestion publique
Public & International Affairs 6001 3.0: Le processus d'élaboration de politiques

Public & International Affairs 6002 3.0: Économie et politique publique

Public & International Affairs 6003 3.0: Méthodes de recherche

Public & International Affairs 6400 6.0: Stage. Les étudiants n'ayant pas complété ce stage doivent prendre des cours facultatifs supplémentaires pour obtenir **six crédits**.

Les étudiants auront l'occasion de faire un stage (au gouvernement fédéral ou provincial, ou dans une organisation non gouvernementale ou internationale) normalement pendant l'été entre la première année et la deuxième année d'études. S'ils réussissent à trouver un stage, ils doivent s'inscrire à **Public & International Affairs 6400 6.0**. Ceux qui ne complètent pas ce stage devront suivre des cours facultatifs supplémentaires pour obtenir **six crédits**.

+15 crédits de cours facultatifs

Normalement, les étudiants du programme doivent compléter un équivalent de sept demi-cours (**3 crédits** pour chaque demi-cours) dans leur première année d'études et un équivalent de six demi-cours (**3 crédits** pour chaque demi-cours) dans la deuxième année d'études.

Les étudiants doivent prendre au moins un tiers de leur cours crédités dans la langue officielle seconde. Environ la moitié des cours sont offerts en anglais et moitié en français à l'année.

Mémoire de recherche

Les candidats sont tenus de rédiger un mémoire de recherche sur un sujet relevant des affaires publiques et internationales. Ce travail, d'une longueur de 70 pages, doit chercher à situer le thème choisi dans le contexte de la littérature générale et des théories pertinentes, à expliquer la méthodologie et critiquer les sources utilisées. Il doit être soumis à la mi-avril de la cinquième session d'études.

Les étudiants souhaitant poursuivre la maîtrise avec mémoire de recherche doivent d'abord obtenir l'autorisation du directeur du programme d'études supérieures. Le membre du corps professoral qui accepte de superviser le mémoire de recherche doit également approuver le sujet à étudier. Le mémoire de recherche est évalué par le superviseur et un second lecteur, choisi en consultation avec l'étudiant et approuvé par le directeur du programme d'études supérieures.

DUAL DEGREE PROGRAM MASTER OF PUBLIC & INTERNATIONAL AFFAIRS and MASTER EN ADMINISTRATIONS PUBLIQUE DE L'INSTITUT D'ÉTUDES POLITIQUES DE L'UNIVERSITÉ DE STRASBOURG OR DUAL DEGREE PROGRAM MASTER OF PUBLIC AND INTERNATIONAL AFFAIRS, YORK UNIVERSITY and MASTER EN AFFAIRES EUROPÉENNES ET INTERNATIONALES, UNIVERSITÉ DE STRASBOURG

York University and the Université de Strasbourg offer a Dual Degree program involving York's bilingual Master's Degree in Public & International Affairs and the Master en Administration Publique de l'Institut d'Études Politiques de l'Université de Strasbourg OR the Master's Degree in Public & International Affairs and the Master en affaires européennes et internationales.

A small and select number of students from each institution complete their first year of academic studies in the Master's in Public & International Affairs at Glendon College.

The second year of their academic studies is then completed in the Master en Administration publique at the Institut d'Études Politiques of the Université de Strasbourg or the Master en affaires européennes et internationales at the Institut d'Études Politiques of the Université de Strasbourg.

Students are eligible to take courses in the following specialisations: Politiques européennes et affaires publiques, Sécurité extérieure et intérieure de l'Union européenne, Histoire des relations internationales et processus d'intégration régionale, and Administrations locales et régionales en Europe.

Following the successful completion of these two years of study, the first in Toronto, Canada, and the second in Strasbourg, France, students receive two graduate degrees, one from each institution.

The Dual Degree program with the Université de Strasbourg offers the opportunity to combine the domestic and international aspects of public affairs not only in theory but also in practice. Students take courses at two leading universities and learning from studying with faculty members with a wide range of expertise on both sides of the Atlantic. Anglophone students consolidate their knowledge of the second official language by being immersed in a native francophone environment. Strasbourg, the seat of the European Parliament and Council of Europe, also offers many intellectually stimulating opportunities for Dual Degree candidates.

ADMISSION REQUIREMENTS

York University candidates for the dual degree program must have completed an honours undergraduate degree program or equivalent (typically a four-year full-time program) from a recognized postsecondary institution with a minimum grade point average of B+ in the final two years of full-time equivalent study. Experience in public sector employment is desirable but not required.

Applicants are required to be proficient in at least one official language (English or French) with at least a working knowledge of the other official language. In order to function in a French-speaking environment and university, “working knowledge” is defined for admission to the dual degree program as university-level command of spoken and written English and French.

Admission decisions are based on academic performance and linguistic capability, three reference letters and the applicant’s statement of research interests. Only superior candidates are selected for the dual degree program.

DEGREE REQUIREMENTS

York University students in the dual degree program must successfully complete five terms of full-time study comprised of the following requirements:

Year I

Year I dual degree program consists of **21 credits** in course work completed at York University, plus an internship, as follows:

Coursework

Students must successfully complete the following courses:

Public & International Affairs 6200 1.5: Colloquium: Canada and its Place in the World (*Students are required to participate in the colloquium in their first two terms for a total of 3.0 credits.*)

Public & International Affairs 6000 3.0: Public Management;

Public & International Affairs 6001 3.0: The Policy Process;

Public & International Affairs 6002 3.0: Economics and Public Policy;

Public & International Affairs 6003 3.0: Research Methods;

+6 credits in elective courses.

Internship

York University students in the dual degree program are required to complete an internship (with a federal or provincial government, non-governmental organization or international organization), normally during the summer between Year I and Year II. Students must apply for an internship. If they are successful in obtaining one, they must enrol in **Public & International Affairs 6400 6.0, Internship**. Students unsuccessful in obtaining an internship must take six additional elective credits. (Strasbourg students in the dual degree program are required to complete an internship in Year II.)

Year II

York University students in Year II of the dual degree program are required to complete **18 credits** in course work at the Université de Strasbourg. The Year II curriculum consists of a choice of courses with a more specialized focus. The **18 credits** are selected in consultation with the Graduate Program Director of Public & International Affairs.

Strasbourg students in Year II of the dual degree program must enrol in courses in the Public Administration section of the Institut d’Études Politiques of Strasbourg (instead of the 6th and 7th course

components – or normal Year II requirements – of the ALORE stream, since this is material that will be covered in Year I of the dual degree program at York). The course selection by Strasbourg students in the dual degree program are reviewed and approved by both institutions to establish equivalencies and to ensure that the academic objectives and expected learning outcomes of the dual degree program are supported and achieved.

Strasbourg students must complete an **internship** in Year II of the dual degree program.

Note: Strasbourg students who do not successfully complete Year I of the dual degree program at York University may petition for reinstatement and to repeat courses as required, or they may pursue their studies at the Institut d’Études Politiques of Strasbourg program, in which case they will not be eligible for the York degree. York University students who do not successfully complete their Year II of the dual degree program may petition for reinstatement and to repeat courses at the Institut d’Études Politiques Strasbourg toward the dual degree program, or to pursue their studies in the Graduate Program in Public & International Affairs at York University, in which case they will not be eligible for the Strasbourg degree.

PROGRAMME DE DOUBLE DIPLÔME MAÎTRISE EN AFFAIRES PUBLIQUES ET INTERNATIONALES et le MASTER EN ADMINISTRATIONS PUBLIQUE DE L’INSTITUT D’ÉTUDES POLITIQUES de L’UNIVERSITÉ DE STRASBOURG OU MAÎTRISE EN AFFAIRES PUBLIQUES ET INTERNATIONALES et le MASTER EN AFFAIRES EUROPÉENES ET INTERNATIONALES de L’UNIVERSITÉ DE STRASBOURG

L’Université York et l’Université de Strasbourg ont un programme conjoint de double diplôme, offert aux étudiants de la maîtrise bilingue en affaires publiques et internationales du Collège Glendon et à ceux du master en administration publique de l’Institut d’études politiques de l’Université de Strasbourg ou la maîtrise bilingue en affaires publiques et internationales du Collège Glendon et à ceux du master en affaires européennes et internationales de l’Institut d’études politiques de l’Université de Strasbourg.

La deuxième année d’études se déroule à l’Institut d’études politiques de l’Université de Strasbourg, où les étudiants des deux universités suivront les cours du master en administration publique ou le master en affaires européennes et internationales. Quatre parcours distincts leur sont disponibles : Politiques européennes et affaires publiques, Sécurité extérieure et intérieure de l’Union européenne, Histoire des relations internationales et processus d’intégration régionale et Administrations locales et régionales en Europe.

Après avoir réussi ces deux années d’études, la première à Toronto et la deuxième à Strasbourg, les étudiants recevront deux diplômes d’études de deuxième cycle, un de chacun des établissements.

Le programme de double diplôme avec l’Université de Strasbourg offre la possibilité de combiner les aspects nationaux et

internationaux des affaires publiques dans un cadre à la fois théorique et pratique. On pourra suivre les cours de deux universités de pointe et recevoir l'enseignement de professeurs dont les domaines de spécialisation sont nombreux et variés. Les étudiants anglophones pourront consolider leur maîtrise de leur deuxième langue officielle grâce à l'immersion dans un milieu où le français est la première langue. Strasbourg, siège du Parlement européen et du Conseil de l'Europe, regorge d'occasions stimulantes sur le plan intellectuel pour les candidats au double diplôme.

CONDITIONS D'ADMISSION

Les candidats au double diplôme de l'Université York doivent avoir terminé un programme de baccalauréat spécialisé ou l'équivalent (généralement un programme de quatre ans à temps plein) dans un établissement postsecondaire accrédité, et avoir obtenu une moyenne pondérée minimale de « B+ » au cours des deux dernières années d'études. Une expérience de travail dans le secteur public est souhaitable, mais pas requise.

En plus de la maîtrise d'une des deux langues officielles, les candidats doivent avoir une connaissance pratique de la deuxième langue. Pour être admis au programme de double diplôme et afin de pouvoir fonctionner dans un environnement et une université francophones, l'expression « connaissance pratique » signifie une connaissance écrite et parlée des deux langues au niveau universitaire.

L'admission est basée sur le rendement universitaire, les capacités linguistiques, trois lettres de références et la lettre d'intention. Seuls les meilleurs candidats seront sélectionnés pour le programme de double diplôme.

EXIGENCES RELATIVES À L'OBTENTION DU DIPLÔME

Les étudiants au double diplôme de l'Université York doivent avoir complété cinq trimestres d'études à temps plein comme suit:

1^{ère} année

La première année du programme de double diplôme comporte **21 crédits** suivis à l'Université York, ainsi qu'un stage, comme suit:

Cours

Les étudiants doivent réussir les cours suivants:

Public & International Affairs 6200 1.5: Colloque: Le Canada et sa place dans le monde. *Les étudiants doivent participer au colloque lors de leurs deux premiers termes, pour un total de 3,0 crédits.*

Public & International Affairs 6000 3.0: La gestion publique
Public & International Affairs 6001 3.0: Le processus d'élaboration de politiques

Public & International Affairs 6002 3.0: Économie et politique publique

Public & International Affairs 6003 3.0: Méthodes de recherche

+6 crédits de cours facultatifs

Stages

Les étudiants de l'Université York du programme de double diplôme doivent faire un stage (au gouvernement fédéral ou provincial, ou dans une organisation non gouvernementale ou internationale) normalement pendant l'été entre la première année et la seconde année d'études. Pour obtenir un stage, les étudiants doivent présenter une demande formelle. S'ils en en décrochent, ils doivent s'inscrire

au cours **Public & International Affairs 6400 6.0. Internship**. Ceux qui n'obtiennent pas de stage ou ne le complètent pas doivent suivre des cours additionnels afin d'obtenir **six crédits**. (Les étudiants de Strasbourg du programme de double diplôme doivent compléter un stage dans la 2^{ème} année).

2^{ème} année

Les étudiants de l'Université York en deuxième année du programme de double diplôme doivent compléter **18 crédits** à l'Université de Strasbourg. Le programme de deuxième année comporte un choix de plus cours spécialisés offerts par l'Institut d'études politiques de Strasbourg. Les **18 crédits** sont choisis en consultation avec le directeur du programme d'études supérieures en affaires publiques et internationales.

Les étudiants de Strasbourg en deuxième année du programme de double diplôme doivent s'inscrire à des cours dans la section de l'administration publique de l'Institut d'études politiques de Strasbourg (au lieu des composants de 6^e et 7^e cours - ou les exigences normales de la deuxième année de ALORE, ce matériel sera couvert dans la première année du programme de double diplôme à l'Université York). Le choix de cours par les étudiants de Strasbourg dans le programme de double diplôme sont examinés et approuvés par les deux institutions afin d'établir les équivalences et de s'assurer que les objectifs académiques du programme de double diplôme soient atteints et réalisés.

Les étudiants de Strasbourg doivent compléter un stage dans la deuxième année du programme de double diplôme.

Remarque: Les étudiants de Strasbourg qui ne réussissent pas la première année du programme de double diplôme à l'Université York peuvent demander de réintégrer et de reprendre des cours selon les besoins, ou ils peuvent poursuivre leurs études à l'Institut d'études politiques de Strasbourg. Dans ce dernier cas, ils ne pourront pas obtenir de diplôme de l'Université York. Les étudiants de l'Université York qui ne réussissent pas leur deuxième année du programme de double diplôme peuvent demander de réintégrer et de reprendre des cours à l'Institut d'études politiques de Strasbourg dans le but d'obtenir le double diplôme, ou de poursuivre leurs études dans le programme d'études supérieures en affaires publiques et internationales à l'Université York. Dans ce dernier cas, ils ne pourront pas obtenir le diplôme de Strasbourg.

PUBLIC POLICY, ADMINISTRATION & LAW

York's executive-style Master of Public Policy, Administration & Law is an interdisciplinary graduate program designed to provide students with the skills needed for effective public administration and public policy analysis, with an emphasis on the themes of constitutional and administrative law and social justice.

While including all the elements of the standard curriculum followed by other Canadian MPA programs, this graduate program includes leading-edge subjects such as change management, human resources management, the impact of multiculturalism on policy development and implementation, as well as innovative approaches to labour relations and conflict resolution, e-government and the impact of globalization.

Students are provided with a combination of legal, policy analysis and public management skills all rooted in a social justice perspective, and applicable to any area of the public sector, including government, emergency, police and military services.

The Graduate Program in Public Policy, Administration & Law is offered as a two-year, part-time or a one-year full-time program. Courses are held during evenings or in intensive monthly weekend sessions over two terms. Course materials may be accessed by students up to three months in advance, so that readings can be spread over a longer period of time.

MASTER OF PUBLIC POLICY, ADMINISTRATION & LAW PROGRAM ADMISSION REQUIREMENTS

Candidates must:

- ❖ have completed an Honours Bachelors degree or its equivalent from a recognized University with a minimum grade point average of B+ in the final two years and a minimum of five years work experience in a relevant public sector management, administrative, or supervisory position.; **OR**,
- ❖ have completed an honours bachelors degree or its equivalent from a recognized University with a minimum grade point average of A in the final two years. Under this category, students may have completed less than five years work experience in a relevant public sector management, administrative, or supervisory position. Preference will be given to students who have completed an honours bachelors degree in public administration or political science with an emphasis on public administration.

Candidates also must:

- ❖ submit a *curriculum vitae* or résumé, statement of areas of interest, and a letter outlining their experience and background; and,
- ❖ for students whose first language is not English, have a minimum Test of English as a Foreign Language score of 600 (paper-based) or 250 (computer-based); or York English Language Test score 1.

At the discretion of the selection committee, in exceptional circumstances, students who have completed a three-year bachelors degree with a minimum grade point average of B+ and have significant work experience in terms of time frame and/or quality of experience (specifically more than five years work experience in a relevant public sector management, administrative, or supervisory position) may be recommended for admission to the Faculty of Graduate Studies.

Although it is not a prerequisite, students are advised that they may find it helpful to have completed a university level two-term introductory course covering both microeconomics and macroeconomics (**Economics 1000 3.0/1010 3.0** or equivalent) prior to enrolling in the program.

ADVANCED STANDING

Students who have completed advanced level courses (*i.e.*, only graduate level) offered by accredited universities or colleges or other accredited professional development courses which overlap significantly with courses in the Graduate Program in Public Policy, Administration & Law, may be able to apply for advanced standing. General procedures for awarding advanced standing are determined by the Graduate Program Director in consultation with the Faculty of Graduate Studies. Students may be awarded no more than **6 credits** of advanced standing.

DEGREE REQUIREMENTS

The program is offered on a part-time or full-time basis, with a recommended time of two years part-time or one year full-time for completion of the program.

Program courses cover the essential curriculum that forms the core of any public policy and administration program, but they also include substantial original content focused on a more comprehensive consideration of social justice issues, public law, administrative law, public sector ethics, and human rights.

Students move through three conceptual modules, with **9 credits** in each:

- ❖ public management and finance
- ❖ law, administration and ethics
- ❖ public policy and analysis

Each module must be completed in its entirety. The last module provides students with the option of completing a research paper or a public policy issue and development course.

Students normally progress as a cohort. The specific order in which courses are taught may vary from year to year. However, students must complete the Research Methods and Information Systems and Program Evaluation and Public Policy Analysis courses in Module 3 before embarking on the Major Research Paper.

Module 1: Public Management and Finance (9 credits)

The public management and finance module emphasizes the skills, knowledge, and behaviours that are essential to an effective lower-middle level public sector manager. These include a firm understanding of the basics of public administration, as well as effective change management, leadership, human resources management, public finance, and accountability mechanisms.

Students must successfully complete the following courses:

Public Policy, Administration & Law 6000 3.0: Public Management;
Public Policy, Administration & Law 6010 3.0: Leadership and Human Resources Management; and,
Public Policy, Administration & Law 6020 3.0: Public Finance and Accounting.

Module 2: Law and Ethics (9 credits)

The law and ethics module is designed to provide students with the tools to deal competently with legal and ethical matters in public affairs.

Students must successfully complete the following courses:

Public Policy, Administration & Law 6100 3.0: Canadian Constitutional Law;

Public Policy, Administration & Law 6120 3.0: Administrative Law and Ethics: Principles and Practices in the Policy-Making Context; and,

Public Policy, Administration & Law 6130 3.0: Equity, Policy, Law and Planning.

Module 3: Public Policy and Analysis (9 credits)

This module is designed to provide students with a firm

understanding of the skills of program evaluation, and with relevant analytical tools regarding public policy development and the public policy cycle.

Students must successfully complete the following courses:

Public Policy, Administration & Law 6200 3.0: Research Methods and Information Systems;

Public Policy, Administration & Law 6210 3.0: Program Evaluation and Public Policy Analysis;

and one of the following two courses:

Public Policy, Administration & Law 6230 3.0: Topics in Public Policy; OR

Public Policy, Administration & Law 6250 3.0: Major Research Paper.

REAL ESTATE & INFRASTRUCTURE

MASTER OF REAL ESTATE & INFRASTRUCTURE

The Graduate Program in Real Estate & Infrastructure is a one-year, three-term master's program offered by the Schulich School of Business that provides students with a comprehensive understanding of, and a broad skill base in, real estate and infrastructure management.

The curriculum emphasizes leadership as well as development, investment and finance in both the real estate and infrastructure industries. It also provides a set of co-curricular activities, including field trips, mentoring and career planning that supports the curriculum and the student's professional development. The result is an intense academic and industry interaction, with experiential learning driving the curriculum. Students take a common set of courses in the first two terms and select either real estate or infrastructure electives in the final term. Courses in the final term are scheduled to facilitate an optional part-time internship.

The program starts in Fall of each year. For more information, please visit:

<http://schulich.yorku.ca/programs/mrei/>.

ADMISSION REQUIREMENTS

❖ Applicants normally should possess a four-year undergraduate degree from a recognized university with a minimum B average in the last two full years (or equivalent) of academic work. A candidate with a three-year degree may be considered for admission with a minimum of one year of work experience.

- ❖ Applicants with two to five years of relevant full-time work experience are strongly preferred.
- ❖ The Graduate Management Admission Test (GMAT) or the Graduate Record Examination (GRE) are not required upon submission of applications. However, submission of these test scores:
 - ♦ is optional should the applicant wish to provide further evidence of academic potential.
 - ♦ may be requested by the Admissions Committee if further evidence of academic performance is required.
- ❖ Proof of English language proficiency if prior studies were not completed in English: Test of English as a Foreign Language (iBT): 100 with minimum component scores of 23 or International English Language Testing System: 7.0 overall with minimum component score of 6.5. Strong applicants whose first language is not English and do not meet the above language requirements may be considered for admission with the condition of completion of the MBA/Specialized Master's Preparation Program offered by the York University English Language Institute.
- ❖ Completion of the online application including submission of essays, an up-to-date résumé and two references.

DEGREE REQUIREMENTS

Students must successfully complete:

- ❖ **48 credits of course work**, consisting of:
- ❖ **42 credits of core courses**, and,
- ❖ **6 credits of electives**.

All other requirements are identical to those of Schulich's other master's programs.

SCIENCE & TECHNOLOGY STUDIES

The Graduate Program in Science & Technology Studies offers advanced training leading to the MA and PhD degrees. Research in Science and Technology Studies applies the methods and theories of the social sciences and humanities to the examination of scientific knowledge and technology, both past and present. Drawing upon the demonstrated expertise of a wide range of faculty, the program provides highly qualified students with a unique opportunity of doing specialized academic work in science and technology studies.

Four program fields represent the significant areas of teaching and research strength of York University's science and technology studies faculty. The four fields are described below.

Biosciences and Biotechnologies

This field encompasses studies of those sciences and technologies that concern living organisms. Psychology, medicine and the life sciences have long been rich domains of inquiry for historians and philosophers, and have more recently become preoccupations for sociologists and anthropologists of science and technology. Scholars in this domain eschew the assumption that biological studies simply reveal the molecular or physiological workings of living entities and collectives; instead, they are produced in particular social, temporal and instrumental contexts. Embedded in the facts and artefacts of the biological sciences are linguistic and pictorial representations, pedagogical conventions, material constraints, moral anxieties and social hierarchies. Courses in this field may explore, for example, the geopolitical significance of epidemics, the use of model organisms as instruments of investigation, or the specific ways in which the ambiguous concept of life is made visible, legible and tangible in the biological sciences.

Human-Machine Interactions

This field draws on the analytical resources of many fields, including history, sociology, anthropology, and philosophy, to make sense of the historical and contemporary interactions between humans and machines. One approach to this field examines the disciplines, such as cybernetics, that take human-machine interactions as their focus. Another takes the engagements themselves as the object of study, focusing on topics like the embodiment of social priorities in material cultures; conceptions of the body and the deployment of scientific instruments (from the perspectives of history, sociology, anthropology, and philosophy), the cultural place of prosthetics in re-imagining post-war bodies and nations; the sociology of wearable technologies; the place of the cyborg in contemporary culture; or the role of engineering drawings in mediating between minds and devices (from the perspectives of history, sociology, anthropology, and philosophy), to name a few. Through all of these avenues, the field explores both the interactions and delineation of the human and the machine, as well as the larger spaces—historical, physical, cultural, epistemic—in which they come together.

Public Science

This field explores the interactions of science and the public sphere. Scientific theories have been shaped by the social and cultural contexts in which they developed. But once articulated by scientists, accepted by the scientific community, and embedded in technological inventions, they are communicated to the public and begin to shape social and cultural realities. Courses here draw on the rich interdisciplinary scholarship in scientific education, science policy,

and the legal and ethical dimensions of scientific and technological issues. They also address topics relating to science, technology and various forms of elite and popular culture, including art, literature, the internet, and museum display.

Physical Systems

Rather than treat the physical sciences as autonomous domains, this field emphasizes the interconnectedness of astronomy, physics, chemistry, and related disciplines as systems designed for analysis, experiment, and intervention in the inorganic world. Philosophical, historical and social science approaches are applied to show how matter, energy, ideas, communicative strategies and technological processes have converged to create physical systems and the disciplines that probe them. Courses would also consider the impact of the physical systems model upon the life and social sciences.

MASTER OF ARTS PROGRAM ADMISSION REQUIREMENTS

The deadline for applications is published on the Admissions website.

Applicants must have:

- ❖ an Honours BA or BSc, or equivalent, from a recognized university in field(s) relevant to Science and Technology Studies, with a grade average of at least B+ in the last two years of study. Examples of undergraduate degrees in field(s) relevant to science and technology studies include any BA or BSc degree in which the student has completed a significant amount of coursework on the application of anthropology, cultural studies, history, philosophy, social studies, or sociology, to an understanding of science or technology. Strong science and arts students with no prior work in science and technology studies or a related science and technology studies field are considered on a case by case basis and may be required to undertake some undergraduate preparatory work in science and technology studies before being considered for admission.
- ❖ three letters of recommendation
- ❖ a statement of intent which provides a cogent rationale for undertaking study in science and technology studies
- ❖ a sample of written work relevant to graduate study in science and technology studies

DEGREE REQUIREMENTS

The MA program is a one-year program which introduce students to graduate study in science and technology studies. It is open to qualified students who do not or may not plan to pursue graduate study in science and technology studies or in other professional degree programs beyond the MA and also to qualified students who plan or may plan to continue their studies in the science and technology studies at the doctoral level or in other professional degree programs.

All MA candidates are required to develop a plan of study in which they provide an integrated, coherent rationale for their studies as they relate to their coursework and major research paper. The plan of study must be approved by the Graduate Program Director. A preliminary plan must be discussed with the Graduate Program Director at the beginning of the first term, with the end of the first term as the deadline for a final plan approved by the Graduate Program Director.

1. Course Requirements

- a) Students are required to take the equivalent of three full graduate Science & Technology Studies courses (**18 credits**) consistent with their plan of study.
- b) Up to **6 credits** may be directed readings.
- c) Students are required to take the **3 credit** introduction science and technology studies in the fall term.
- d) Students have the option of taking up to **6 credits** in Arts type courses outside of the Science & Technology studies course offerings in an area relevant to their studies and in consultation with the Graduate Program Director.

2. Major Research Paper

Students are required to demonstrate in a major research paper their grasp of a subject within science and technology studies. The major research paper may be related to the work that students have done in one or more of their courses, but it must demonstrate independent research. It is normally to be completed by the end of the summer of the first year of study. The major research paper is formally evaluated and graded by two science and technology studies faculty members chosen by the Graduate Program Director in consultation with the student. One of these faculty members serves as the supervisor, the other as a second reader.

TIME LIMITS

Full-time master's candidates are expected to complete degree requirements within one year (3 terms). Students taking the degree on a part-time basis are normally expected to complete the program within 2 years (six terms).

DOCTOR OF PHILOSOPHY PROGRAM ADMISSION REQUIREMENTS

The deadline for applications is published on the Admissions website.

Applicants must have:

- ❖ a master's degree, or equivalent, from a recognized university in field(s) relevant to science and technology studies, with a grade average of at least a B+. Examples of degrees in field(s) relevant to science and technology studies include any MA or MSc degree in which the student has completed a significant amount of coursework on the application of anthropology, cultural studies, history, philosophy, social studies, or sociology, to an understanding of science or technology.
- ❖ three letters of recommendation
- ❖ a statement of intent which provides a cogent rationale for undertaking study in science and technology studies
- ❖ a sample of written work relevant to graduate study in science and technology studies

DEGREE REQUIREMENTS

The PhD program is a multiyear program of advanced graduate study whose purpose is the training of students to become highly qualified scholars in science and technology studies. The program culminates in the preparation of a dissertation that makes an original contribution to scholarship in science and technology studies. The program is open to qualified students who want to obtain advanced scholarly training in science and technology studies.

All PhD candidates are required to develop a plan of study in which they provide an integrated, coherent rationale for their studies as they relate to their course work, comprehensive examination, and dissertation. Both the student's supervisor and the Graduate Program Director must approve the plan of study. Candidates discuss their plans with the potential supervisors and the Graduate Program

Director at the beginning of their term, with the end of the year as the deadline for finalizing the plan.

All PhD candidates must have a faculty member supervisor agreed upon by the student, the faculty member, and the Graduate Program Director by the end of their first year in the program. Faculty member supervisors are responsible for ensuring that students develop an integrated, coherent plan of study and complete their degree requirements in timely fashion and for providing them with general academic advice (with regard, for instance, to preparing for their comprehensive examination; applying for scholarships and teaching fellowships; writing their dissertation; attending and contributing to scholarly conferences and learning how to prepare scholarly papers for publication in learned journals; and undertaking a job search which may require the preparation of a detailed teaching dossier).

1. Course Requirements

- a) Students are required to take the equivalent of three full graduate courses (**18 credits**) consistent with their plan of study, as approved by their supervisor and the Graduate Program Director.
- b) **One course (6 credits)** may be from another program
- c) **One course (6 credits)** may be in directed readings
- d) Students will be required to take the **3 credit** introduction to science and technology studies in the fall term of their first year, unless they have already taken the course as an MA student in the York University Science & Technology Studies graduate program.

2. Comprehensive Examination

Students are required to complete comprehensive exams in three fields. Students select three of the four following fields: biosciences and biotechnologies; human-machine interactions; public science; and physical systems. Alternatively, students select two of the four Science & Technology studies fields and construct a field within a discipline, in consultation with the Graduate Program Director and the supervisor, which does not overlap with any of the four science and technology studies fields. To prepare for the disciplinary field, students must successfully complete a course in that discipline and create a reading list on which they are examined.

The objectives of the comprehensive examination are to prepare and qualify students to teach undergraduate courses in the areas examined and to equip students with the specialized knowledge they need to undertake research on their doctoral dissertation. Students must successfully complete one examination covering all three fields. This examination allows questions that ask students to explore connections between fields, enhancing the interdisciplinary nature of the exam. The examination is three hours in length, and oral rather than written. Students are expected to take the examination in the spring of their second year of registration (during the 6th term). Candidates are required to demonstrate comprehensive knowledge within the designated areas on the examination. Evidence of such comprehensive knowledge is assessed on the basis of the candidate's competence in providing answers to questions during the examination that address the material on reading lists previously agreed upon by the student and their supervisor. The reading lists are composed of two parts: a list of core works common to all students being examined in that field; and a list of works in the student's area of speciality selected by the student in consultation with their supervisor. In the case of failure students are permitted to re-sit the examination only once, and the re-examination is to take place within six months of the date of the first examination. A second failure requires withdrawal from the program. The examination committee will be composed of three faculty members: the student's supervisor, a Graduate Program in Science & Technology Studies faculty

member appointed by the Graduate Program Director in consultation with the student and the supervisor; and either another Science & Technology Studies faculty member or a member of the Faculty of Graduate Studies from another graduate program appointed by the Graduate Program Director in consultation with the student and the supervisor.

3. Language Requirement

Students working in an area where the language is other than English must demonstrate to the members of their dissertation supervisory

committee that they have the ability to read primary sources and secondary literature in that language.

4. Dissertation

Students must complete a dissertation that makes an original contribution to science and technology studies scholarship.

TIME LIMITS

Full-time students are expected to complete their studies within five academic years of admission (15 terms).

SOCIAL & POLITICAL THOUGHT

Founded in 1973, York University's unique interdisciplinary Graduate Program in Social & Political Thought, leading to the MA and PhD degrees, undertakes to encourage, develop, and advance the analysis of social and political ideas with the aim of integrating intellectual interests common to the humanities and social sciences. The program represents a wide range of intellectual approaches but it does aspire to study social and political thought in its larger historical and cultural context. In cooperation with participating academic disciplines across the University, the program's curriculum is structured around three flexible areas of studies:

❖ History of Social and Political Thought

Courses on particular thinkers, texts, themes, and periods.

❖ Society and Economy

Courses dealing specifically with socioeconomic and political institutions and relations.

❖ Consciousness and Society

Courses dealing with the study of cultural and philosophical foundations of society.

The Graduate Program in Social & Political Thought encourages students to work independently and to become creative teachers and scholars. In selecting their courses, students are expected to acquire a broad balanced knowledge of the field as a whole, as well as to pursue their own specialized interests. In all cases, students have to take very considerable personal initiative on their own to develop an intellectually coherent pattern of study which leads to the writing of an original major research paper (master's) or doctoral dissertation (PhD) in social and political thought. Students are required to be adequately prepared in those languages essential to their dissertation research.

In addition to the courses in the Graduate Program in Social & Political Thought, students may choose interdisciplinary courses from the Graduate Programs in Communication & Culture, Economics, English, History, Humanities, Philosophy, Political Science, Sociology, and graduate programs in other relevant disciplines.

APPLICATION PROCEDURES

Since the number of places in the program is limited, students should apply as early as possible in advance of the deadline advertised by the Graduate Admissions Office. Applications for admissions are only considered for the following September. Students wishing to transfer from other graduate programs must follow the normal application procedure. Students who have applied by the deadline are normally notified of the University's decision in April. Students are expected to accept or to decline admission within one month of the date of the offer of admission. Application forms and further information may be obtained from <https://futurestudents.yorku.ca/graduate> or the Graduate Admissions Office, York University, Bennett Centre for Student Services, Third Floor Reception, 99 Ian Macdonald Boulevard, Toronto, Ontario, Canada, M3J 1P3; (416) 736-5000. In addition to arranging for transcripts from all universities attended and for three letters of reference to be sent directly to the University, applicants are also asked to submit a statement of intention and a sample of their written work. Where possible the paper should be pertinent to the interests the student

wishes to pursue in the program. Incomplete applications will not be reviewed by the Social & Political Thought admissions committee.

MASTER OF ARTS PROGRAM

ADMISSION REQUIREMENTS

Graduates with a four-year degree in a field of study relevant to pursuing graduate work in social and political thought from a recognized Canadian or United States university, or an honours degree from another recognized university, and with **at least** a B+ average in the last two years of study, are considered for admission as candidates for the MA degree.

DEGREE REQUIREMENTS

Candidates for the MA degree must satisfactorily complete the following studies, which may be completed in three full-time terms:

1. Courses

18 credits, 15 of which are chosen by the student in consonance with the interdisciplinary aims of the program, in consultation with the Graduate Program Director, of which: (a) at least one must be a formal Social & Political Thought course; (b) only one may be a reading course (**Social & Political Thought 6001 6.0** or **6001 3.0**), along with a required 3-credit course, **Social & Political Thought 6105 3.0: Master's Practicum: Major Research Paper Development**.

No more than six credits may be taken with one faculty member, with the exception of a directed reading course.

2. Major Research Paper

Social & Political Thought MA Major Research Paper (to be written in connection with one of the above courses, to be read by two faculty members chosen in consultation with the Graduate Program Director).

3. Oral Examination

An oral examination to be taken upon completion of the above course work. The candidate is examined on three major works in social and political thought that relate to her or his major research paper research, to be chosen in consultation with the examining committee and the Graduate Program Director.

LANGUAGE REQUIREMENTS

Candidates for the MA degree must demonstrate an ability to make effective use of such languages as are necessary to their study.

All master's requirements are superseded by Faculty of Graduate Studies' policies.

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

Applicants for study towards the PhD degree are normally considered for admission only after they have been graduate students at a recognized university for at least one year and have been awarded the MA degree or an equivalent, with at least a B+ average, indicating preparation for advanced graduate work in social and political thought.

DEGREE REQUIREMENTS

Candidates for the PhD degree must fulfil the following requirements:

1. Courses

Students must successfully complete PhD course requirements by taking **24 credits** or equivalent, as follows:

- a) **Social & Political Thought 6104 6.0: Social and Political Thought: Theories, Approaches, and Methods** – this course must be completed in the first year, and,
 - b) an **additional 18 credits**, including **12 credits** of Social & Political Thought courses, of which only **6 credits** may be taken as a directed reading course (**Social & Political Thought 6001 6.0 or 6001 3.0**).
- ❖ No more than **6 credits** may be taken with one faculty member, with the exceptions of the core course and directed reading course.
 - ❖ In order to ensure interdisciplinary breadth, at least **3 credits** must be taken in a Social & Political Thought field other than the student's primary Social & Political Thought field.

2. Comprehensives

Suitably comprehensive mastery over general areas of social and

political thought relevant to the candidate's program of study as determined by the candidate's supervisory committee. The comprehensive requirements are to be completed after the completion of and prior to the submission of a dissertation proposal.

3. Dissertation Proposal

The dissertation proposal can only be submitted upon the completion of all coursework, and the comprehensive examination. The dissertation proposal must be approved by the supervisory committee, Graduate Program Director and the Faculty of Graduate Studies at least six months prior to the PhD oral defence.

4. Dissertation

A suitable interdisciplinary dissertation.

LANGUAGE REQUIREMENTS

Candidates for the PhD degree are required to be competent in those languages essential to their research for and preparation of their doctoral dissertation.

❖ *Note:* Candidates must consult the program's supplementary calendar for a definitive statement of course offerings for each year.

SOCIAL ANTHROPOLOGY

The Graduate Program in Social Anthropology offers courses and opportunities for advanced studies and research leading to the MA and PhD degrees.

The principal focus in the program is the social anthropology of contemporary societies, with a concentration on areas of change and complexity in social and cultural life at levels ranging from local to global. The program emphasises theoretical and practical research that combines conceptual sophistication, reflexivity and political engagement. Fieldwork in the program focuses on political, social and cultural locations in interconnected worlds as well as in particular regions.

Faculty member expertise and research is diverse and invested in the complexity and contestation of theoretical and policy positions within contemporary anthropology and, more broadly, the world in which we live.

Areas of specialization are as follows:

❖ **Health, illness and the body**

Disability, global health, mental health, food and nutrition, medical systems

❖ **Knowledge systems**

Science, technology, religion, nature, environments

❖ **Representation, identity, performance**

Public culture, gender, sexuality, race, racism, ethnicity, media, visual culture, tourism

❖ **Power, politics, development**

Political economy, (post) colonialism, economics, nationalism, diaspora and transnationalism, policy, advocacy, social movements

MASTER OF ARTS PROGRAM

ADMISSION REQUIREMENTS

Graduates with an honours degree in Social Anthropology with at least a B+ average in the last two years of study, or its equivalent, may be admitted to the MA program. Applicants with a B average may be considered only if they can offer exceptional (B+ or better) grades in social anthropology courses.

MA Degree by Research-Review Paper

DEGREE REQUIREMENTS

Studies for the master's degree require five terms to complete, beginning with the Fall term, and are pursued by a research-review paper.

Candidates for the MA degree must fulfill the following requirements:

1. Courses

Master's students must complete **24 credits** of coursework, including **Social Anthropology 5010 3.0: Theory in Social Anthropology**, **Social Anthropology 5020 3.0: Methods in Social Anthropology**, and **Social Anthropology 5000 6.0: Graduate Seminar in Ethnographic Research, Practice, and Professionalization**.

The remaining **12 credits** should be selected from the list of graduate theme courses offered in Social Anthropology, with substitutes from cognate disciplines permitted at the discretion of the Graduate Program Director.

2. Research-Review Paper and Oral Examination

Candidates must write a research-review paper (in the range of 40-50 pages) under the supervision of a two-member committee, on a topic approved by that committee and by the Graduate Program Director of Social Anthropology. The paper should demonstrate creative and analytical ability and an advanced understanding of the selected topic.

At the beginning of their fifth term of study, all MA students must present on the results of their research in a master's research colloquium.

The research-review paper is normally submitted to the Graduate Program at the end of the fifth term of study. The candidate is then examined orally on the paper and related matters by the supervisory committee together with the Graduate Program Director.

After submission of the paper, a candidate is examined orally on the paper and related matters by the supervisory committee together with the Graduate Program Director.

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

Graduates with a master's degree in anthropology with at least a "B+" average and with a special emphasis in social anthropology may be admitted as candidates (PhD I) in the program leading to the PhD degree.

Applicants with a master's degree in anthropology but without strong specialization in social anthropology may be accepted, subject to their satisfactory completion of one or more relevant courses in Social Anthropology at the master's level.

Applicants with a master's degree, or its equivalent, in another social science, may be considered for admission. If offered admission, students will be required to satisfactorily complete specified courses in Social Anthropology at the masters level in the first year of study. It should be noted that these courses will be in addition to the requirements of the doctoral program.

ADVISORY COMMITTEE

Each student, on entry into the program, will choose an advisory committee comprised of a primary supervisor and two committee members, chosen in consultation with the Graduate Program Director. In most instances all three faculty members will be from within the program, but in special instances one member can be from outside. The function of this advisory committee is to guide the candidate through to completion of the three required comprehensive examinations.

DEGREE REQUIREMENTS

Specialization

Each candidate is expected to select for special coverage two of the major specializations of the graduate program as listed

in the introductory paragraph. It is expected that students will achieve a comprehensive coverage of at least two of the principal specializations in order to qualify for the comprehensives. This is to be accomplished through anthropology theme and cognate courses (see sections (c) and (d) below).

Courses

Each candidate must complete **21 credits** of course work, including the **four required courses** listed below.

Social Anthropology 6010 3.0: Advanced General Theory in Social Anthropology I

Social Anthropology 6011 3.0: Advanced General Theory in Social Anthropology II

Social Anthropology 6020 3.0: Advanced Research Methods in Anthropology

Social Anthropology 5000 6.0: Graduate Seminar in Ethnographic Research, Practice, and Professionalization.

❖ *Note:* Candidates may be required to complete a course in quantitative methods if necessary for their research project.

Two three-credit courses in social anthropology relating to the topic chosen by the candidate for PhD specialization (*e.g.*, a course in ethnicity, medical anthropology, *etc.*). One of these courses may be taken in a cognate discipline with the approval of the Graduate Program Director. The course chosen should relate to the candidate's main interest in Anthropology.

COMPREHENSIVES

Comprehensives are undertaken upon completion of all coursework. Candidates are required to write two papers and a detailed research proposal. For the two papers candidates will select two theoretical specializations from the list of fields provided in the Social Anthropology calendar. Comprehensives are normally completed no later than the end of the sixth term of study, and before beginning fieldwork.

LANGUAGE REQUIREMENT

There is no formal language requirement but the supervisory committee will require a student to demonstrate an acceptable competence in a language which is considered necessary for purposes of her/his research—for proper comprehension of existing literature and/or for use in the course of field research.

SUPERVISORY COMMITTEE

After successful completion of the comprehensive examinations, a three-member supervisory committee will be appointed by the Dean of Graduate Studies for the candidate on recommendation of the Graduate Program Director. This may or may not be composed of the same members as the advisory/examining committee, depending on the student's research interests. The supervisory committee may also include one member from outside the program.

The function of the supervisory committee is to guide the student through a dissertation proposal, field research, and preparation of the doctoral dissertation.

DISSERTATION

Each student will be required to undertake an original field research project of approximately 12 months' duration. Under special circumstances, students will be allowed to do archival or library research but field research is definitely preferred.

A detailed research proposal must be approved by the candidate's supervisory committee, the graduate director, and the Faculty of Graduate Studies.

On completion of the field research, the student will write a doctoral dissertation which makes a substantial and original contribution to knowledge and to the discipline of Social Anthropology.

After submission of the dissertation, an oral examination, or defence, will take place.

OTHER REGULATIONS

1. For all those students who wish to convocate at either the Spring or Fall Convocation, dissertations must be approved by the supervisory committee no later than April 1 and September 1, respectively.
2. Except in the case of the Qualitative Methods courses (see notation under **Courses**), no course which was taken as a requirement at the MA level may be offered to satisfy a PhD requirement.
3. The Social Anthropology program is organized on a 12 month basis. Students are normally expected to be engaged on a full-time basis in research and study during the summer terms.
4. Any graduate student in the Graduate Program in Social Anthropology who wishes to engage in field research activities involving human subjects utilizing the name or the facilities of York University must do so in accordance with the University's code regulating the use of human subjects, and only under the supervision of a graduate program faculty member.

SOCIAL WORK

York University's School of Social Work is recognized as having one of the most progressive and socially responsive social work programs in Canada. Noted for its critical perspective and commitment to human rights, social justice and anti-oppression, the Graduate Program in Social Work offers full-time and part-time graduate study (for students with a BSW) leading to a Master of Social Work degree; a two-year MSW program designed for students who do not have a Bachelor of Social Work, but who have relevant experience and an undergraduate degree in a related subject; and a full-time doctoral program leading to a PhD in social work.

MASTER OF SOCIAL WORK PROGRAM

The master's programs in social work have three accredited fields of study:

- ❖ integration of research and critical practice;
- ❖ identity, diversity and anti-oppression; and,
- ❖ social policy analysis and advocacy in a local, global and international context.

ADMISSION REQUIREMENTS

The advanced standing Master of Social Work program is offered on a full or part time basis and is open to graduates of recognized universities, with a BSW (or an equivalent honours undergraduate social work degree from outside Canada) with at least a B+ average in the last two years of study, and related social work experience. A minimum of two years of experience in social work/social justice related work (paid and/or voluntary) is preferred.

The two-year full-time Master of Social Work program is geared towards applicants who have a dedicated interest in social work but who currently have an honours degree in another discipline, from a recognized university with a minimum B+ average in the last two years of study, and who have successfully completed an undergraduate research methods course. A minimum of two years' of experience in social work/social justice related work (paid and/or voluntary) is preferred.

Students with a grade average that is lower than "B+" but with substantial social work/social justice related experience may be offered admission.

All applicants must provide:

1. a written statement (two pages) including the rationale for applying to the social work program at York University, and a statement of areas of practice and research interests;
2. curriculum vitae; and,
3. three letters of reference, one of which should be academic and one professional (if possible from a supervisor). It is preferred that the third referee be academic, but a professional one will also be accepted. If separate reference letters are provided, they must be on official letterhead.
4. MSW Admission - Social Service Experience Form (to be completed and uploaded via *MyFile*).
5. One official sealed copy of transcripts from each post-secondary institution attended.

DEGREE REQUIREMENTS

Candidates must fulfil the following requirements.

ADVANCED STANDING ONE-YEAR FULL-TIME PROGRAM AND TWO-YEAR PART-TIME PROGRAM

Students must successfully complete:

- a) **Social Work 5150 3.0: Critical Perspectives in Social Work/**
Prerequisites: Social Work 5010 3.0, 5011 3.0, 5030 3.0, 5040 3.0, 5050 3.0 and Social Work 5020 3.0; or a BSW;

Social Work 5250 3.0: Graduate Research Seminar/

Prerequisite: Social Work 5010 3.0, 5011 3.0, 5030 3.0, or a BSW;

Social Work 5350 6.0: Advanced Practicum/Prerequisite:

Social Work 5310 6.0, or a BSW; Prerequisites/Co-requisites: Social Work 5150 3.0;

Social Work 5450 3.0: Practice Research Paper Seminar/

Prerequisites: Social Work 5010 3.0, 5011 3.0, 5030 3.0, or a BSW; and Social Work 5250 3.0;

Social Work 5550 3.0: Indigenous Worldviews and Implications to Social Work;

and

- b) **Two** elective **half-courses** from the series **Social Work 5900 3.0 to 5999 3.0**, or an approved course from another graduate program.

TWO-YEAR FULL-TIME PROGRAM

Students must successfully complete:

- a) **Social Work 5010 3.0: Social Work Theories and Critical Practice I;**

Social Work 5011 3.0: Social Work Theories and Critical

Practice II/Prerequisite: Social Work 5010 3.0;

Social Work 5020 3.0: History of Social Welfare and Social Work from Critical Perspectives;

Social Work 5030 3.0: Oppression and Intersectionality;

Social Work 5040 3.0: Social Welfare and Social Policy;

Social Work 5050 3.0: Understanding Organizations for Social Work Practice;

Social Work 5150 3.0: Critical Perspectives in Social Work/

Prerequisites: Social Work 5010 3.0, 5011 3.0, 5030 3.0, 5040 3.0, 5050 3.0 and Social Work 5020 3.0; or a BSW;

Social Work 5250 3.0: Graduate Research Seminar/

Prerequisite: Social Work 5010 3.0, 5011 3.0, 5030 3.0, or a BSW;

Social Work 5310 6.0: Practicum/Prerequisites: Social Work

5010 3.0, 5020 3.0, 5030 3.0, 5040 3.0 and co-requisites: Social Work 5011 3.0 and 5050 3.0

Social Work 5350 6.0: Advanced Practicum/Prerequisite:

Social Work 5310 6.0, or a BSW; Prerequisites/Co-requisites: Social Work 5150 3.0;

Social Work 5450 3.0: Practice Research Paper Seminar/

Prerequisites: Social Work 5010 3.0, 5011 3.0, 5030 3.0, or a BSW; and Social Work 5250 3.0;

Social Work 5550 3.0: Indigenous Worldview and Implications to Social Work;

and

- b) **Four** elective **half courses** from the series **Social Work 5900 3.0 to 5999 3.0**, or an approved course from another graduate program.

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

Applicants must have a minimum B+ average from the master's degree (MSW or a related discipline), and have completed at least one social work degree (BSW or MSW). In exceptional cases, applicants who do not have a social work degree may be considered if they have a related degree. In such case, applicants must also demonstrate extensive experiences in social welfare, or community/social services.

Within the broader scope of a critical theory approach to social work, faculty members offer research and teaching strengths in the following five fields of study.

❖ Social Policy

Social policy refers to the political, economic and social goals of a group or society. The field of social policy involves examination of the history, context, formation, contributing values, implications and social and personal impacts of policies. It also involves the critical analysis of social problems and theorizing solutions in support of social justice and equality.

❖ Globalization and International Issues

This field addresses salient global issues and their impact on the global north and the global south. Attention is given to human rights and the role of the social work profession in addressing the social, economic, political and cultural consequences of globalization. It explores the history of colonization, the growth and crisis of capitalism and the consequent imbalance in the wealth of nations. International organizations that help to shape international social welfare policies and services are also examined to understand how rich countries shape the processes of economic, cultural, technological and military globalization and the implications for our worldview.

❖ Systemic Oppression

Oppression occurs when one group uses power to dominate and exploit another group. Systemic oppression refers to the ways such power is embedded in cultural, economic, political, interpersonal and psychological structures, and to the interlocking dynamics of oppression. This field includes, for example, class analysis, as developed in Marxist scholarship, which provides a theoretical and material base for understanding oppression based on the economic positions of individuals and groups. Feminist scholars have contributed a rich analysis of the dynamics of oppression based on gender. Relevant issues related to gender include but are not limited to violence and exploitation; aging, paid and unpaid labour; and the effects of economic restructuring on women. The field also includes the power and social relations of oppression as they relate to disability, sexual orientation, religions and age.

❖ Race, Ethnicity, and Culture

This field addresses how race is produced and ethnicity is used as a category of discrimination and how culture, race and ethnicity interact in this production. It interrogates commonsense understandings of race, ethnicity and culture and recognizes the present day legacies of the global history of colonialism and imperialism to uncover how racialization and ethnic superiority are accomplished. This field is particularly relevant to social work in Canada today because ethno-racial communities are increasingly constructed as homogeneous cultural identities and workers and clients/users struggle with the impact of racialized cultural assumptions and systemic racism and oppression in their everyday lives.

❖ Community and Direct Practice

This field recognizes that the experiences of discrimination and oppression are experienced by individuals, groups and communities at the local level. It is here that social work practice is primarily located and that its impacts are manifested. Faculty members of the Graduate Program in Social Work have considerable experience in direct social work practice across a number of diverse communities and have produced a rich body of scholarship in this area.

DEGREE REQUIREMENTS

Candidates for the PhD degree must fulfil the following requirements.

1. Courses

Students in the PhD in Social Work must successfully complete **five core courses** and **two post-MSW electives**. All students are expected to complete **five core** and **two post-MSW elective courses** by the end of the first four terms of study. The doctoral seminar is the final core course and is normally taken in year two.

Core Courses

Social Work 7000 3.0: Social Justice within a Social Work Context

Social Work 7010 3.0: Epistemology

Social Work 7020 3.0: Seminar on Research Design and Methodology

Social Work 7030 3.0: Quantitative and Qualitative Data Analysis

Social Work 7040 3.0: Doctoral Seminar

2. Comprehensive Examinations

Comprehensive examinations are taken either at the end of the second year of study or in the fall of year three.

The comprehensive process consists of the satisfactory completion of a comprehensive paper outline (3 pages in length) by the end of the first five terms of study, and a comprehensive paper (50 pages in length) by the end of the first seven terms of study.

3. Dissertation Supervisory Committee

The Committee is comprised of at least three faculty members all of whom must be appointed to the Faculty of Graduate Studies. At least two members must be from the School of Social Work and one must be external to the School. One of the members from the School of Social Work will be the student's chosen supervisor.

4. Dissertation

Following successful completion of the comprehensive examinations, students advance to the dissertation stage. Students enrol in the doctoral seminar and begin preparation of a dissertation proposal, to be approved by their supervisory committee.

An original research study and written dissertation must be completed by the student. The student must successfully defend the dissertation at an oral examination presided over by an examination committee.

SOCIO-LEGAL STUDIES

The Master of Arts in Socio-Legal Studies is one of the first of its kind to be offered within Canada. This unique program was developed in response to the growing recognition of the urgent need for graduate level education in this new and important field. The program is carefully constructed to cover foundation areas of legal knowledge, regulation, human rights and social justice.

The program is designed to give students the knowledge and skills to enter the areas of human rights, immigration, social policy, and transnational governance. Graduates of the program acquire an appreciation of law, justice, and rights that not only transcends conventional disciplinary boundaries, but also engages with the complexity of emerging legal regimes in Canada and internationally. The specially designed curriculum is created to enable master's students to complete the program in only one year.

The PhD in Socio-Legal Studies is the first doctoral program in Canada in interdisciplinary legal studies that is not based in a law school. While the academic foundation for the program rests on the contributions of scholars from a number of different disciplines, its scholarship can be distinguished from these disciplinary approaches by its greater attention to theory, methods, and substantive areas that focus on law and legal regulation as prime objects of investigation.

Research and teaching in this graduate program are organized around three core fields. These fields reflect the diverse teaching and research of socio-legal studies, and the strong analytical and theoretical orientation of the program, while allowing for student research in a variety of substantive topic areas:

❖ **Socio-Legal Theory:** central to this field is the recognition that law and society are mutually constitutive, that is, law is not an external force to which society is subject, but rather represents a dynamic set of codes, practices, categories and deliberations that both shape and are shaped by broader social, political, and economic logics, contexts and relations. This field also comprises theoretical perspectives on the relationship between law and society informed by sociology, history, philosophy, economics, anthropology, political science and psychology.

❖ **Crime, Law and Governance:** analysis of contemporary modes of security, regulation, and governance, their intersections with various forms of law, and their role in shaping individual and collective practices, identities and fortunes through designations of illegality, criminality and disorder. Included within this field is a wide range of substantive areas including, but not limited to: transnational policing; financial crime; immigration and borders; and police, courts and corrections.

❖ **Comparative and Historical Perspectives in Law:** studies of the variations of law across time, place and culture. Included are various approaches to the social history of law and legal regulation, as well as the analysis of indigenous forms of law, human rights regimes and both national and transnational forms of regulation and policing.

MASTER OF ARTS PROGRAM ADMISSION REQUIREMENTS

The Graduate Program in Socio-Legal Studies seeks a high calibre of students. To be considered for admission as a Master of Arts

candidate a student must have completed an honours degree program or equivalent from a recognized postsecondary institution, with an academic average of no less than a B+ over the last two (2) years of academic work.

In consideration of satisfactory studies and/or other relevant experience, letters of recommendations three (3), sample of written work (maximum 25 pages) and a statement of interest (maximum 500 words) will also be taken into account.

Proof of language proficiency is required for applicants who do not meet one of the following criteria:

1. Their first language is English; OR,
2. They have completed at least two (2) years of full-time study at an accredited university in a country (or institution) where English is the official language of instruction.

A minimum Test of English as a Foreign Language score of 600 (paper based) or 250 (computer based) or York English Language Test score of Band 1 or equivalent is required.

DEGREE REQUIREMENTS

MA Degree by Major Research Paper

The program is offered on a full-time basis only and the recommended time of completion is one year. Candidates for the MA degree must satisfactorily complete the following requirements:

1. Courses

Students must successfully complete **eighteen (18) course credits** as follows:

a) Required Courses (9 credits):

Socio-Legal Studies 6000 3.0: Law and Social Theory;

Socio-Legal Studies 6005 3.0: Advanced Research Strategies in Socio-Legal Methods; and,

Socio-Legal Studies 6100 3.0: MA Major Research Seminar.

b) Elective Credits (9 credits):

Students must successfully complete **nine (9) elective course credits** from the program's approved courses. With the permission of the Graduate Program Director, a maximum of **6 elective credits** may be taken in another graduate program.

2. Major Research Paper

Candidates are required to write a major research paper on an approved topic. Papers should be comprised of original material of a scholarly nature, demonstrating that the student is capable of independent research and critical analysis and must be of publishable quality. As a research project, the major research paper is generally narrower in scope, less complex in methodology and/or less ambitious in data gathering and analysis, than a thesis. Students are required to submit a proposal for their major research paper by the end of their second term—a version of which will be presented to their fellow students in the context of the Major Research Paper Seminar. The major research paper should be approximately 50 double-spaced pages (*i.e.*, 10,000 words) in length. The paper is supervised by a core faculty member from the program. Upon completion, the paper will be read and evaluated by the supervisor and another reader selected from among the graduate faculty.

3. Speaker Series

In addition, students must attend twelve (12) lectures as part of the program's Speaker Series.

DOCTOR OF PHILOSOPHY PROGRAM ADMISSION REQUIREMENTS

Applicants for the PhD program must have a master's degree with a minimum B+ average from a recognized university, with a minimum B+ average, or the equivalent, in a relevant social science or humanities program (e.g., sociology; criminology; law and society; political science; women's studies; history; philosophy).

In addition, all applicants must:

- 1) submit a recent research paper or report to indicate ability in writing and research.
- 2) submit a statement of interest providing evidence of commitment to advanced work in socio-legal studies. The statement should include a discussion of the applicant's background, interests, skills, and career goals, along with a proposed program of study.
- 3) submit three letters of reference.
- 4) for students whose first language is not English, have a minimum Test of English as a Foreign Language score of 600 (paper based) or 250 (computer based); or York English Language Test score 1.

Applicants are assessed on the basis of academic achievement and potential and/or demonstrated capacity for advanced work in an applied area. The submitted research paper or reports and the statement of interest provide a basis for evaluating that potential.

Students enrolled in the York University Socio-Legal Studies master's program wishing to apply to the doctoral program must do so through the admissions office. Students must have completed the MA before entering the PhD program.

All incoming MA and PhD students are assigned (based on common research interests) a faculty advisor who provides advice on program requirements (including course selection) and, most importantly, assists students in selecting permanent supervisors and supervisory committees. This formal advisory function is intended to help ensure a smooth transition from the initial point of entry into the program to the establishment of a full supervisory committee.

DEGREE REQUIREMENTS

Candidates for the PhD degree must fulfil the following requirements, in addition to the completion of a dissertation.

1. Courses

Students must successfully complete **eighteen (18) course credits** as follows:

a) Required Courses (9 credits):

- i) **Socio-Legal Studies 6000 3.0: Law and Social Theory;**
- ii) **Socio-Legal Studies 6005 3.0: Advanced Research Strategies in Socio-Legal Methods;**
- iii) **Socio-Legal Studies 7100 3.0: Dissertation Proposal Seminar** (offered every other year).

MA students who advance to the PhD (conditional on their acceptance into the PhD program) are not required to repeat the core theory and methods courses. These courses are replaced by **6 elective credits**. Students coming from other universities must complete the core theory and methods courses.

b) Elective Credits (9 credits):

Students must successfully complete **nine (9) elective credits** from

the program's approved courses. With the permission of the Graduate Program Director, a maximum of **6 elective credits** may be taken in another graduate program.

2. Speaker Series

In addition, students must attend twelve (12) lectures as part of the program's Speaker Series.

3. Comprehensive Examinations

a) Theory Requirement

The purpose of the theory examination is to prepare the student to develop the breadth of knowledge necessary to teach an introductory course in Socio-Legal Studies.

Fulfillment of the theory requirement is met through an oral examination. The oral exam is expected to be 90 – 120 minutes in length. Students are responsible for a reading list of twenty books (or equivalent), of which ten to fifteen are to be selected from the program's common list and the remainder from a list of works in the student's area of interest. The reading list is chosen in consultation with, and approved by, the students' comprehensive committee.

b) Substantive Requirement

The area of specialization and the readings to be reviewed are decided by the student in consultation with their committee. Fulfillment of the substantive requirement is met through written work followed by an oral defence. The written work can take two forms:

- i) A review of research in an area of specialization that is related to the dissertation. The reading list is comprised of 20 books or equivalent. After reading the approved list for the substantive comprehensive, the student, in consultation with the comprehensive committee, submits 3 to 5 questions based on the readings to her/his comprehensive committee. The comprehensive committee selects 2 of these questions, which may be revised as the committee sees fit. These questions are given to the student on an agreed-upon date. The essays are due two weeks later, and respond to the questions posed.

Each essay (approximately 20 pages each) should demonstrate an understanding of the relevant literature, the different theoretical approaches used to interpret empirical research and an awareness of major debates in this site of research as well as major gaps in theory and research.

OR

- ii) An outline of an advanced undergraduate course in a chosen area to include: an academic rationale for the organization of the course providing broad coverage of the field; a rationale for the particular selection of topics; and a list of twenty-four two hour lecture sessions, with readings to accompany each session. Also, students write the full text of a lecture on one of the topics in the course, to be chosen in consultation with the comprehensive committee. This written lecture should be approximately 25-30 pages.

The substantive comprehensive, whether completed as option (i) or (ii), will be subject to an oral defence, to be scheduled within 2 weeks of receiving the essay or course & lecture. The defence is expected to be 90 to 120 minutes in length.

A comprehensive requirement is considered passed if no more than one member of the committee casts a negative vote.

4. Doctoral Proposal and Dissertation

Doctoral dissertations shall be on a topic approved by the student's

supervisor and supervisory committee, and shall include submission and approval of a dissertation proposal, including appropriate ethics review and approval, in accordance with Faculty and program requirements and procedures.

The doctoral dissertation must embody original work conducted while in program, and must constitute a significant contribution to knowledge. It should contain evidence of critical understanding of the relevant literature. The material embodied in the dissertation should merit publication.

5. Faculty Supervision

Students must consult with the Graduate Program Director regarding

the formation of their three-person supervisory committee. Students will normally have a supervisor on record by the end of term five.

TIMELINE

The normal expectation of students is that they complete their coursework, speakers series requirements and comprehensive examinations within their first two years and complete their doctoral proposal by the end of term seven (the first term of year three). The program expects students to complete their dissertation (including an oral defence) by the end of the fourth year. In total, the PhD should take four years.

SOCIOLOGY

The Graduate Program in Sociology, which offers both MA and PhD degrees, is primarily designed for students interested in pursuing academic and research careers. The curriculum is intended to develop both disciplinary depth and interdisciplinary breadth. Students are given ample opportunity to specialize but the program believes that specialization should also be accompanied by a thorough grounding in classical and contemporary theories and proficiency in a variety of research methods.

AREAS OF CONCENTRATION

While the Graduate Program in Sociology is oriented to providing a broad theoretical and methodological training, thematic clusters also permit students to focus their studies in certain areas such as: global sociology; culture and identities; nature/society/culture; critical social theory; and processes, practices and power. These clusters are synergistic and interdisciplinary, with linkages to area studies, research projects, and thematic studies that enhance research in their fields. They allow students to take advantage of a rich array of intellectual resources and to participate in collaborative research clusters.

SUPERVISORY COMMITTEES

Each student's program of study is undertaken in consultation with a two-person (for MA students) and three-person (for PhD students) supervisory committee which is responsible for advising students and evaluating their overall progress. These committees are formed by the student, normally by the end of the first year of study. Committees file progress reports in the graduate program office at least once a year.

See <http://gradstudies.yorku.ca/current-students/thesis-dissertation/> for regulations concerning the composition and approval of these committees.

RESEARCH FACILITIES

Both the University and the Graduate Program in Sociology offer a wide variety of resources. A number of organized research units exist within the university with whom graduate faculty members and students in sociology are associated. Many of these institutes have specialized libraries and other resources. Some of the Organized Research Units of interest are the Centre for Feminist Research, the Centre for Refugee Studies, the Centre for Research on Latin America & the Caribbean, the Institute for Social Research, the Jack & Mae Nathanson Centre on Transnational Human Rights, Crime & Security, the Qualitative Research & Resource Centre, the York Centre for Asian Research, the City Institute, and the Global Labour Research Centre.

APPLICATION PROCEDURE

Because the number of places in the program is limited, students should apply as early as possible. Students should apply by the deadline published in the material available from the Graduate Admissions Office for first consideration, although in certain circumstances late applications may be considered if space is available.

MASTER OF ARTS PROGRAM

ADMISSION REQUIREMENTS

Graduates with an honours degree in sociology or its equivalent and normally with at least a B+ average or higher in their last two years of study may be admitted as candidates for the MA degree. Graduates with honours degrees in other disciplines may also be admitted depending on their background in sociology.

DEGREE REQUIREMENTS

MA Degree by Thesis

Candidates for the MA degree by thesis must fulfill the following requirements:

1. Courses

Two full courses, or equivalent, to include **Sociology 5901 3.0**, **Sociology 5995 3.0** and one **6000-level half course** in research methods and/or social statistics. Note that **Sociology 5900 3.0** does not count toward this total course requirement.

2. Thesis and Oral Examination

Candidates must write a thesis proposal. Candidates must conduct a research study and report the results in appropriate thesis form. The research and thesis should demonstrate the candidate's independence, originality, and understanding of the area of investigation. After the formal submission of the thesis, an oral examination, normally centred on the thesis and matters related to it, is held to determine whether or not the candidate has fulfilled the thesis requirement.

MA Degree by Research Review Paper

1. Courses

Three full courses, or equivalent, to include **Sociology 5901 3.0**, **Sociology 5995 3.0** and one **6000-level half course** in research methods and/or social statistics. Note that **Sociology 5900 3.0** does not count toward this total course requirement.

2. Research Review Paper and Oral Examination

Candidates must write a research review proposal. Candidates must write a 40-50 page research review paper under the supervision of a two-person supervisory committee on a topic approved by the Graduate Program Director of Sociology. Candidates are given an oral examination on the subject of the paper and related questions in sociology.

LANGUAGE AND COGNATE REQUIREMENTS

There is no second language or cognate requirement for the master's degree in Sociology.

DOCTOR OF PHILOSOPHY PROGRAM

ADMISSION REQUIREMENTS

Graduates with a master's degree in Sociology with at least a B+ average or higher may be admitted as candidates in the program leading to the PhD degree. Graduates with a master's degree in other disciplines may be admitted, depending on their background in sociology.

DEGREE REQUIREMENTS

Candidates (PhD I) form a three-person supervisory committee by the end of the second year. Candidates must fulfill the following requirements:

1. Courses

Four full courses, or equivalent, at the **6000-level**, including: a full course in theory, a full course in methods, and **Sociology 6001 3.0: Doctoral Seminar I: Professional Development Workshop Series** and **Sociology 6002 3.0: Doctoral Seminar II: Professional Development Workshop Series**.

2. Professional Development Requirement

This requirement is met by the completion of **Sociology 6001 3.0: Doctoral Seminar I: Professional Development Workshop Series** in the first year and **Sociology 6002 3.0: Doctoral Seminar II: Professional Development Workshop Series** in the second year. The overall objectives of these workshop-based courses are: (i) the development of professional skills for the academic and non-academic labour market; (ii) to facilitate timely progress through program; and (iii) to contribute to the development of a research culture in the cohort and beyond.

3. Comprehensive Requirements

Before proceeding to the doctoral proposal and dissertation work, the PhD candidate must complete the comprehensive requirements. These requirements include: (i) a proficiency in social theory as demonstrated through the completion of one 6000-level **full course** (or **two half courses**) in classical and/or contemporary social theory; (ii) a proficiency in research methods as demonstrated through the completion of one 6000-level **full course** (or **two half courses**) in

research methods and/or social statistics; and (iii) the completion of two comprehensive examinations as selected from the program's pre-approved comprehensive examination areas. Unless an appeal is granted, a comprehensive examination will be deemed as "fail" if the oral exam is not successfully completed within the required time period – that is, by the "Last Date for Oral and Adjudication." The comprehensive requirements are to be completed in the second year of study in the PhD program. Detailed information on these requirements may be found on the Graduate Program in Sociology website.

4. Cognate Requirement

Depending on the candidate's qualifications and intended research, demonstrated competency in a foreign language and/or demonstrated competency in a technical skill, such as statistics, may be required at the discretion of the student's supervisory committee.

5. Dissertation and Oral Examination

Candidates must write a research proposal. Candidates must conduct a research study and report the results in appropriate dissertation form. The research and dissertation should demonstrate the candidate's independence, originality, and understanding of the area of investigation at an advanced level. After the formal submission of the dissertation, an oral examination, normally centred on the dissertation and matters related to it, is held to determine whether or not the candidate has fulfilled the dissertation requirements.

TEACHING AND RESEARCH ASSIGNMENTS

Candidates may be required to undertake such special research or teaching assignments as may be thought desirable to advance their experience and training in sociology.

SUPPLY CHAIN MANAGEMENT

MASTER OF SUPPLY CHAIN MANAGEMENT

The Master of Supply Chain Management program is a professional master's degree program designed to prepare graduates for leadership roles in building, management and changing supply chains.

The 12-month, **39-credit** full-time or part-time program will develop the analytical and managerial skills needed to find creative supply chain solutions to business opportunities and problems in private, non-profit, or government sectors. It aims to add value to persons with previous undergraduate degrees in areas such as engineering, economics, healthcare, science, social science, and business.

The Master of Supply Chain Management curriculum combines foundational business knowledge with specific functional courses and their practical application. Students enrolled full-time can finish the program in one year, while part-time students can finish within as little as two years.

Please visit <http://schulich.yorku.ca> for more information.

ADMISSION REQUIREMENTS

- ❖ Applicants should possess an undergraduate degree from a recognized university with a minimum B+ average in the last two full years (or equivalent) of academic work.
- ❖ Applicants holding a Bachelor of Business Administration degree from the Schulich School of Business may be eligible for advance standing to Term 2 of the Master of Supply Chain Management program.
- ❖ Applicants holding a Bachelor of Business Administration or Bachelor of Commerce degree obtained within the last ten years from a recognized North American business school may request an assessment for Advanced Standing from our Graduation Admissions team should they have a minimum B grade in all applicable courses.
- ❖ Work experience is not mandatory.
- ❖ Applicants are NOT required to take the Graduate Management Admission Test (GMAT) or the Graduate Record Examination (GRE).
- ❖ Proof of English language proficiency if prior studies were not completed in English: Test of English as a Foreign Language (iBT): 100 with minimum component scores of 23 or International English Language Testing System: 7.0 overall with minimum component scores of 6.5.
- ❖ Completion of the online application including submission of essays, an up-to-date résumé and two references.

DEGREE REQUIREMENTS

Students must successfully complete **39 credits** of core coursework. In addition to the curriculum requirements, the Master of Supply Chain Management program is preceded by satisfactory completion of online course modules in Accounting, Finance and Statistics by AnyPrep.com. A Schulich-specific access code and instruction is sent to admitted, confirmed students before they begin their first academic term.

Course Requirements

The **13 courses** required for this program are listed below:

Group 1: Foundational Courses

Master of Management 5000 3.0: Business Communication and Team Dynamics

Master of Management 5060 3.0: Managerial Decision Analysis

Accounting 5200 3.0: Financial Decision For Managers

Marketing 5200 3.0: Marketing Management

Master of Management 5210 3.0: Design and Management of Organizational Processes

Group 2: Functional Courses

Operations Management and Information Systems 6200 3.0:

Strategic Supply Chain Management

Operations Management and Information Systems 6210 3.0:

Transportation and Logistics Management

Operations Management and Information Systems 6220 3.0:

Supply Relationship Management

Operations Management and Information Systems 6230 3.0:

Coordinating Demand and Supply

Group 3: Applied Learning Courses

Operations Management and Information Systems 6300 3.0:

Managing Change in Supply Chains

Operations Management and Information Systems 6310 3.0:

Managing International Trade in Supply Chains

Operations Management and Information Systems 6320 1.5:

Managing New Supply Chain Technology

Operations Management and Information Systems 6400 4.5:

Supply Chain Consulting Project

THEATRE

The Graduate Program in Theatre is a conservatory program set in the atmosphere of a multifaceted university. York's program is unique in Canada and one of the very few of its kind and intensity in North America. Its fundamental mission is to help each student/artist fulfill her or his own potential as a creator.

The program rests on the principle that professional training in theatre is most effectively carried out in an atmosphere that approximates the profession to which the students aspire.

The program investigates the nature of the art and the skills needed for performance in today's theatre, film and television industries. The program is geared to the advanced student who has a dedication to craft and performance-creation; to the highly talented student right out of undergraduate school; and to the professional in need of re-evaluation and a fuller understanding of the art form. The purpose of the training is to involve the developing artist in intensive explorations under the guidance of leading experts and specialists from the theatre department faculty, from across Canada and from the international theatre community.

The Graduate Program in Theatre at York University is located in one of North America's major centres for theatrical film, television and media production.

Students may obtain their Master of Fine Arts in combination with a Master of Business Administration degree. Please see the Combined MBA/MFA/MA section of this *Calendar* for more information.

MASTER OF FINE ARTS PROGRAM PROGRAM OF STUDY

The graduate program consists of a highly select group of up to twelve actors, four directors, three playwrights, two voice teachers, two acting teachers and two movement teachers.

Performance students focus their studies on preparation for the work they will encounter in the profession. Day to day training includes vocal, physical, and emotional work, improvisation, textual preparation, language preparation, mask work, clown work and scene study.

Directing students learn an appreciation of the craft of the actor by participating in some of the actor training. They take part in directing workshops and study approaches to research. They direct productions for the department.

Playwriting students. The objective of the playwriting area is to develop imagination and powers of observation, to stretch the playwrights' reach and to help them discover a wide variety of options.

Design students. The design for performing arts field supports the development of committed professionals as master designers for theatre, dance and opera who understand the need to re-examine existing theatre practices and, while retaining their artistic and intellectual goal, do so in a sustainable and ecological manner.

Voice Teacher Diploma students.*

**This graduate diploma is not accepting new registrants.* In addition

to the actor training, the voice teacher diploma candidates engage in weekly seminars, observations, assist senior faculty and teach under supervision. The training includes voice, voice science, anatomy and physiology, language, speech sounds, phonetics, dialect, coaching techniques, and traditional and non-traditional approaches to voice.

For all students the first year of the program consists primarily of intensive studio work leading to a final project. The summer session is devoted to research, and the second year leads to a repertory of plays.

ADMISSION REQUIREMENTS

Candidates for admission for the **performance, directing and playwriting** fields are expected to satisfy one of the following requirements:

- 1) an honours four-year BA or BFA degree with a minimum "B" average;

OR,

- 2) an Ordinary three-year degree with a minimum "B" average and a minimum of three years additional theatre or related experience.

Exceptions may be made for mature students with additional professional theatre credits.

All candidates must attend an audition/interview.

Playwriting candidates must submit examples of their work. Directing candidates must present audition material and additionally they are given an assignment prior to their evaluation. Performance candidates must present audition material. Students are admitted every two years (next in Fall 2021). Auditions are held in major centres across the country. Please see the Admissions website for deadlines:

<http://futurestudents.yorku.ca/graduate/programs/theatre> .

Candidates for admission to the **design in performing arts** field are expected to satisfy one or more of the following requirements:

- 1) An Honours undergraduate degree or equivalent (typically a four-year full-time program) in theatre, film, environmental studies, engineering, or architecture or related discipline from a recognized postsecondary institution with a minimum grade point average of "B" in the final two years of full-time equivalent study, or an undergraduate degree program or equivalent in theatre, environmental studies, engineering, or architecture from a recognized postsecondary institution with a minimum grade point average of B in the final two years of full-time equivalent study plus a minimum of three years of professional theatre or other design related experience;
- 2) Completion of a program at a recognized training academy;
- 3) Documented design or production experience in professional theatre; and,
- 4) Documented professional design experience in other fields.

Since students are not admitted to the proposed field straight out of an undergraduate program, more attention is paid to the student's early career.

Candidates are also expected to submit a portfolio, including:

- ❖ Letter of interest;
- ❖ résumé;
- ❖ two letters of reference;
- ❖ academic transcripts from all universities and colleges attended;
- ❖ visual documentation of candidate's work in theatre or other fields;
- ❖ other visual materials, as applicable.

DEGREE REQUIREMENTS

Students must successfully complete all degree requirements. The Graduate Program Director, in conjunction with the teaching faculty, prepares an evaluation of each student's work once each term. If the work is not satisfactory, students can expect a notice of warning before being asked to leave the program. Since the first year is primarily studio exploration and the second year has a performance orientation, all students are reviewed at the end of the first year and must be invited into the second year. Thesis requirements vary according to the student's area of specialization, but may include the following:

Performance Students

- ❖ Summer research project
- ❖ Rehearsal/research log for final season of plays in the second year
- ❖ Satisfactory participation in and the oral defence of their MFA thesis role

Directing Students

- ❖ Summer research project
- ❖ Satisfactory direction of several productions, plus one MFA thesis production
- ❖ Oral defence of MFA thesis production

Playwriting Students

- ❖ Summer research project
- ❖ One-act play
- ❖ Full-length play
- ❖ Adaptation
- ❖ Oral defence of full-length play

Design for the Performing Arts Students

The normal program length for design students is five terms.

First Year (Fall and Winter terms)

- ❖ **Theatre 5210 6.0: Graduate Research Seminar**
- ❖ **Theatre 5410 6.0: History of Visual Sources Special Project**
- ❖ **Theatre 5413 3.0: Graduate One Design for Performing Arts**
- ❖ **Theatre 5412 6.0: Graduate One Directing and Design**

Second Year (Fall and Winter terms)

- ❖ **Theatre 6413 3.0: Graduate Two Design for Performing Arts**
- ❖ **Theatre 6000 0.0: MFA Thesis Research**

Additional Course Requirements

- ❖ **Six credits in courses** chosen from those offered by the Graduate Program in Theatre
- ❖ **Six credits in courses** chosen from an approved cognate field at the graduate level. These courses should include environmental studies courses and fine arts courses that would be useful in the development of the final thesis project.

Comprehensive Examination

100 plays comprehensive test (normally completed by the second term of study).

Summer Research Project

The summer research project is normally completed in the third term (*i.e.*, summer of first year of study). The project involving researching and developing ecological practices for design in theatre, whether sets, costumes or sound and lighting. A project proposal must be submitted to the Graduate Program Director and design instructor. A research paper is the end result and can be the basis of the sustainable technology of a student's thesis project.

Thesis Project

Students are required to successfully complete a thesis project, including oral examination, in one of the following areas:

- ❖ theoretical design for performing arts
- ❖ practical design for performing arts
- ❖ sustainable technology in performing arts

A theoretical design thesis is composed of four distinct parts: a thesis proposal, research paper, documented design and oral defence. Documented design should include a research paper, both from a sustainable point of view and historical/artistic, design drawings, technical drawings, and additional materials requested by the supervising professor.

A practical design thesis is composed of five distinctive parts: a thesis proposal, research paper, both from a sustainable point of view and historical/artistic, documented design, realized production and oral defence. Documented design should include relevant research, design drawings, technical drawings, photos from production and additional materials requested by the supervising professor. This project does not take place at York University; rather, it may be in collaboration with The Canadian Stage Company or another professional group.

A sustainable technology thesis focuses on one of set design, costume design or lighting design, and may investigate alternate sustainable methods of design or develop a written conceptual design based on the ideals of ecological design. The thesis is composed of four distinct parts: a thesis proposal, research paper, documented design ideas and oral defence. The documented design should include both traditional and alternate techniques, necessary design and technical drawings and additional materials requested by the supervising professor.

GRADUATE DIPLOMA IN VOICE TEACHING (CONCURRENT)*

**This graduate diploma is not accepting new registrants.*

ADMISSION REQUIREMENTS

1. Only students who qualify for the Graduate Program in Theatre, in either the acting or directing stream, may enrol in the Graduate Diploma in Voice Teaching. This diploma can only be taken concurrently with the full-time five-semester MFA in Theatre.
2. Candidate voice teachers are expected to have professional acting experience and/or teaching experience subsequent to their Bachelor's degree or equivalent.
3. Candidates must have other advanced training, for example, from the National Voice Intensive, Equity Showcase Theatre or other professional voice training programs.
4. Prospective voice teachers must attend an interview specifically related to the voice teaching.

DIPLOMA REQUIREMENTS

Students must satisfy all graduate diploma requirements:

- ❖ Summer research project
- ❖ Special voice project
- ❖ Everything expected of performance students

GRADUATE DIPLOMA IN VOICE TEACHING (STAND-ALONE)*

**This graduate diploma is not accepting new registrants.*

ADMISSION REQUIREMENTS

Two different kinds of candidates are considered for admission to the diploma. They must be either:

1. Students who have a theatre background and have completed an MFA in Theatre, in either acting or directing.

OR

2. Students who do not come from a theatre background but have an advanced degree (MA or PhD) in linguistics, speech and hearing pathology, speech, mass communications or other related fields. They must be able to demonstrate experience and knowledge in theatre performance skills.

Additional Admission Interview and Audition

1. Candidates must have an advanced degree (MFA or equivalent) and therefore require more than the minimum academic admission requirements of the Faculty of Graduate Studies and the Graduate Program in Theatre.
2. Voice teacher candidates are expected to have professional performing arts performance experience and/or teaching experience. Teaching experience may include traditional schooling at all levels as well as professional actor training studios.
3. Candidates must have other advanced performance training, for example: the National Voice Intensive, Equity Showcase Theatre or other professional voice training programs.
4. Prospective voice teachers must attend an interview/audition specifically related to voice teaching with the voice faculty where they demonstrate familiarity with various styles and forms of voice training through demonstration and performance.

DIPLOMA REQUIREMENTS

Students must satisfy all graduate diploma requirements:

- ❖ Two full graduate courses
- ❖ Teaching under supervision
- ❖ Major voice training project

THEATRE & PERFORMANCE STUDIES

The Graduate Program in Theatre & Performance Studies offers two degrees, an MA and PhD, both of which emphasize our collective interest in theatre, performance, and cultural politics. The areas of program specialization, which structure the program's curriculum and degree requirements, reflect this focus. They include:

- ❖ Canadian theatre and cultural politics;
- ❖ postcolonialism and globalization;
- ❖ cultural policy and theatrical economies;
- ❖ gender and sexuality;
- ❖ embodiment and cultural memory;
- ❖ environment and cultural geography;
- ❖ critical pedagogy and community engagement; and,
- ❖ intermediality and technology.

MASTER OF ARTS PROGRAM

ADMISSION REQUIREMENTS

An honours degree or its equivalent in Theatre (BA or BFA), English or Humanities, with a minimum B+ average is required.

DEGREE REQUIREMENTS

Normally completed in three terms, the Master of Arts in Theatre & Performance Studies can be completed by coursework, by major research paper, or by thesis, as follows.

MA Degree by Coursework

Courses

Students must successfully complete **24 credits** in coursework, as follows:

- ❖ a research methodology course of at least **three credits** from a list of possible options provided by the program (these change each year)
- ❖ a minimum of **two courses (six credits)**, one of which must be a Canadian course with "theatre" in its title and the other of which must be a Theatre & Performance Studies course that aligns with program's fields.
- ❖ **18 credits** chosen from graduate-level Theatre & Performance Studies courses or approved graduate-level cognate courses.

Colloquium

Students are required to attend a bi-weekly non-credit colloquium during the first two terms of study. At the colloquium, research approaches are discussed, guest speakers from across the program and the university are brought in, and in-process presentations of each graduate student's research work is shared. Students are evaluated on a pass/fail basis.

Professional Placement

Students are required to set up a working professional placement of at least 75 hours as part of **Theatre & Performance Studies 5051 3.0**. This course is designed to give graduate students applied, professionally-oriented work experience in a field related to one of the program's fields of specialization and/or the student's research areas (e.g., production dramaturgy, assistant directing, education and outreach, publicity and marketing, producing). The assignment is supervised by a member of the graduate theatre studies faculty (often the Graduate Program Director) in association with an on-site supervisor/mentor. The arrangement for a placement is normally initiated by the student, who first presents a written outline of the

placement proposal to the Graduate Program Director for approval. After approval is obtained the student should contact the institution to set up their schedule. The exact nature of the assignment is worked out and agreed upon by the team of student, faculty advisor and on-site supervisor. The course grade (pass/fail) is determined by the faculty supervisor in consultation with the on-site supervisor. The average number of working hours for a **three credit** placement is 75-90 hours and there is normally no remuneration involved.

MA Degree by Major Research Paper

Courses

Students must successfully complete **18 credits** in coursework, as follows:

- ❖ a research methodology course of at least **three credits** from a list of possible options provided by the program (these change each year);
- ❖ a minimum of **two courses (six credits)**, one of which must be a Canadian course with "theatre" in its title and the other of which must be a Theatre & Performance Studies course that aligns with program's fields; and,
- ❖ **12 credits** chosen from graduate-level Theatre & Performance Studies courses or approved graduate-level cognate courses.

Colloquium

Students are required to attend a bi-weekly non-credit colloquium during the first two terms of study. At the colloquium, research approaches are discussed, guest speakers from across the program and the university are brought in, and in-process presentations of each graduate student's research work is shared. Students are evaluated on a pass/fail basis.

Professional Placement

Students are required to set up a working professional placement of at least 75 hours as part of **Theatre & Performance Studies 5051 3.0**. This course is designed to give graduate students applied, professionally-oriented work experience in a field related to one of the program's fields of specialization and/or the student's research areas (e.g., production dramaturgy, assistant directing, education and outreach, publicity and marketing, producing). The assignment is supervised by a member of the graduate theatre studies faculty (often the Graduate Program Director) in association with an on-site supervisor/mentor. The arrangement for a placement is normally initiated by the student, who first presents a written outline of the placement proposal to the Graduate Program Director for approval. After approval is obtained the student should contact the institution to set up their schedule. The exact nature of the assignment is worked out and agreed upon by the team of student, faculty advisor and on-site supervisor. The course grade (pass/fail) is determined by the faculty supervisor in consultation with the on-site supervisor. The average number of working hours for a **three credit** placement is 75-90 hours and there is normally no remuneration involved.

a) Major Research Paper

Students must undertake research under the direction of a Theatre & Performance Studies graduate program faculty member (normally in place by the end of the first term of study) on an approved topic and write a major research paper of approximately 40-50 pages. The paper is graded on a pass/fail basis by the faculty member directing the research and by a second reader.

b) Research-Creation Major Research Paper

Students must undertake research under the direction of a Theatre & Performance Studies graduate program faculty member (normally in place by the end of the first term of study) on an approved topic. This research will culminate in a research-creation work in which a key component is the creation of a critically-informed performance work. This work could include: a public or recorded performance (theatre, performance art, installation, *etc.*); the development of a significant piece of performance-based writing, design, or composition; a public or recorded demonstration of a performance-based method.

A research-creation major research paper must include: a significant performance work, plus a 25-page paper that explores the clearly defined set of critical, conceptual, and/or theoretical concerns that are at the centre of the research-creation project. The paper and research-creation project are graded on a pass/fail basis by the faculty member directing the research and by a second reader.

MA Degree by Thesis

Courses

Students must successfully complete **12 credits** in coursework, as follows:

- ❖ a research methodology course of at least **three credits** from a list of possible options provided by the program (these change each year)
- ❖ a minimum of **two courses (six credits)**, one of which must be a Canadian course with “theatre” in its title and the other of which must be a Theatre & Performance Studies course that aligns with program’s fields.
- ❖ **six credits** chosen from graduate-level Theatre & Performance Studies courses or approved graduate-level cognate courses.

Colloquium

Students are required to attend a bi-weekly non-credit colloquium during the first two terms of study. At the colloquium, research approaches are discussed, guest speakers from across the program and the university are brought in, and in-process presentations of each graduate student’s research work is shared. Students are evaluated on a pass/fail basis.

Professional Placement

Students are required to set up a working professional placement of at least 75 hours as part of **Theatre & Performance Studies 5051 3.0**. This course is designed to give graduate students applied, professionally-oriented work experience in a field related to one of the program’s fields of specialization and/or the student’s research areas (*e.g.*, production dramaturgy, assistant directing, education and outreach, publicity and marketing, producing). The assignment is supervised by a member of the graduate theatre studies faculty (often the Graduate Program Director) in association with an on-site supervisor/mentor. The arrangement for a placement is normally initiated by the student, who first presents a written outline of the placement proposal to the Graduate Program Director for approval. After approval is obtained the student should contact the institution to set up their schedule. The exact nature of the assignment is worked out and agreed upon by the team of student, faculty advisor and on-site supervisor. The course grade (pass/fail) is determined by the faculty supervisor in consultation with the on-site supervisor. The average number of working hours for a **three credit** placement is 75-90 hours and there is normally no remuneration involved.

Thesis and Oral Examination

Students must undertake research under the direction of a Theatre & Performance Studies faculty member (normally in place by the end of

the first term of study) and supervisory committee (normally in place no later than the second term of study) on an approved topic and write a thesis of approximately 100 pages. The thesis must embody the results of original research must be successfully defended at an oral examination.

DOCTOR OF PHILOSOPHY PROGRAM ADMISSION REQUIREMENTS

Candidates for the PhD must have an MA in a Humanities- or Social Sciences-related subject and a B+ average or higher.

DEGREE REQUIREMENTS

Normally completed in a maximum of five years, the PhD in Theatre & Performance Studies requires completion of the following:

Courses

Students must successfully complete **18 credits** in coursework, normally within the first two years (six terms) of study, as follows:

- ❖ a research methodology course of at least **three credits** from a list of possible options provided by the program (these change each year);
- ❖ a minimum of **two courses (six credits)**, one of which must be a Canadian course with “theatre” in its title and the other of which must be a Theatre & Performance Studies course that aligns with program’s fields; and,
- ❖ remaining coursework chosen from graduate-level Theatre & Performance Studies courses or approved graduate-level cognate courses.

Colloquium

Students are required to attend a bi-weekly non-credit colloquium during the first two terms of study. At the colloquium, research approaches are discussed, guest speakers from across the program and the university are brought in, and in-process presentations of each graduate student’s research work is shared. Students are evaluated on a pass/fail basis.

Professional Placement

PhD students entering the program who have not had extensive professional work in theatre and/or a related area may be required to set up a working professional placement of at least 75 hours as part of **Theatre & Performance Studies 5051 3.0** (students are evaluated on a case-by-case basis upon entering the program). This course is designed to give graduate students applied, professionally-oriented work experience in a field related to one of the program’s fields of specialization and/or the student’s research areas (*e.g.*, production dramaturgy, assistant directing, education and outreach, publicity and marketing, producing). The assignment is supervised by a member of the graduate theatre studies faculty (often the Graduate Program Director) in association with an on-site supervisor/mentor. The arrangement for a placement is normally initiated by the student who first presents a written outline of the placement proposal to the Graduate Program Director for approval. After approval is obtained the student should contact the institution to set up their schedule. The exact nature of the assignment is worked out and agreed upon by the team of student, faculty advisor and on-site supervisor. The course grade (pass/fail) is determined by the faculty supervisor in consultation with the on-site supervisor. The average number of working hours for a **three credit** placement is 75-90 hours and there is normally no remuneration involved.

Theatre & Performance Studies Comprehensive Examination (Written and Oral)

Taken in the Summer term of the second year of graduate study, this examination is intended to ensure students' familiarity with and ability to identify core ideas in the texts and identify key debates in the fields of theatre and performance studies. It also aims to test knowledge of a student's chosen research and teaching areas to verify sufficient grounding in scholarship relevant to a student's area of research, particularly the dissertation topic.

The examination consists of three sections, each based on a list of thirty texts for a total of ninety. List One, the "Theatre & Performance Studies Field List," is a set list of texts (dramatic and performance theory; theatre and performance history and historiography, dramatic literature, performance texts, *etc.*) designed to assess the candidate's overall command of several key theories, controversies, and debates in the field with the goal of equipping students to teach in theatre and performance programs. The second list, the "Dissertation Research Area – General List," reflects the broader area in theatre and performance studies in which the dissertation is situated (*e.g.*, Canadian theatre, performance theory, actor training methods, performance art, postcolonial theatre, physical and devised theatre). Each text speaks to the relationship between the student's specialized interest and the broad field of theatre and performance studies. The student chooses the 30 texts on this list in consultation with the comprehensive examination committee. The final list, the "Dissertation Research area – Specific List," is specifically related to the dissertation and may be outside of theatre and performance studies (*e.g.*, site-specific performance, feminist and queer theory, cultural geography, arts and cultural policy, autobiographical theory). The texts on this list directly inform the dissertation. The list of materials is chosen by students in consultation with the supervisory committee and submitted to the Graduate Program Director for approval.

The comprehensive examination is comprised of a take-home examination, normally taken during the summer term of the second year of doctoral study. Students have two weeks to write three 12-15 page responses to three essay questions. Questions are developed with input from students, who propose three possible questions for each list, for a total of nine questions. The questions are a starting point for the examination committee, who revise and adapt them in consultation with students. At the time of the examination the committee chooses one question per list for the examination; students learn which questions have been chosen at the start of the examination.

Upon successful completion of the written examination, the student is asked to meet for an oral examination one week after the results have been transmitted. The committee meets with the student for approximately 90 minutes, during which students is expected to answer follow-up questions arising from the written examination as well as other questions the committee deems appropriate.

Dissertation Proposal

No more than three months after the successful completion of the comprehensive examination, students are required to submit a dissertation proposal, following the program's dissertation proposal guidelines to the Faculty of Graduate Studies. Proposal guidelines are outlined in detail on the program website and in the program handbook. The dissertation proposal is developed in under the direction of the supervisor and supervisory committee. In order to ensure timely submission of the proposal, students should plan to submit a draft to their supervisor and supervisory committee no later than six weeks after the comprehensive examination.

Dissertation and Oral Examination

The dissertation must embody the results of original research with significant value for the study of theatre and performance and must be successfully defended at an oral examination, normally by the end of year 5 (term 15).

LANGUAGE REQUIREMENT

If the dissertation topic requires work in another language as deemed by the supervisory and supervisory committee, students must demonstrate reading proficiency in that language by the end of year three (term 9).

TRANSLATION STUDIES/TRADUCTOLOGIE

Languages of instruction: English and/or French

Langues d'enseignement : anglais et/ou français

The Graduate Program in Translation Studies offers courses and opportunities for advanced studies leading to the degree of Master of Arts in Translation Studies. It allows students to expand their knowledge on specific translation-related areas and to engage in a critical reflection on the role of language and translation in our contemporary world. The graduate program was established in 1991, in response to the increasing complexity of the translation-related language sector in Canada and to the growth of translation studies as a scholarly field. Through the years the program has maintained its original objectives while broadening its scope. Building on the Canadian experience of French-English translation, the program also welcomes students with a variety of backgrounds and language combinations. It is open to students who hold undergraduate translation degrees and to applicants from other fields who have demonstrated translation training and experience. The Graduate Program in Translation Studies invites research on translation from various perspectives and fields of knowledge and practice. It prepares students for research in Translation Studies and offers on average two practical courses per year.

The program can be undertaken on a part-time or full-time basis. It is a two-year program for full-time students. Courses are offered at Glendon College, York University's bilingual Faculty, close to Toronto city centre. Seminars are offered in English or in French. The average number of students taking courses in Glendon is 2,000 with some 200 at the School of Translation, including an average of 50 students in the MA program. Such small numbers are a guarantee of a more individualized learning environment, which is very valuable for research and studies at a higher level.

MASTER OF ARTS PROGRAM

Application Procedures

For more information and an application package, please call or write:

MA in Translation Studies	or Graduate Admissions Office
Maîtrise en traductologie	York University
Glendon Hall 214	P.O. Box GA2300
Collège universitaire Glendon	4700 Keele Street
2275, avenue Bayview	Toronto, Ontario
Toronto (Ontario)	M3J 1P3 CANADA
M4N 3M6 CANADA	Tel.: (416) 736-5000
Tél. : (416) 487-6811	
Par courriel: jangoh@glendon.yorku.ca	

Please consult the application material provided by the Graduate Admissions Office for deadlines.

ADMISSION REQUIREMENTS

To be eligible to be considered for admission to the master's program, students must have successfully completed:

- A. An Honours BA (*i.e.*, four-year degree) or equivalent in Translation with a minimum of a "B" average in the last two years of full-time equivalent study, including:
 - a. course(s) in terminology and documentation
 - b. a course in translation theory
 - c. a minimum of **six credits** in translation practice courses.

❖ *Note: If an applicant is missing one (exceptionally two) of the required three-credit courses, he/she will be required to take it concurrently with graduate courses.*

OR

An honours degree or equivalent in another discipline, with a minimum of a "B" average in the last two years of full-time equivalent study PLUS an average of "B" in the Qualifying Program.

AND

B. Demonstrated competence, to the satisfaction of the Admissions Committee, in two languages, one of which must be English.

AND

C. All applicants except graduates from Canadian translation programs must write and pass an Entrance Examination.

Qualifying Program (Programme préparatoire)

The qualifying program consists of five half-courses (**15 credits**) offered by the School of Translation at Glendon College. Applicants must pass the qualifying program entrance examination and then select courses in consultation with the School.

Two courses are required of all students:

Glendon/Translation 3270 3.0: Theory of Translation/Théorie de la traduction/Teoría de la traducción

Glendon/Translation 2280 3.0 (*either the bilingual section*)

Documentation et terminologie/Documentation and

Terminology (*or the non-language specific section*)

Documentation and Terminology

The other **three courses** are chosen in consultation with the Chair of the School of Translation. As Glendon College offers programs in English⇌French and English⇌Spanish translation, the choice of courses will depend on the student's language combination, academic background, and translation-related interests. A set of courses is available also for students with other language combinations.

In addition to the two courses above, qualifying program students will select **three courses** from the following:

Glendon/Translation 2250 3.0: Comparative Stylistics/Stylistique comparée (*bilingual*)

Glendon/Spanish 3550 3.0: Comparative Stylistics for Spanish-English Translation

Translation practice courses,

English⇌French:

Glendon/Translation 2210 3.0, 2220 3.0 AND/OR 3210 3.0, 3220 3.0, 4235 3.0

Translation practice courses,

English⇌Spanish:

Glendon Spanish 3545 3.0

AND/OR

Glendon/Spanish/Translation 4910 3.0, 4915 3.0, 4920 3.0

Glendon/Translation 4250 3.0: Techniques of Revision in

Translation/Techniques de la révision en traduction

Glendon/Translation/Humanities 4636 3.0: History, Societies & Translation I (*writing-intensive*)

Glendon/Translation/Humanities 4638 3.0: History, Societies & Translation II (*writing-intensive*)

Glendon/Translation/Coms 2902 3.0: Opinion, Argument:**Rhetoric for Academic Settings** (*writing-intensive*)

Any other *writing-intensive* **3.0 credit course** taught in English at Glendon College.

To register in these courses, students must be admitted to the School of Translation as visiting (non-degree) students.

The qualifying program may require one or more semesters, depending on the candidate's previous experience in translation and on the number of similar courses he or she may have taken in another university, which may be counted as equivalent. This must be approved by the Graduate Program Director.

Students whose language combination is not EN◇ES or EN◇FR are encouraged to demonstrate that they have taken translation practice courses in their language combination prior to applying to the MA in Translation Studies.

❖ **Note:** A minimum average of "B" in the qualifying program is required to be considered for admission into the MA Program. Students are advised to consult with the Graduate Program Director well before applying for admission to the MA in Translation Studies. Students must apply for admission to the Faculty of Graduate Studies upon completion of the qualifying program. *Taking the courses required for the qualifying program does not guarantee admission to the MA Program.*

DEGREE REQUIREMENTS**MA Degree by Thesis/Maîtrise avec mémoire**

Candidates for the MA degree by thesis must complete four half-courses and write a thesis based on original research. The thesis must be successfully defended at an oral examination.

MA Degree by Major Research Paper/Maîtrise avec travail de recherche

Candidates for the MA Degree by Major Research Paper must complete six half-courses and submit a major research paper on a well-defined topic. The major research paper is assessed and marked by the student's research supervisor and by another member of the program.

MA Degree by Coursework/Maîtrise avec séminaires seulement

Candidates for the MA degree by coursework must successfully complete eight half-courses, or equivalent, chosen from those offered by the program.

The MA program offers two types of courses:

- ❖ Research-oriented courses taught in English or French
- ❖ Practical non-language specific courses taught in English

Although most courses are taught in English, in any given year a course may be offered in either English or French. The language of instruction is clearly indicated and the posting of the description of the course is in that language. Written assignments, including the thesis and research paper, may be submitted in either English or French.

Not all courses are offered each year. For courses offered in any particular session, please consult the graduate program office and the Graduate Program in Translation Studies course schedule website: <http://www.glendon.yorku.ca/mats>.

VISUAL ARTS

Visual Arts offers practice-based degree programs at master's and doctoral levels, as well as participating in a joint program with the Schulich School of Business. Students can obtain their Master of Fine Arts in combination with a Master of Business Administration degree. Please see the Combined MBA/MFA/MA section of this Calendar for more information.

At the core of the MFA program in Visual Arts, individual creative research and art production is developed in conjunction with an evolving understanding of theoretical discourses and debates surrounding contemporary art and culture. Central to the program is independent studio research, which can be carried out in any medium or a crossover of more than one. Set within a university context, the MFA in Visual Arts is a five term program that seeks to provide students with the ability to think rigorously about their art practice and its relation to society as a whole. Along with Visual Arts faculty members, other York University faculty members, guest artists, curators and critics also support the development of students' projects.

The primary objective of the PhD in Visual Arts is to provide opportunity for advanced independent research that is integrated within the development of original studio practice, in all visual arts media. This four year degree leads to both development as a professional artist and higher qualifications for university teaching positions. Participants in the program develop new methodologies for reconciling the two sometimes conflicting forces of scholarly depth and art world professionalism. These objectives are achieved through a combination of coursework in the Visual Arts program and in the university at large, and two exhibitions of original work accompanied by contextualizing papers. Students must demonstrate maturity in research as recognized by the academic sector as well as by their peers in the art community. Supervisory committees in the program include artists, scholars and art world professionals so as to foster the best intellectual environment for meeting the program's objectives.

MASTER OF FINE ARTS PROGRAM ADMISSION REQUIREMENTS

Total MFA graduate enrolment is 18 to 20 students, 8 to 10 of whom are admitted each year. Those admitted to the program are a combination of recent graduates from university art departments or art colleges, and artists who wish to return to an academic milieu after a period of professional life. Graduates with an Honours degree in Visual Arts or its equivalent from a recognized University, normally with at least a B (second class) standing, may be considered for admission. Artists lacking the formal academic qualifications, but showing exceptional promise and accomplishment through their portfolio presentation, may be recommended for admission to the Faculty of Graduate Studies at the discretion of the selection committee.

As the York MFA program in Visual Arts is designed to assist artists in developing a critical understanding of their work and its relation to contemporary culture, the selection committee is interested in applications that indicate thoughtful and well-defined personal direction as evident in both the portfolio and the written statement.

APPLICATION

The requirements for a complete application, submitted online, to the MFA Visual Arts program at York University are:

- 1) 20 images of recent work, with an information sheet corresponding to the works presented which gives the title, medium, size and date of each work. This sheet should also clarify whether/how the works are kinetic, installation, performative, computational, *etc.* Video, film and electronic media may require a written synopsis for long works, and the role of the applicant in the production should be clear.
- 2) A written statement of intent (maximum 500 words) that includes a final paragraph on the applicant's proposed studio research if admitted to the program. This statement is a significant aspect of the application since applicants need to be able to express themselves in a coherent written form, and demonstrate an interest in contextualizing their personal research within contemporary critical debates on art.
- 3) *Curriculum vitae.*
- 4) Two academic letters of recommendation.
- 5) Academic transcripts from all post-secondary institutions attended.

APPLICATION PACKAGE

Application is online. See Faculty of Graduate Studies website <http://futurestudents.yorku.ca/graduate>.

❖ *Note:* All application material is submitted online. Please do not send anything by mail.

For any questions or inquiries, please consult the Visual Arts program website for contact information for the Graduate Program Director, Barbara Balfour at bbalfour@yorku.ca and the Graduate Program Assistant at dburns@yorku.ca.

SELECTION PROCEDURE

The applicant's work and other documents are examined by two faculty members and one graduate student representing the studio area of the applicant's primary choice. Frequently, additional faculty members from other studio areas examine the file at this stage. The files of those applicants with the highest recommendations are passed on for approval to the graduate executive (comprised of at least three faculty members, one elected graduate student and the Graduate Program Director of Visual Arts). The Graduate Program Director recommends admission to the Faculty of Graduate Studies.

DEGREE REQUIREMENTS

1. Courses

All first year students must successfully complete **three three-credit courses** in contemporary theory and criticism: **Visual Arts 5600 3.0: Contemporary Theory in the Visual Arts** in term one and **Visual Arts 5610 3.0: Theoretical Issues in Contemporary Art** in term two, and **Visual Arts 6020 3.0: Contemporary Visual Arts Summer Institute** in term three.

All first and second year students must complete: a combined PhD/MFA Graduate Seminar: **Visual Arts 5620/5640 3.0** (the seminar is taken twice, as **5620 3.0** in term one and **5640 3.0** in term four, pass/fail); and **Visual Arts 5650 3.0: Methods in Practice-Based Research** in term two.

First year MFA students are assigned a two-person supervisory committee composed of two faculty members from the program. In the second year, MFA students in Visual Arts engage in independent studio research and work with a supervisory committee composed of two faculty members from the program who are most able to address the students' research needs and goals, as well as an outside member. This second year committee supervises the preparation of the thesis exhibition and thesis support paper and acts as part of the committee for the final oral examination.

Students are given a private studio at York during the five terms of the degree.

2. Thesis Exhibition Support Paper

To graduate, each student must present a final solo thesis exhibition or performance, which is supported and elaborated by a written paper. The written paper should be 20 to 50 pages in length. At a final oral examination, both the art work and the written statement are defended.

Once the oral is passed, the student is required to provide the graduate program with a copy of the written support paper.

DOCTOR OF PHILOSOPHY PROGRAM ADMISSION REQUIREMENTS

A Master of Fine Arts with a minimum "B" average is required for application to this program, or an MA with studio concentration, as well as presentation of a portfolio of works and a qualifying research paper (MFA thesis paper or comparable peer-reviewed article). Selection committees to adjudicate the submissions are comprised of graduate faculty members.

Proficiency in written and spoken English is required.

The PhD in Visual Arts is a program of professionalization for advancing artists who already have a significant body of work. This term refers to their level of interest in and commitment to the development of research methods for exploring questions related to their practice. We are treating the visual arts as a broad field of study and practice that has various specializations within it. Students in the PhD program identify the specializations most pertinent to their work.

APPLICATION

The requirements for a complete application to the MFA Visual Arts program at York University are:

- 1) 20 images of recent work, with an information sheet corresponding to the works presented which gives the title, medium, size and date of each work. This sheet should also clarify whether/how the works are kinetic, installation, performative, computational, *etc.* Video, film and electronic media may require a written synopsis for long works, and the role of the applicant in the production should be clear.
- 2) A written statement of intent (200 to 500 words) that includes a final paragraph on the applicant's proposed studio research if admitted to the program. This statement is a significant aspect of the application since applicants need to be able to express themselves in a coherent written form, and demonstrate an interest in contextualizing their personal research within contemporary critical debates on art.
- 3) *Curriculum vitae*.
- 4) Two academic letters of recommendation.
- 5) Academic transcripts from all post-secondary institutions attended.

APPLICATION PACKAGE

Application is online. See Faculty of Graduate Studies website <http://futurestudents.yorku.ca/graduate>.

❖ *Note:* All application material is submitted online. Please do not send anything by mail.

For any questions or inquiries, please consult the Visual Arts program website for contact information for the Graduate Program Director and the Graduate Program Assistant.

DEGREE REQUIREMENTS

Candidates for the PhD degree must successfully complete the following requirements:

1. Courses

❖ **3.5 graduate courses (21 credits)** to satisfy degree requirements. A combined PhD/MFA seminar is taken during the first term (**three credits pass/fail**), **Visual Arts 5620 3.0: Graduate Seminar**. Students take **Visual Arts 5650 3.0: Methods in Practice-based Research** in the second term (**three credits**). Students are required to enroll in **Visual Arts 6020 3.0: Contemporary Visual Arts Summer Institute** in term three (**three credits**) and **Visual Arts 6030 3.0: Contemporary Visual Arts Summer Institute** in term six (**three credits**). 1.5 additional graduate courses are taken during the first six terms from any program in the university including other fine arts graduate programs (**9 credits**).

The annual **Contemporary Visual Arts Summer Institute** is a key facet of the program. It includes a two-week residency with prominent international artists and theorists, drawing on the Toronto and international art communities for distinguished guests to give public lectures and hold seminars. In this way, the PhD in Visual Arts program acts as a catalyst for the interplay between professional research and the innovative activities of professionals. It forms a network of professional relationships between Canadian and international researchers operating within and beyond fine arts university communities. Written work is required from students and comprises course credit for the Summer Institute.

In addition to the courses, the program requires: an oral comprehensive examination during the fifth term, a dissertation proposal submitted no later than the end of sixth term and a final dissertation exhibition and written paper completed preferably by the eleventh term (second term of PhD IV).

2. Comprehensive Examination

The oral comprehensive examination is comprised of a self-curated survey exhibition of the candidate's previous work and a 20 page statement that positions the work in relation to contemporary theoretical considerations and art practices. The examination takes place at the exhibition venue. Questions relate both to the candidate's work/statement and those of a more general nature arising from the Summer Institute. It is expected that this examination enables the student to reflect on the nature of their past work and to formulate the direction of their upcoming work that is detailed in their dissertation proposal.

3. Dissertation Proposal

The dissertation proposal is normally approximately fifteen pages in length as well as a bibliography. It outlines the nature of the proposed studio work; the theoretical /critical areas that inform it through a survey and précis of the pertinent texts; describes how these ideas integrate with the studio work; proposes a series of research questions that are examined in the final thesis; and confirms the venue for the upcoming dissertation exhibition.

4. Dissertation Exhibition

Students must complete an individualized exhibition-based comprehensive examination. They must defend a dissertation that presents their research in the form of a significant solo exhibition, accompanied by a dissertation research support paper related to the exhibition.

Supervisor and Supervisory Committee

To enable each student to assume the program of work from the time of their entry, a pro-tem supervisor is determined in relation to the research interests as well as the media focus that are expressed in the candidate's application. The pro-tem supervisor guides the student in the formation of the supervisory committee. Each student is required to choose a two-person committee by the end of the second term, consisting of a supervisor and a second member who are both from the PhD program. A third committee member from the art world

community, *i.e.*, a curator, artist, or critic is selected by the end of the fifth term (second term of PhD II). They are a member of the oral comprehensive examination committee and continue as a member of the supervisory committee for the final two years of the program of study.

Studio

In years two to four of study, each candidate is given a private studio at York. In the first year, candidates are provided with office space. In addition, candidates with the necessary experience/training, have full access to all Department of Visual Art and Art History studio facilities (*e.g.*, sculpture, print, photo, video) during their time in the PhD program. Students whose program of study extends beyond spring of PhD IV (term 11) are required to maintain an independent studio space off campus.

GRADUATE DIPLOMA IN ASIAN STUDIES

The Faculty of Graduate Studies and the York Centre for Asian Research offer a Graduate Diploma in Asian Studies that is awarded concurrently with a masters or doctoral degree for which the student is registered, on completion of all degree and graduate diploma requirements.

The Graduate Diploma in Asian Studies answers the identified need among students who are looking for more Asian content in their studies, and to interest prospective employers who are looking for graduates with certifiable expertise in Asian Studies. It is an interdisciplinary program that provides the necessary foundation to conduct research in Asia and Asian Diaspora. Given the diploma program's emphasis on non-spatially-contained definition of Asian studies, diaspora, identity and transnationalism among immigrant communities in Canada, students acquire a broad knowledge of contemporary Asian research and issues. The recognized diploma offers students promising career opportunities related to Asia in fields including education, development, business and the arts.

ADMISSION REQUIREMENTS

All candidates for the Graduate Diploma in Asian Studies must first be admitted to a graduate program at York University. They may register for the Graduate Diploma in Asian Studies once their master's or doctoral program of study has been clearly defined, normally before the course work has been completed.

DIPLOMA REQUIREMENTS

The Graduate Diploma in Asian Studies is available to graduate students at York who successfully complete the following requirements:

- 1) successfully complete the designated core course:
Geography 5700 3.0: The Making of Asian Studies: Critical Perspectives/Same as Communication & Culture 6135 3.0/History 5480 3.0/Humanities 6135 3.0/Social Anthropology 5500 3.0/Sociology 6745 3.0
- 2) demonstrate competency in one Asian language relevant to the candidate's research
- 3) successfully complete two research papers with clear Asian content (excluding the course paper)
- 4) successfully complete fieldwork or other experience in the Asian geographic region or in the Diaspora, normally of at least 12-week duration. In exceptional circumstances, archival work or other forms of fieldwork may qualify if this is central to the candidate's research.

Advising on the completion of these requirements is provided by the Director and Associate Director of the York Centre for Asian Research (the Associate Director is also the Graduate Diploma Coordinator), who is responsible for confirming that these requirements have been met. Advising is also provided by the Graduate Diploma Coordinator.

Further details about the graduate diploma requirements are found on the diploma website:
<http://ycar.apps01.yorku.ca/graduate-diploma> .

For more information: gdas@yorku.ca, (416) 736-5821 or visit the diploma administrator at 834 Kaneff Tower.

GRADUATE DIPLOMA IN COMPARATIVE LITERATURE

York University offers formal accreditation in comparative literature at the graduate level through the Graduate Diploma in Comparative Literature. Comparative literature has a strong tradition in Canada, which resulted in the founding of the Canadian Comparative Literature Association in 1969 and its journal, the *Canadian Review of Comparative Literature/Revue canadienne de littérature comparée* in 1974.

This challenging graduate diploma highlights the comparative, multilingual, cross-cultural nature of a student's graduate training. In the case of MA students, it provides promising opportunities for further study in related disciplines; in the case of PhD students, it can lead to prospective careers in a range of areas requiring a high level of cross-cultural competency and literacy from government to the global creative industries.

Students who complete the Graduate Diploma in Comparative Literature know how to:

- ❖ identify, define, and historically situate key concepts, terms, methodologies, theoretical approaches, and critical assumptions as they have been developed in the discipline of comparative literature;
- ❖ explain and critique western and non-western literary, cultural and artistic traditions in contexts that are both historical and contemporary;
- ❖ describe fundamental debates in the discipline, as well as new concerns and developments, and situate them vis-à-vis other disciplines;
- ❖ explain advantages and disadvantages of comparative methods for the creation of knowledge;
- ❖ develop unique research topics that fit into an interdisciplinary comparative humanities framework and lead to new knowledge;
- ❖ recognize research questions that are not suitable for comparative approaches;
- ❖ work with academic material in at least two languages other than English;
- ❖ connect with scholars in cognate areas at both the national and the international levels; and,
- ❖ communicate their unique contribution to comparative literature.

ADMISSION REQUIREMENTS

To register for the graduate diploma, a student must first be admitted to a graduate degree program (MA or PhD) at York University. Application to enter the Graduate Diploma in Comparative Literature is made to the Director of the Graduate Program in Humanities.

DIPLOMA REQUIREMENTS

Students enrolled in the Graduate Diploma in Comparative Literature must successfully complete the following requirements:

1. A mandatory **three-credit course** on the history of comparative and world literature : **Humanities 6157 3.0: Comparative and World Literature Seminar: History and Practice/Same as English 6157 3.0 and Translation 6157 3.0**. This course is in addition to the requirements of the student's MA or PhD degree.
2. A capstone **graduate diploma research paper**, elaborated under the supervision of a professor with specialization in the topic to be explored, and submitted to a second reader. This paper further develops expertise in comparative literature and requires that students

demonstrate the interdisciplinary research and critical skills acquired throughout their Graduate Diploma in Comparative Literature studies. This is also an additional requirement.

3. One course in cultural theory (**three or six credits**), to be chosen among the offerings of the graduate programs at York University and approved by the student's supervisor and the Humanities Graduate Program Director. This course can count as one of the student's degree requirements.
4. Three research papers completed in conjunction with the coursework required by their programs that have clearly comparative cultural content; or a major research paper, thesis, or dissertation with an approach relevant to comparative literature, to be approved by the student's supervisor.
5. It is highly recommended but not required that students complete a study period, research stay or an internship of at least one semester in a country where English is not the main language of communication. York International has a large number of exchange agreements, summer programs and internships that are available to graduate students:
<http://yorkinternational.yorku.ca/go-global>
6. Demonstrated academic competence in two languages other than English. Language competence is the responsibility of the supervisor and must be carried out according to methods appropriate to both the language and the subject matter in question. Students' language competence is assessed in one of the following ways, as agreed with their supervisor:
 - a) satisfactory completion of an intermediate level graduate language course;
 - b) completion of a university level language course at the second year or above with a 'B' grade;
 - c) satisfactory completion of a translation examination, involving the translation of a substantive excerpt from a text relevant to the student's program of study in a two hour period with the aid of a dictionary, and evaluated by two faculty members with competence in the language;
 - d) satisfactory completion of at least one year of full-time study in a language other than English at an accredited university;
 - e) or, for students from non-English speaking backgrounds, a certificate of completion for high school, or the equivalent, for which the official language of instruction was other than English;
 - f) students who require oral competence in a language for their research can instead meet their language requirement through an oral examination. They must demonstrate competence in a language through a one-hour oral examination with a fluent speaker.

Upon satisfactory completion of both the diploma and degree requirements, the diploma is normally awarded concurrently with the MA or PhD.

For more information, contact the Graduate Program in Humanities, York University, 4700 Keele Street, Toronto, Ontario, M3J 1P3; gpahuma@yorku.ca.

GRADUATE DIPLOMA IN DEMOCRATIC ADMINISTRATION

This program of study allows students in appropriate graduate programs at York University to specialize formally in the area of democratic administration, and to be awarded a Graduate Diploma in Democratic Administration. The diploma is awarded concurrently with the master's or doctoral degree for which the student is registered. For those students who successfully complete both the degree and diploma, the diploma is noted on the student's transcript and awarded at the convocation at which the degree is awarded or at the subsequent convocation. Students can only receive the diploma if they successfully complete the degree program. The diploma aims to equip students with both the analytical and practical insights needed to help build more democratic and responsive institutions. The diploma is geared to both new and returning students who aspire to leadership positions in popular sector institutions, from trade unions and non-profitable charities, to state administration and quasi-governmental organizations.

Each student is exposed to an in-depth analysis of the parameters which constrain collective institutions and the state, with the goal of ensuring that students are able to both elaborate and critically evaluate policies across a broad range of social and economic issues. Equally important, in keeping with the democratic thrust of the program, students explore alternative methods of policy formation and implementation. Developing techniques for the empowerment of constituencies, usually relegated to client status or perfunctory consultation, is an integral part of the practical, administrative dimensions of the program.

ADMISSION REQUIREMENTS

Candidates for the diploma must first be admitted to the Faculty of Graduate Studies as candidates for a master's or doctoral degree in one of the participating graduate programs. Candidates formally register for the diploma following registration for their degree program, at the time they define their program of studies. The diploma is an interdisciplinary one, open to students in any relevant graduate program including, for example, Environmental Studies, Law, Political Science and Sociology.

DIPLOMA REQUIREMENTS

Students must complete the program requirements of the degree for which they are registered. In order to receive the Graduate Diploma in Democratic Administration, each student must also satisfy the following requirements:

1. For all students except those master's students registered with the Faculty of Environmental Studies:
 - a) write a major research paper, thesis or dissertation on a topic related to democratic administration approved by the Chair of the Executive Committee of the Graduate Diploma in Democratic Administration (the Executive Committee will consist of the Graduate Program Director of Political Science (ex officio), the Coordinator of the Specialized Honours Program in Public Policy and Administration (normally the Chair), the course instructor for the Democratic Administration core course, plus two other members of the Faculty of Graduate Studies appointed annually by the permanent members of this committee); and
 - b) successfully complete **Political Science 6155 3.0: Democratic Administration** (core course), the required course for all students registered for the diploma. This course will be open to students outside of the Graduate Program in Political Science who are accepted for this graduate diploma. This course is not an additional requirement over and above regular degree requirements for MES students.
2. For master's students registered with the Faculty of Environmental Studies:
 - a) write a research paper beyond the normal degree requirements on a topic related to democratic administration approved by the Chair of the Executive Committee of the Graduate Diploma in Democratic Administration. (The Executive Committee will consist of the Graduate Program Director of Political Science (ex officio), the Coordinator of the Specialized Honours Program in Public Policy and Administration (normally the Chair), the course instructor for the Democratic Administration core course, plus two other members of the Faculty of Graduate Studies appointed annually by the permanent members of this committee.); and,
 - b) successfully complete **Political Science 6155 3.0: Democratic Administration** (core course), the required course for all students registered for the graduate diploma. This course will be open to students outside of the Graduate Program in Political Science who are accepted for this graduate diploma. This course is not an additional requirement over and above regular degree requirements for MES students.

For more information, contact Professor Barbara Cameron, Graduate Diploma Coordinator, 613 Kaneff Tower, York University, 4700 Keele Street, Toronto, Ontario, Canada, M3J 1P3; (416) 736-2100, extension 66623; barbarac@yorku.ca .

GRADUATE DIPLOMA IN EARLY CHILDHOOD EDUCATION

The Graduate Diploma in Early Childhood Education gives formal recognition to those graduate students who have undertaken concentrated research and study concerning the education of young children (birth to age eight).

The graduate diploma is offered in two ways:

Concurrent (Option A): The requirements for the Graduate Diploma in Early Childhood Education are completed concurrently with a master's or doctoral degree. This is referred to as a "type 2" diploma.

Direct-entry (Option B): The Graduate Diploma in Early Childhood Education can be completed as a stand-alone non-degree diploma. This is referred to as a "type 3" diploma.

ADMISSION REQUIREMENTS

Both concurrent and direct-entry graduate diploma candidates must apply to and be accepted as students in the Graduate Program in Education - Language, Culture and Teaching. Admission requirements are the same as for the MEd and PhD programs.

For application deadlines, please consult the Graduate Admissions website:

<http://futurestudents.yorku.ca/graduate/programs/>.

DIPLOMA REQUIREMENTS

Concurrent (Option A) – Type 2

One three-credit course must be taken in addition to those required for the completion of an MEd or PhD.

MEd course-only students must complete **27 credits** in total:

- ❖ **Education 5540 3.0: Educating Young Children/Core course**
- ❖ **three three-credit courses** from the approved course list (below)
- ❖ **plus 15 additional graduate credits** selected by the student, as required for the degree program

MEd major research project students must complete **21 credits** in total:

- ❖ **Education 5540 3.0: Educating Young Children/Core course**
- ❖ **two three-credit courses** from the approved course list (below)
- ❖ **plus 12 graduate additional credits** selected by the student, as required for the degree program

MEd thesis students must complete **15 credits** in total:

- ❖ **Education 5540 3.0: Educating Young Children/Core course**
- ❖ **two three-credit courses** from the approved course list (below)
- ❖ **plus six additional graduate credits** selected by the student, as required for the degree program

PhD dissertation students must complete **24 credits** in total:

- ❖ **Education 5540 3.0: Educating Young Children/Core course**
- ❖ **two three-credit courses** from the approved course list (below)
- ❖ **plus 15 additional graduate credits** selected by the student, as required for the degree program

Students must write their major research paper, thesis or dissertation on a topic in early childhood education as approved by the Coordinator of the Graduate Diploma in Early Childhood Education and their supervisor.

DIPLOMA REQUIREMENTS

Direct Entry (Option B) – Type 3

Students must complete **12 credits** in total:

- ❖ **Education 5540 3.0: Educating Young Children/Core course**
- ❖ **three three-credit courses** from the approved course list (below)

Approved course list:

Education 5340 3.0: Adolescent & Children's Literature

Education 5400 3.0: Education and Childhood in Canadian History

Education 5530 3.0: Emergent Literacy

Education 5535 3.0: Family Literacy

Education 5541 3.0: Studies in Childhood: Issues in Research and Representation

Education 5545 3.0: The Reggio Emilia Approach to Early Childhood Education

Education 5546 3.0: Pedagogical Documentation in Early Childhood Education

Education 5550 3.0: Play, Language and Learning

Education 5725 3.0: Critical Perspectives on the Theory and Research on the Behaviour of Young Children

Education 5845 3.0: Mathematics and Sciences Understanding in Early Childhood

With the permission of their advisor/supervisor, students may substitute up to **one three-credit course** relevant to early childhood education offered in graduate programs at York or other universities.

For more information, contact the Graduate Program in Education, 282 Winters College, York University, 4700 Keele Street, Toronto, Ontario, M3J 1P3. gradprogram@edu.yorku.ca.

GRADUATE DIPLOMA IN EDUCATION IN URBAN ENVIRONMENTS

The Graduate Diploma in Education in Urban Environments is designed to provide opportunities for graduate level study of theories and research in urban education. Included in the diploma's programming are enriched experiences for teachers to continue to develop their expertise to meet the ongoing challenges of education in a cosmopolitan city. Diversities include class, race, citizenship status, sexual orientation, religion and language, among others. Coursework within the programs may explore current theories and practices about urban spaces, issues in urban community education, and the development of group and individual identities within urban landscapes.

The diploma takes up urban education as an area of study and provides students with the critical analytic skills needed for teaching and learning in urban environments; develops students' expertise for teaching and learning in a cosmopolitan city marked by multiple aspects of diversity; and deepens students' analytic abilities to theorize the experiences of living and teaching in urban environments.

The graduate diploma is offered in two ways:

Concurrent (Option A): The requirements for the Graduate Diploma in Education in Urban Environments are completed concurrently with a master's or doctoral degree. This is referred to as a "type 2" diploma.

Direct-entry (Option B): The Graduate Diploma in Education in Urban Environments can be completed as a stand-alone non-degree diploma. This is referred to as a "type 3" diploma.

ADMISSION REQUIREMENTS

Both concurrent (type 2) and direct-entry (type 3) graduate diploma candidates must apply to and be accepted as students in the Graduate Program in Education: Language, Culture and Teaching. Admission requirements are the same as for the MEd and PhD programs.

For application deadlines, please consult the Graduate Admissions website:

<http://futurestudents.yorku.ca/graduate/programs/>

DIPLOMA REQUIREMENTS

Concurrent (Option A) – Type 2

One three-credit course must be taken in addition to those required for the completion of an MEd or PhD.

MEd course-only students must complete **27 credits** in total:

- ❖ **Education 5440 3.0: Education in Urban Contexts/Core course**
- ❖ **three three-credit courses** from the approved course list (below)
- ❖ **plus 15 additional graduate credits selected by the student, as required for the degree program**

MEd major research project students must complete **21 credits** in total:

- ❖ **Education 5440 3.0: Education in Urban Contexts/Core course**
- ❖ **two three-credit courses** from the approved course list (below)
- ❖ **plus 12 additional graduate credits selected by the student, as required for the degree program**

MEd thesis students must complete **15 credits** in total:

- ❖ **Education 5440 3.0: Education in Urban Contexts/Core course**
- ❖ **two three-credit courses** from the approved course list (below)
- ❖ **plus six additional graduate credits selected by the student, as required for the degree program**

PhD dissertation students must complete **24 credits** in total:

- ❖ **Education 5440 3.0: Education in Urban Contexts/Core course**
- ❖ **two three-credit courses** from the approved course list (below)
- ❖ **plus 15 additional graduate credits selected by the student, as required for the degree program**

Students must write their major research paper, thesis or dissertation on a topic in Education in Urban Environments as approved by the Coordinator of the Graduate Diploma in Education in Urban Environments and their supervisor.

DIPLOMA REQUIREMENTS

Direct Entry (Option B) – Type 3

Students must complete **12 credits** in total:

- ❖ **Education 5440 3.0: Education in Urban Contexts/Core course**
- ❖ **three three-credit courses** from the approved course list (below)

Approved course list:

- Education 5025 3.0: Cosmopolitanisms: Re-imagining Multiculturalism and the Question of Belonging**
- Education 5225 3.0: (de)Colonizing Research Methodologies**
- Education 5250 3.0: Practitioner Research**
- Education 5310 3.0: Literacy and Social Context**
- Education 5311 3.0: Language in the Cosmopolis**
- Education 5383 3.0: Multilingual Education**
- Education 5402 3.0: Gender, Race and Class Relations in the History of Canadian Schooling**
- Education 5420 3.0: Race, Culture and Schooling**
- Education 5421 3.0: Discourses of Race and Racist Discourses**
- Education 5435 3.0: Studies of Adolescents and Cultural Experience**
- Education 5436 3.0: Transitions, Access and the Education of New Canadians**
- Education 5449 3.0: Adult and Community Education**
- Education 5462 3.0: Current Policy Issues in Ontario Schooling**
- Education 5463 3.0: Comparative Perspectives on Global Migration and Education**
- Education 5480 3.0: Families and Schools**
- Education 5615 3.0: Education and Social Justice in Postmodernity**
- Education 5720 3.0: Disability in Society**
- Education 6205 3.0: Ethnography of Education**

Suggested courses from other graduate programs:

- Communication & Culture 6114 3.0: Communication, Culture and the City**
- English 6570 6.0: Texts and Textual Cities**
- Environmental Studies 6133 3.0: Plurality and Planning**
- Film 5240 3.0: City as Cinema: Film and City Space**
- Geography 5350 3.0: Geographic Perspectives on Immigration, Ethnicity and Race In Modern Cities**
- Theatre 6315 3.0: Performing Arts in the City**

With the permission of their advisor/supervisor, students may substitute up to **one three-credit course** relevant to Education in Urban Environments offered in graduate programs at York or other universities.

For more information, contact the Graduate Program in Education, 282 Winters College, York University, 4700 Keele Street, Toronto, Ontario, M3J 1P3. gradprogram@edu.yorku.ca.

GRADUATE DIPLOMAS IN ENVIRONMENTAL/SUSTAINABILITY EDUCATION

The Graduate Diplomas in Environmental/Sustainability Education are the only ones of their kind in Ontario. They are offered jointly by the Graduate Programs in Education and Environmental Studies.

The concurrent and stand-alone Graduate Diplomas in Environmental/Sustainability Education are designed to meet longstanding graduate student interest, and help to educate teachers in the field of environmental and sustainability education, in both the public and private education systems, and in other organizations and institutions committed to environmental and sustainability education.

The degree concurrent graduate diploma, offered in both programs, formalizes already established areas of environmental/sustainability education within doctoral and master's degrees.

The direct-entry, stand-alone graduate diploma, is offered *only* within the Graduate Program in Education. It is not offered in conjunction with a degree. This option is designed to provide opportunities for graduate level study of theory and research in environmental/sustainability education to practising teachers and school administrators, to people working in community organizations and cultural institutions, and to advocacy groups.

DEGREE CONCURRENT OPTION

Registration for the concurrent diploma occurs *after* the candidate has been admitted to the master's or doctoral degree in the Graduate Programs in Education or Environmental Studies. Any student admitted to the MEd., MES or PhD degree may register for the concurrent Graduate Diploma in Environmental/ Sustainability Education within the first year of the degree program in which they are registered, if their interest corresponds to this subject area. Admission to the graduate diploma is subject to approval by the joint Education/Environmental Studies Graduate Diploma Committee.

ADMISSION REQUIREMENTS

The requirements for admission to the Graduate Program in Education (MEd and PhD) and the Graduate Program in Environmental Studies (MES and PhD) are outlined in this Calendar.

DIPLOMA REQUIREMENTS—EDUCATION

Requirements for the concurrent graduate diploma undertaken within the Graduate Program in Education taken in conjunction with the MEd or PhD degree are as follows:

- ❖ **four half courses** in environmental/sustainability education (one half course is in addition to the course requirements for the MEd and PhD). Two of these courses are required: **Environmental Studies 6140 3.0: Environmental Education/Core course** and either **Education 5444 3.0: Education for Sustainability/Core course** or **Education 5445 3.0: Education, Sustainability and the Ecological Crisis/Core course**.

- ❖ PhD or MEd thesis or major research project on environmental/sustainability education topic.

Completion of the Intention to Graduate with the Concurrent Graduate Diploma in Environmental/Sustainability Education form must be submitted to the Graduate Program in Education administrator for the graduate diploma, for review by the Joint Graduate Diploma Committee.

DIPLOMA REQUIREMENTS—ENVIRONMENTAL STUDIES

Requirements for the concurrent graduate diploma undertaken within the Graduate Program in Environmental Studies taken in conjunction with the MES or PhD degree are as follows:

- ❖ **four half courses** in environmental/sustainability education (one half course in addition to basic MES or PhD requirements.) Two of these courses are required: **Environmental Studies 6140 3.0: Environmental Education/Core course** and either **Education 5444 3.0: Education for Sustainability/Core course** or **Education 5445 3.0: Education, Sustainability and the Ecological Crisis/Core course**.

- ❖ thesis or research project on environmental/sustainability education topic.

Completion of the Intention to Graduate with the Concurrent Graduate Diploma in Environmental/Sustainability Education form must be submitted to the Graduate Program in Environmental Studies administrator for the graduate diploma, for review by the Joint Graduate Diploma Committee. Environmental Studies students are further required to reflect their intent to graduate with the Diploma in their Plans of Study and to notify their advisor accordingly.

DIRECT ENTRY OPTION

The direct-entry graduate diploma is offered in the Graduate Program in Education only, as a sub-specialization within the field of *Language, Culture, and Teaching*. This diploma option permits part-time study.

ADMISSION REQUIREMENTS

Admission requirements for the direct-entry Graduate Diploma in Environmental/Sustainability Education are the same as requirements for entry into the MEd program (as outlined in this Calendar) with one exception: the statement of interest for direct-entry applicants must address issues in environmental/sustainability education. Normally, applicants are required to have an acceptable undergraduate degree with at least a B average. Admission to the direct-entry graduate diploma are subject to approval by the Graduate Program in Education Graduate Diploma Committee.

DIPLOMA REQUIREMENTS—EDUCATION

Requirements for the direct-entry graduate diploma in the Graduate Program in Education are:

- ❖ **five half courses** including two of the required courses **Environmental Studies 6140 3.0: Environmental Education/Core course** and either **Education 5444 3.0: Education for Sustainability/Core course** or **Education 5445 3.0: Education, Sustainability and the Ecological Crisis/Core Course**.

In addition to the two required courses, students must successfully complete **three half courses** from the approved list below.

APPROVED COURSES IN THE GRADUATE PROGRAM IN EDUCATION
Education 5370 3.0: Environmental Themes in Storytelling and First Nations Traditions

Education 5440 3.0: Urban Education

Education 5446 3.0: Ecology, Ethics and Education

Education 5464 3.0: Issues in Globalization and Education

Education 5545 3.0: The Reggio Emilia Approach to Early Childhood Education

Education 5611 3.0: 'Indigenous' Ways of Knowing

Education 5615 3.0: Education and Social Justice in Postmodernity

Education 5800 3.0: Critical Pedagogy

Education 5850 3.0: Science, Technology, and Society

APPROVED COURSES IN THE GRADUATE PROGRAM IN ENVIRONMENTAL STUDIES

Environmental Studies 5164 3.0: Environmental Economics

Environmental Studies 6150 3.0: Popular Education for Social Change, Part I

Environmental Studies 6151 3.0: Popular Education for Social Change, Part II

Environmental Studies 6149 3.0: Culture and the Environment

Environmental Studies 6153 3.0: Native/Canadian Relations

Environmental Studies 6144 3.0: Action Learning

Environmental Studies 6189 3.0: GIS Applications in Planning and Resource Management

Environmental Studies 6114 3.0: Sustainable Development for Canada

Environmental Studies 5010 3.0: Bioregional Field Course

Environmental Studies 6118 3.0: Applied Ecology

COURSES IN THE GRADUATE PROGRAM IN GEOGRAPHY

Geography 5015 3.0: Remote Sensing and Image Processing for Geographical Analysis and Environmental Monitoring

Geography 5310 3.0: Applied Transportation Geography

Geography 5350 3.0: Geographic Perspectives on Immigration, Race, and Ethnicity in Modern Cities

Geography 5360 3.0: Geographies of Globalization and Development

Geography 5370 3.0: Urban Social Policy

Geography 5410 3.0: Resource Management

Geography 5610 3.0: Biogeochemistry of Stream Ecosystem

Geography 5630 3.0: Physical Hydrology and Water Resources

Geography 5695 3.0: Fluvial Geomorphology

COURSES IN THE GRADUATE PROGRAM IN BIOLOGY

Biology 5096 3.0: Pollution, Invaders and Global Change

Biology 5097 3.0: Pollination Biology

Biology 5098 3.0: Conservation Biology

COURSES IN THE GRADUATE PROGRAM IN CHEMISTRY

Chemistry 5710 3.0: Chemistry of the Natural and Polluted Atmosphere

Chemistry 5720 3.0: Transport and Chemistry of Atmospheric Trace Gases

With the permission of the graduate diploma coordinator, students may substitute up to **one three-credit course** relevant to Environmental/Sustainability Education offered in graduate programs at York or other universities.

For more information, contact the Graduate Program in Education, 282 Winters College, York University, 4700 Keele Street, Toronto, Ontario, M3J 1P3; gradprogram@edu.yorku.ca.

GRADUATE DIPLOMA IN GERMAN & EUROPEAN STUDIES

ADMISSION REQUIREMENTS

York University's Graduate Diploma in German & European Studies is open to graduate students who are enrolled in an MA or PhD program in fields such as International Business, Economics, Education, Environmental Studies, Film, History, Humanities, Law, Linguistics, Political Science, Sociology, and Social & Political Thought.

The diploma offers the opportunity to:

- ❖ develop expertise in the interdisciplinary field of German and European Studies;
- ❖ exchange ideas with students and professors in the humanities, social sciences, and professional faculties;
- ❖ receive mentoring in academic research and professional skills from leading scholars;
- ❖ obtain hands-on experience through study, research, or internships in Europe; and,
- ❖ present their work at national and international conferences and research colloquia.

DIPLOMA REQUIREMENTS

In addition to completing relevant courses successfully, Graduate Students must:

- a) write a major research paper, thesis or dissertation on a topic relevant to the Centre's mandate and approved by the Graduate Diploma Coordinator;

- b) participate in the Centre's annual Summer Seminar (**German & European Studies 6000.03: Topics in Germany in the New Europe**; OR **German & European Studies 6010.03: Topics in German Cultural Studies in the European Context**) or an equivalent course;
- c) participate in the Graduate Research Colloquium (while a requirement for the graduate diploma, this colloquium is not graded and carries no course credit);
- d) develop and demonstrate a knowledge of German appropriate to their speciality and level or another European language (other than English); and,
- e) successfully complete a study period/research stay or an internship of one semester (at least six weeks) in Germany or in other European countries. Students may receive credit for such courses according to accepted practice at York.

Students studying abroad within the framework of a Graduate Diploma in German & European studies are eligible to apply for additional financial aid.

Students at either level may take, for appropriate credit as determined by the Coordinator of the graduate diploma and the Graduate Program Director of the degree program, relevant courses at the Université de Montréal.

For more information, contact gddes@yorku.ca.

GRADUATE DIPLOMA IN HEALTH PSYCHOLOGY

The Graduate Diploma in Health Psychology answers the identified need among students who are looking for more focus on the role between health and behaviour in their studies. It is an interdisciplinary program that offers Doctoral students in the Graduate Programs in Psychology and in Kinesiology & Health Science specialized research training in health psychology.

ADMISSION REQUIREMENTS

All candidates for the Graduate Diploma in Health Psychology must first be admitted as Doctoral students in the Graduate Program in Psychology or the Graduate Program in Kinesiology & Health Science.

DIPLOMA REQUIREMENTS

Graduate Diploma in Health Psychology students must successfully complete the following requirements:

1. Dissertation Topic

Completion of a PhD dissertation in a health psychology topic.

2. Research Projects

Two major health psychology research projects in addition to the PhD dissertation.

3. Coursework

- a) At least two graduate level health psychology half courses or one full year course
- b) At least one biomedical half course relevant to the student's research (e.g., anatomy, physiology, neuroscience)

4. Graduate Diploma in Health Psychology - Seminars

Successful completion of two **1.5 credit** courses: **Psychology 6456 1.5: Graduate Diploma in Health Psychology - Seminar 1** and **Psychology 6457 1.5: Graduate Diploma in Health Psychology - Seminar 2**. The seminars combine a 'brown-bag' format with support for graduate diploma program students both academically and professionally. The seminars must be attended for any two years over the course of the student's program of study.

For more information, contact the Graduate Program in Psychology, (416) 736-5290, gradpsyc@yorku.ca ; or the Graduate Program in Kinesiology & Health Science, (416) 736-5728, kahs@yorku.ca .

GRADUATE DIPLOMA IN INTERNATIONAL & SECURITY STUDIES

The Graduate Diploma in International & Security Studies provides master's and doctoral students the opportunity to specialize in the area of international and security studies, and to have this specialization noted on their transcripts.

The graduate diploma is awarded concurrently with the master's or doctoral degree for which the student is registered. All requirements for the graduate diploma and relevant degree, either master's or doctoral, must be fulfilled before the graduate diploma is awarded.

For more information, contact the Graduate Diploma Coordinator at secdipcd@yorku.ca. Alternatively, any staff member in the Graduate Program in Political Science can be contacted (see <http://political-science.gradstudies.yorku.ca/contact-us>). The mailing address is: Graduate Program in Political Science, York University, 637 South Ross Building, 4700 Keele Street, Toronto, Ontario, Canada, M3J 1P3; or call (416) 736-2100, extension 88825.

ADMISSION REQUIREMENTS

All candidates for the graduate diploma must first be admitted to a graduate program at York University. They may register for the graduate diploma once their master's or doctoral program of study has been clearly defined, normally before the course work has been completed.

DIPLOMA REQUIREMENTS

1. Students must successfully complete **two graduate courses**

relevant to international & security studies:

Political Science 6086 3.0: Power and Violence

Political Science 6225 3.0: Critical Security Studies

Political Science 6275 3.0: Ethnonationalist Conflicts and World Politics

Political Science 6515 3.0: The Making of the Modern Middle East: Politics, States and Societies

Social Anthropology 5145 3.0: Critical Approaches to Gender, Displacement and Mobility

Disaster & Emergency Management 5060 3.0: Terrorism Studies I

Environmental Studies 5070 3.0: Extraction and Its Discontents

Public & International Affairs 6314 3.0: The Environmental Crisis: International and Public Policy Implications

Any other course from any graduate program that has been approved by the Graduate Diploma Coordinator. Approval will require that the course be relevant to the aims of the Graduate Diploma in International & Security Studies.

❖ *Note: Not all of the designated courses may be offered in any one year.*

2. Students must successfully complete at least one half-course at the graduate level, above and beyond the requirements of the master's or doctoral program in which the student is registered. This requirement may be satisfied by one of the courses from regulation 1 above.
3. Students must prepare a research paper on a subject approved by the Coordinator of the Graduate Diploma in International & Security Studies. It must fall within a research theme bearing on international and security studies. This paper will not count towards the student's master's or doctoral program or towards the

additional half course required for the graduate diploma. This paper must be submitted to the Graduate Diploma Coordinator, who may, depending on its content, send it out for additional review by a relevant York University faculty member. For the purposes of the graduate diploma, in order for the paper to be accepted, it must be deemed by the Coordinator - and any reviewers - to be of a standard that is equivalent to a working paper.

4. In addition to the research paper for the graduate diploma (item 3 above), students must write a major research paper, thesis or dissertation, supervised by a member of the Faculty of Graduate Studies affiliated with the graduate diploma, on a topic approved by the Graduate Diploma Coordinator. The topic must fall within a research theme relevant to international and security studies.

❖ *Note: This paper normally serves as the major research paper, thesis, or dissertation used to fulfill the requirement of the master's or doctoral program in which the student is registered.*

GRADUATE DIPLOMA IN JEWISH STUDIES

GRADUATE DIPLOMA IN ADVANCED HEBREW & JEWISH STUDIES

The Israel and Golda Koschitzky Centre for Jewish Studies at York University was established in 1989. One of the first universities in Canada to develop offerings in modern Hebrew and in many other areas of Jewish Studies as early as 1968, York now offers the largest Jewish Studies program in Canada. Many of the more than sixty faculty members affiliated with the Centre are well known internationally. While embracing Jewish culture in all its richness, and giving full weight to classical Jewish Studies, the Centre has a distinctly modern and interdisciplinary thrust and a strong Canadian core. The graduate diplomas offered by the Koschitzky Centre for Jewish Studies ground graduate students in the current state of scholarship in the many fields and disciplines that comprise Jewish studies, providing exposure to Jewish cultures, contexts, and concepts. The Centre offers scholarship endowments for graduate students, some of which are tenable for study in Israel.

GRADUATE DIPLOMA IN ADVANCED HEBREW & JEWISH STUDIES

The program of study allows students enrolled in a graduate program at York University to specialize formally in Jewish Studies and to be awarded a Graduate Diploma in Jewish Studies by the Faculty of Graduate Studies upon completion of all degree and diploma requirements.

The graduate diploma is intended to give recognition to those students who have undertaken a concentrated research and study program in the area of Jewish Studies. It is designed to provide students with interdisciplinary Jewish Studies methodologies. The Diploma is of special interest to students engaged in research in Jewish education, culture, and history, and on Israel and international relations.

The graduate diploma will be earned concurrently with the master's or doctoral degree program for which a student is registered. For those students who successfully complete both the degree program and the graduate diploma, the diploma is noted on the student's transcript and awarded at the convocation at which the degree is awarded. According to Faculty of Graduate Studies policy, this graduate diploma cannot be earned independently of a degree.

ADMISSION REQUIREMENTS

Candidates for the graduate diploma must first be admitted to the Faculty of Graduate Studies as candidates for a master's or doctoral degree in any of the existing graduate programs at York University.

Candidates formally register for the Diploma following registration in the degree program at the time they define their program of study. Application is made to the Graduate Diploma Coordinator, Koschitzky Centre for Jewish Studies.

DIPLOMA REQUIREMENTS

In addition to fulfilling the program or Faculty requirements, students must satisfy the following requirements in order to receive the Diploma:

1. Research

A major research paper, thesis, or dissertation on a topic approved by the coordinator of the graduate diploma. It is expected that the main supervisor will be a member of the Faculty of Graduate Studies in the student's program who is affiliated with the Graduate Diploma in Advanced Hebrew & Jewish Studies. This paper normally serves as the major research paper, thesis, or dissertation used to fulfill the requirement of the master's or doctoral program in which the student is registered.

2. Language

Competence in Hebrew appropriate to the particular field as established by examinations set by the graduate diploma coordinator is required. In some circumstances, students will be required to demonstrate competence in Yiddish, Ladino, or Judaeo-Arabic as well as Hebrew. In rare cases, where appropriate, they may be allowed to substitute Yiddish, Ladino, or Judaeo-Arabic for Hebrew.

3. Israel Study

PhD students will be expected to spend the equivalent of two semesters in Israel doing course work or supervised fieldwork usually affiliated with an Israeli university. Master's students will be expected to spend the equivalent of one semester in Israel doing course work or supervised fieldwork usually affiliated with an Israeli university. Exceptions to this requirement will be made at the discretion of the graduate diploma coordinator.

4. Courses

Two half courses in Jewish Studies, either in the form of reading courses or courses from a list approved by the graduate diploma coordinator. Graduate courses at an Israeli university may be accepted in fulfillment of this requirement. The two half courses may be counted towards the coursework required for the degree.

5. Graduate Seminar

Jewish Studies 6000 3.0: Seminar in Jewish Studies. An introduction to Jewish Studies which offers a thematic and methodological survey of the field.

Open only to students in the Diplomas in Jewish Studies and Advanced Hebrew & Jewish Studies.

Students must successfully complete **Jewish Studies 6000 3.0: Seminar in Jewish Studies**. This requirement is an addition to work required for the degree. The seminar meets for a total of 36 hours, over the summer and the fall/winter terms. Students complete a research paper which may serve as a basis for the major research paper.

The Seminar is an interdisciplinary, half course (**three credits**), open only to candidates for the Diploma. Students explore the problematics of the question, "What is Jewish Studies?", focusing on the historical development and contemporary dimensions of the field through an interdisciplinary, integrating perspective. Through a series of presentations, students will have the opportunity to meet York faculty engaged in different areas of Jewish Studies research. Students are expected to present their own works in progress, as they work toward the completion of their seminar paper.

Generally, students working on a master's degree would take the Seminar in Jewish Studies in their first year and their work in Israel in the second year of their program. Alternative timetables are possible, if approved by the graduate diploma coordinator.

Students working on their PhD degree may choose the best time to fulfil the graduate diploma requirements subject to the approval of graduate diploma coordinator.

STUDENT SUPPORT

Limited scholarships may be available through the Koschitzky Centre for Jewish Studies for study in Israel to fulfil the Diploma requirements.

GRADUATE DIPLOMA IN JEWISH STUDIES

The Graduate Diploma in Jewish Studies is of interest to lay and professional leaders in the Jewish community, to teachers and administrators in Jewish schools and to those with an interest in Jewish Studies who do not wish to earn a formal graduate degree. The graduate diploma provides an intellectual grounding for their activities and give them the information needed to put their leadership, teaching, and interests into a broader context.

This is a graduate diploma for students who meet the requirements outlined below. This graduate diploma is not additional to a master's or doctoral degree. It is offered and granted by the Faculty of Graduate Studies in conjunction with the Koschitzky Centre for Jewish Studies. Students are admitted directly into the diploma.

Students may fulfil the requirements of the graduate diploma through part-time study. Diploma requirements must be completed within four years of enrolment.

ADMISSION REQUIREMENTS

Candidates for the graduate diploma must be eligible for admission to the Faculty of Graduate Studies and must be accepted by an admissions committee composed of the graduate diploma coordinator and faculty members affiliated with the Koschitzky Centre for Jewish Studies who are also members of the Faculty of Graduate Studies. Requirements for admission are a B average in the last two years of academic work or equivalent qualifications such as community or professional experience. Mature students with community or professional experience will be able to draw on their expertise to make a unique contribution both to class discussion and to scholarship in the field.

Applications should be submitted by April 15th each year.

DIPLOMA REQUIREMENTS

1. Research

Students must write two research papers supervised by a member of the Faculty of Graduate Studies affiliated with the Graduate Diploma in Jewish Studies, on topics approved by the Diploma Coordinator. One of these papers may be done in conjunction with the Seminar in Jewish Studies; the other must be in addition to courses taken.

2. Language

Students must demonstrate basic general competence in Hebrew as established by examinations set by the graduate diploma coordinator.

In rare cases, where appropriate, students may be allowed to substitute Yiddish, Ladino, or Judaeo-Arabic for Hebrew.

The graduate diploma requires and ensures that students have language competence appropriate to this program of study. York University has a full range of Hebrew language courses to which students in the Diploma will have access as special students. Courses taken for language competence do not count towards the diploma.

3. Courses

Students take two half courses in Jewish Studies, either in the form of reading courses or courses from a list approved by the Diploma Coordinator. One graduate course from another university may be accepted in fulfillment of this requirement, if approved by the Faculty of Graduate Studies and the Diploma Coordinator.

4. Jewish Studies Graduate Seminar

Students take **Jewish Studies 6000 3.0: Seminar in Jewish Studies**.

The Seminar in Jewish Studies serves as an introduction to Jewish Studies, offering students a thematic and methodological survey of the field. The seminar meets for a total of 36 hours, over the summer and the fall/winter terms.

The seminar is an interdisciplinary, half course (**three credits**), open only to candidates for the Diploma. Students explore the problematics of the question, "What is Jewish Studies?" focusing on the historical development and contemporary dimensions of the field through an interdisciplinary, integrating perspective. Through a series of presentations, students have the opportunity to meet York faculty engaged in different areas of Jewish Studies research. Students are expected to present their own works in progress, as they work toward the completion of their seminar paper.

STUDENT SUPPORT

Some students may be eligible for fellowships to study in Israel as part of their graduate diploma studies.

CONTACT INFORMATION

For more information, please contact:

Professor Sara Horowitz, Graduate Diploma Coordinator
Koschitzky Centre for Jewish Studies, 763 Kaneff Tower, York University, (416) 736-5823; fax: (416) 736-5344; srh@yorku.ca .

GRADUATE DIPLOMA IN JUSTICE SYSTEM ADMINISTRATION

The Graduate Diploma in Justice System Administration's program of study allows students in appropriate graduate programmes at York University to specialize formally in the area of Justice System Administration, and to be awarded a Graduate Diploma in Justice System Administration. The graduate diploma is awarded concurrently with the master's or doctoral degree for which the student is registered. For those students who successfully complete both the graduate degree and graduate diploma, the graduate diploma is noted on the student's transcript and awarded at the subsequent convocation. Students can only receive the graduate diploma if they successfully complete their graduate degree program. The graduate diploma aims to equip students with both the analytical and practical insights needed to help administer justice system programmes fairly, responsively and effectively. The graduate diploma's program of study is geared to students who aspire to leadership positions in the justice system.

Each student is exposed to an in-depth analysis of the literature on judicial administration in Canada, with relevant comparisons to other related jurisdictions. In addition, students are exposed to a related body of literature on law and public administration, and students without substantial managerial experience in the justice system complete a twelve-week work placement that involves at least 100 hours of work.

ADMISSION REQUIREMENTS

Candidates for the graduate diploma must first be admitted to the Faculty of Graduate Studies as candidates for a master's or doctoral degree in one of the participating graduate programmes. Candidates formally register their intention to complete the graduate diploma with the graduate diploma co-ordinator following registration for their degree programme, at the time they define their program of study.

The Graduate Diploma in Justice System Administration is interdisciplinary, open to students in any relevant graduate programme including, for example, Law, Public Policy Administration & Law, Political Science, Business Administration, International Business Administration, Socio-Legal Studies, and Sociology.

DIPLOMA REQUIREMENTS

Students must complete the programme requirements of the degree for which they are registered. In order to receive a Graduate Diploma in Justice System Administration, each student must also satisfy the following requirements:

1. Successfully complete **Public Policy, Administration & Law 6140 3.0/Law 6719 3.0: Court Organization and Management**. Where available, the course may be taken by videostream either live, or by watching the videostream of the class within six days of each weekly class, and participating in a moodle forum discussion.

For all students except those master's students registered with the Schulich School of Business or the Faculty of Environmental Studies, **Public Policy, Administration & Law 6140 3.0: Court Organization and Management** is an additional requirement, over and above regular degree requirements, and may not be counted toward the course requirements for the master's or doctoral degrees. For graduate diploma students registered in graduate programs

in the Schulich School of Business or the Graduate Program in Environmental Studies, graduate diploma students must write a research paper beyond the normal degree requirements on a topic related to justice system administration approved by the Graduate Diploma Coordinator.

2. Successfully complete one of the following courses: **Public Policy, Administration & Law 6100 3.0: Canadian Public Law**, or **Political Science 5601 3.0: Systems of Justice**, or **Political Science 5110 3.0: Judicial Administration in Canada**, or **Public Administration 6200 3.0/Political Science 6120 3.0: Canadian Public Law** or **Public Administration 6210 3.0/Law 3570 3.0: Public Administration and the Law**, or another graduate course related to the study of law and the justice system approved by the Graduate Diploma Coordinator. For graduate students in the Faculty of Law, any of their degree courses count toward this requirement.

3. Students pursuing the Graduate Diploma in Justice System Administration while pursuing a master's degree program that requires a major research paper must choose a topic for their major research paper that is related to justice system administration and approved by the Graduate Diploma Coordinator. Students pursuing the Graduate Diploma in Justice System Administration while pursuing a master's requiring a thesis or a PhD must choose a topic for their thesis or dissertation that is related to justice system administration and approved by the Graduate Diploma Coordinator. Students pursuing the Graduate Diploma in Justice System Administration while pursuing a coursework master's degree must ensure that they take two three-credit courses, in addition to the six credits of Graduate Diploma in Justice System Administration courses outlined in sections 1 and 2 above, that are approved by the Graduate Diploma Coordinator as being relevant to justice system administration. Students pursuing the Graduate Diploma in Justice System Administration while pursuing an MBA or International MBA must choose a topic for their **Public Administration 6100 3.0** or **Management 6100 3.0** course that is related to justice system administration and is approved by the Graduate Diploma Coordinator.

4. Work Placement: the work placement consists of a minimum 12 week, full-time, non-credit internship in an organization in the justice system or in an organization where management skills relevant to justice system administration may be developed. Students must work at least 100 hours in their internship. Students who have worked in the justice system for 12 weeks or more are exempt from this requirement. All placements must be approved by the Graduate Diploma Coordinator. All students are required to write a concise report on their placement experience and this report must be approved by the Graduate Diploma Coordinator. In exceptional circumstances, suitably qualified students may substitute an original research paper for the work placement with the permission of the Graduate Diploma Coordinator. In this case, the research paper would not count for credit toward the graduate diploma, but would replace the work placement requirement for the graduate diploma. Such an exception might, for example, be granted in the case of a student who already has experience working in a managerial capacity in the justice system. Students are required to locate their own work placement site.

Contact the Graduate Diploma Coordinator: Richard Haigh at rhaigh@osgoode.yorku.ca.

GRADUATE DIPLOMA IN LANGUAGE & LITERACY EDUCATION

The Graduate Diploma in Language & Literacy Education invites students with an interest in language and literacy to explore what it means to develop citizens whose personal, economic, and intellectual lives are enhanced by advancing their skills in language and literacy. Course thematics include:

- ❖ oral language in classrooms
- ❖ language and literacy in contexts
- ❖ second language and multilingual education
- ❖ language and literacy as practices
- ❖ language and literacy for specific groups of learners (*e.g.*, young children, special populations)
- ❖ modalities and literacy
- ❖ children's literature
- ❖ the processes of and teaching of reading and writing.

The graduate diploma is offered in two ways:

Concurrent (Option A): The requirements for the Graduate Diploma in Language & Literacy Education are completed concurrently with a master's or doctoral degree. This is referred to as a "type 2" diploma.

Direct-entry (Option B): The Graduate Diploma in Language & Literacy Education can be completed as a stand-alone non-degree diploma. This is referred to as a "type 3" diploma.

ADMISSION REQUIREMENTS

Both concurrent (type 2) and direct-entry (type 3) graduate diploma candidates must apply to and be accepted as students in the Graduate Program in Education: Language, Culture and Teaching. Admission requirements are the same as for the MEd and PhD programs.

For application deadlines, please consult the Graduate Admissions website:

<http://futurestudents.yorku.ca/graduate/programs/>.

DIPLOMA REQUIREMENTS

Concurrent (Option A) – Type 2

One three-credit course must be taken in addition to those required for the completion of an MEd or PhD.

MEd course-only students must complete **27 credits** in total:

- ❖ **Education 5315 3.0: Frameworks for Language and Literacy Theory and Research/Core course**
- ❖ **three three-credit courses** from the approved course list (below)
- ❖ **plus 15 additional graduate credits** selected by the student, as required for the degree program

MEd major research project students must complete **21 credits** in total:

- ❖ **Education 5315 3.0: Frameworks for Language and Literacy Theory and Research/Core course**
- ❖ **two three-credit courses** from the approved course list (below)
- ❖ **plus 12 additional graduate credits** selected by the student, as required for the degree program

MEd thesis students must complete **15 credits** in total:

- ❖ **Education 5315 3.0: Frameworks for Language and Literacy Theory and Research/Core course**
- ❖ **two three-credit courses** from the approved course list (below)
- ❖ **plus six additional graduate credits** selected by the student, as required for the degree program

PhD dissertation students must complete **24 credits** in total:

- ❖ **Education 5315 3.0: Frameworks for Language and Literacy Theory and Research/Core course**
- ❖ **two three-credit courses** from the approved course list (below)
- ❖ **plus 15 additional graduate credits** selected by the student, as required for the degree program

Students must write their major research paper, thesis or dissertation on a topic in Language & Literacy Education as approved by the Graduate Diploma Coordinator of Language & Literacy Education and their supervisor.

DIPLOMA REQUIREMENTS

Direct Entry (Option B) – Type 3

Students must complete **12 credits** in total:

- ❖ **Education 5315 3.0: Frameworks for Language and Literacy Theory and Research/Core course**
- ❖ **three three-credit courses** from the approved course list (below)

Approved course list:

Education 5300 3.0: Oral Language Learning in the Classroom

Education 5310 3.0: Literacy as Social Practice

Education 5311 3.0: Language in the Cosmopolis: Theory and Method

Education 5320 3.0: Reading, Writing and Critical Literacy

Education 5330 3.0: Reading Theories—A Critical Analysis

Education 5340 3.0: Adolescent and Children's Literature

Education 5341 6.0: Children's Literature: Approaches and Issues

Education 5360 6.0: African-American Literature

Education 5370 3.0: Indigeneity and Territory in Cultural Traditions

Education 5380 3.0: Second Language Instruction

Education 5381 3.0: Reading and Writing in a Second Language: Theory to Practice

Education 5382 3.0: Listening and Speaking in a Second Language; Theory to Practice

Education 5383 3.0: Multilingual Education

Education 5385 3.0: Multimodal Literacies

Education 5520 3.0: Teaching Writing

Education 5521 3.0: Research on Writing

Education 5525 3.0: The Act of Writing

Education 5527 3.0: Creative Writing Pedagogy

Education 5530 3.0: Emergent Literacy

Education 5535 3.0: Family Literacy

Education 5550 3.0: Play, Language and Learning

Education 5730 3.0: Issues in Language and Literacy Education for Special Populations

With the permission of their advisor/supervisor, students may substitute up to **one three credit course** relevant to Language & Literacy Education offered in graduate programs at York or other universities.

For more information, contact the Graduate Program in Education, 282 Winters College, York University, 4700 Keele Street, Toronto, Ontario, M3J 1P3. gradprogram@edu.yorku.ca.

GRADUATE DIPLOMA IN LATIN AMERICAN & CARIBBEAN STUDIES

York University offers formal accreditation at the graduate level of specialized knowledge about Latin America and the Caribbean. This is accomplished through the Graduate Diploma, which was established in 1986.

SPECIAL FACILITIES

In addition to the facilities normally available to graduate students, diploma candidates may use the Documentation Centre and other facilities at the Centre for Research on Latin America and the Caribbean including subscriptions to the LACYORK and GRADLAC listservs. There are regular graduate student seminars and students in the program are welcome to attend any of the Centre for Research on Latin America and the Caribbean seminars and workshops. There are also several informal gatherings every year.

ADMISSION REQUIREMENTS

To register for the diploma, a student must first be admitted to a graduate degree program (master's or doctoral) at York University. Formal registration in the diploma normally takes place once a student's program of study has been clearly defined. Application to enter is made to the Graduate Diploma Coordinator.

SUPERVISION

A three-person committee, whose members are drawn from the list of affiliated graduate faculty members, advises each candidate and certifies that all diploma requirements have been satisfied.

DIPLOMA REQUIREMENTS

1. Language

A working knowledge of Spanish, Portuguese or another language other than standard English needed for research in the region.

2. Course Work and Research Paper(s)

A combination of two courses and/or research papers on Latin American or Caribbean-related topics accepted by the candidate's supervisor. One of these could be the candidate's thesis. The research papers must be written outside of courses being counted toward this requirement. These papers and/or coursework must be done at York University concurrently with the candidate's graduate degree.

3. Experience in the Region

Personal experience for a period of at least two months, beyond simple tourism, in Latin America or the Caribbean.

4. Breadth of Knowledge

Breadth of knowledge in the region beyond what may be inferred from a reading of the candidate's research papers or course work

This requirement may be satisfied in one of two ways:

- a) an oral exam based on a reading list approved in advance by the candidate's supervisor; or,
- b) a third research paper or course on a LAC-related topic different from those satisfying item 2 above. Any research paper counted towards this requirement must be written outside of any courses being counted towards the Course Work and/or Research Paper(s) requirement.

5. Participation in CERLAC colloquia and related activities

Participation in ten CERLAC colloquia and related activities during the candidate's graduate tenure. The candidate must provide written commentary on at least five of these events. The written commentaries must be submitted to the candidate's supervisor for approval.

Upon satisfactory completion of both the diploma and degree requirements, the diploma is normally awarded concurrently with the master's or doctoral degree.

For more information, contact CERLAC, York University, 825 Kaneff Tower, 4700 Keele Street, Toronto, Ontario, M3J 1P3; (416) 736-5237; cerlac@yorku.ca .

GRADUATE DIPLOMA IN LAW FOR LAW ENFORCEMENT PROFESSIONALS

The Graduate Diploma in Law for Law Enforcement Professionals is the only program of its kind in Canada. Designed and co-taught by law enforcement professionals, this innovative program focusses on the substantive law issues—as contrasted with the legal procedural issues—confronting policing professionals in their day-to-day work.

This flexible, part-time program is designed to meet the needs of all professionals working in the sector. The program is delivered in small group seminars over a two-year period. There is one two-day in-person requirement at the on-set of the program for Policing and the Charter. The remainder of the program's courses are evening courses which students can participate in in-person or remotely via video conferencing.

ADMISSION REQUIREMENTS

To be eligible for admission, an applicant must normally meet the following criteria:

A bachelor's degree with a minimum overall "B" (75%) average or equivalent and at least five years of relevant professional experience.

The graduate diploma program considers applicants who do not meet this requirement on the basis of significant senior related experience.

In addition, applicants whose first language is not English must meet the language requirements outlined on the Osgoode Professional Development website
<http://www.osgoodepd.ca>

DIPLOMA REQUIREMENTS

Students must complete **18 course credits** in total, including the required courses:

Law for Law Enforcement Professionals 6204 6.0: Policing and the Charter

Law for Law Enforcement Professionals 6205 3.0: Policing Vulnerable Communities

Law for Law Enforcement Professionals 6206 3.0: Police Oversight and Accountability

Law for Law Enforcement Professionals 7005 0.0: Online Legal Research and Writing Tutorial

Elective courses include

Law for Law Enforcement Professionals 6207 3.0: Legal Issues Related to Managing Law Enforcement Professionals

Law for Law Enforcement Professionals 6208 3.0: Foundations of Evidence for Law Enforcement Professionals

Select electives drawn from the LLM in Criminal Law & Procedure

For more information contact Osgoode Professional Development,
 1 Dundas Street West, 26th Floor, Toronto, Ontario, M5V 1Z3;
admissions-opd@osgoode.yorku.ca or (416) 673-4670.

GRADUATE DIPLOMAS IN MATHEMATICS EDUCATION

The Graduate Diplomas in Mathematics Education focus on mathematics education as an area of study grounded in critical examination of teaching practice, learning theories, and curriculum, and supported by analyses of sociocultural, equity, and gender issues in the teaching and learning of mathematics. The graduate diplomas are designed to provide opportunities for graduate study of theories and research in mathematics education, as well as enriched mathematical experiences, to practising teachers and administrators and to people in the community whose work involves developing mathematical literacies.

The Graduate Diplomas in Mathematics Education are jointly offered by the Graduate Program in Education and the Graduate Program in Mathematics & Statistics. The degree concurrent option is earned in conjunction with masters or doctoral studies; the direct entry option is offered as a stand-alone graduate diploma.

The graduate diplomas are offered in two ways through the Graduate Program in Education:

Concurrent (Option A): The requirements for the concurrent Graduate Diploma in Mathematics Education are completed concurrently with a master's or doctoral degree. This is referred to as a Type 2 graduate diploma.

Direct-entry (Option B): The Graduate Diploma in Mathematics Education can be completed as a stand-alone non-degree diploma. This is referred to as a Type 3 graduate diploma.

ADMISSION REQUIREMENTS

Both concurrent (Type 2) and direct-entry (Type 3) graduate diploma candidates must apply to and be accepted as students in the Graduate Program in Education: Language, Culture and Teaching. Admission requirements are the same as for the MEd and PhD programs.

The graduate diploma is offered in two ways through the MA Program in Mathematics for Teachers:

Concurrent (Option A): The requirements for the Graduate Diploma in Mathematics Education are completed concurrently with the MA Program in Mathematics for Teachers. This is referred to as a Type 2 diploma.

The concurrent (Type 2) graduate diploma candidates must apply to and be accepted as students in the MA Program in Mathematics for Teachers. Admission requirements are the same as for the MA Program in Mathematics for Teachers.

For application deadlines, please consult the Graduate Admissions website:

<http://futurestudents.yorku.ca/graduate/programs/>

DIPLOMA REQUIREMENTS

Concurrent (Option A) – Type 2

One three-credit course must be taken in addition to those required for the completion of an MEd or PhD.

MEd course-only students must complete **27 credits** in total:

❖ **two three-credit core courses:**

EITHER Education 5840 3.0/Mathematics & Statistics 5840 3.0: Mathematics Learning Environments OR Education 5841 3.0/

Mathematics & Statistics 5900 3.0: Thinking about Teaching Mathematics,

AND EITHER Education 5210 3.0/Mathematics & Statistics 5910 3.0: Quantitative Research Methods in Education OR Education 5200 3.0: Qualitative Research Methods in Education

❖ **two three-credit courses** from the approved course list (below)

❖ **plus 15 additional graduate credits** selected by the student, as required for the degree program.

MEd major research project students must complete **21 credits** in total:

❖ **two three-credit core courses:**

EITHER Education 5840 3.0/Mathematics & Statistics 5840 3.0: Mathematics Learning Environments OR Education 5841 3.0/ Mathematics & Statistics 5900 3.0: Thinking about Teaching Mathematics

AND EITHER Education 5210/Mathematics & Statistics 5910 3.0: Quantitative Research Methods in Education OR Education 5200 3.0: Qualitative Research Methods in Education

❖ **two three-credit courses** from the approved course list (below)

❖ **plus 9 additional graduate credits** selected by the student, as required for the degree program.

MEd thesis students must complete **15 credits** in total:

❖ **two three-credit core courses:**

EITHER Education 5840 3.0/Mathematics & Statistics 5840 3.0: Mathematics Learning Environments OR Education 5841 3.0/ Mathematics & Statistics 5900 3.0: Thinking about Teaching Mathematics,

AND

EITHER Education 5210/Mathematics & Statistics 5910 3.0: Quantitative Research Methods in Education OR Education 5200 3.0: Qualitative Research Methods in Education

❖ **two three-credit courses** from the approved course list (below)

❖ **plus 3 additional graduate credits** selected by the student, as required for the degree program.

PhD dissertation students must complete **24 credits** in total:

❖ **two three-credit core courses:**

EITHER Education 5840 3.0/Mathematics & Statistics 5840 3.0: Mathematics Learning Environments OR Education 5841 3.0/ Mathematics & Statistics 5900 3.0: Thinking about Teaching Mathematics,

AND EITHER Education 5210/Mathematics & Statistics 5910 3.0: Quantitative Research Methods in Education OR Education 5200 3.0: Qualitative Research Methods in Education

❖ **two three-credit courses** from the approved course list (below)

❖ **plus 12 additional graduate credits** selected by the student, as required for the degree program.

MA Program in Mathematics for Teachers students must:

1. Successfully complete: **12 credits** (three credits of which are in addition to their degree requirements) as follows:

a) **Six core credits:**

Either Education 5840 3.0/Mathematics & Statistics 5840 3.0: Mathematics Learning Environments OR Education 5841 3.0 / Mathematics & Statistics 5900 3.0: Thinking about Teaching Mathematics,

AND EITHER Education 5210/Mathematics & Statistics 5910 3.0: Quantitative Research Methods in Education OR Education 5200 3.0: Qualitative Research Methods in Education.

b) An **additional six credits** from the approved course list (see below).

2. Write a survey paper, supervised by a member of the MA program in Mathematics for teachers on a topic in mathematics education, as approved by the Graduate Diploma Coordinator.

All graduate diploma students in the MA Program in Mathematics for Teachers must write a survey paper, supervised by a member of the MA program in Mathematics for teachers **on a topic in mathematics education**, as approved by the Graduate Diploma Coordinator.

APPROVED COURSE LIST

GROUP 1

Education 5840 3.0/Mathematics & Statistics 5840 3.0: Mathematics Learning Environments;
Education 5841 3.0/Mathematics & Statistics 5900 3.0: Thinking about Teaching Mathematics;
Education 5215 3.0: Research in Mathematics Education;
Education 5845 3.0: Mathematics Understanding in the Classroom;
Education 5848 3.0: Technology and Mathematics Education
Education 5900 3.0: Directed Reading (related to mathematics education);
Education 5860 3.0: Issues in Digital Technology in Education.

GROUP 2

Mathematics & Statistics 5020 6.0/Education 5830 3.0: Fundamentals of Mathematics for Teachers;
Mathematics & Statistics 5100 6.0/Education 5831 6.0: Mathematical Literature Seminar for Teachers;
Mathematics & Statistics 5400 6.0/Education 5833 6.0: History of Mathematics for Teachers;
Mathematics & Statistics 5410 6.0/Education 5834 6.0: Analysis for Teachers;
Mathematics & Statistics 5420 6.0/Education 5836 6.0: Algebra for Teachers;
Mathematics & Statistics 5200 6.0/Education 5835 6.0: Problem Solving;
Mathematics & Statistics 5300 6.0/Education 5839 6.0: Computation in Mathematics for Teachers;
Mathematics & Statistics 5430 6.0/Education 5838 6.0: Statistics and Probability for Teachers;
Mathematics & Statistics 5450 6.0/Education 5837 6.0: Geometry for Teachers;
Mathematics & Statistics 5500 6.0/Education 5832 6.0: Topics in Mathematics for Teachers.

❖ **Note:** TO ENROL IN ANY GROUP 2 COURSE:

1. Students require permission of the instructor unless a) they have a degree in mathematics, or b) they are enrolled in the MA program in Mathematics for Teachers.

2. It is **strongly recommended** that students have completed at least **12 university level credits (two full courses)** in mathematics. For students without this background, the following two undergraduate half courses are suggested as preparation:

- ❖ Arts/Science **Mathematics 2221 3.0: Linear Algebra with Applications I**, and,
- ❖ Arts/Science **Mathematics 2222 3.0: Linear Algebra with Applications II**.

DIPLOMA REQUIREMENTS

DIRECT ENTRY (Option B) – Type 3
 Students must complete **12 credits** in total:

As a core requirement, EITHER **Education 5840 3.0/Mathematics & Statistics 5840 3.0: Mathematics Learning Environments**, OR **Education 5841 3.0: Thinking about Teaching Mathematics**.

2. **Three three-credit courses** from the approved course list (below).

❖ **Note:** *Students may count for credit only one of Education 5210 3.0/Mathematics & Statistics 5910 3.0: Quantitative Research Methods in Education OR Education 5200 3.0: Qualitative Research Methods in Education.*

APPROVED COURSE LIST

GROUP 1

Education 5840 3.0/Mathematics & Statistics 5840 3.0: Mathematics Learning Environments;
Education 5841 3.0/Mathematics & Statistics 5900 3.0: Thinking about Teaching Mathematics;
Education 5215 3.0: Research in Mathematics Education;
Education 5845 3.0: Mathematics Understanding in the Classroom;
Education 5900 3.0: Directed Reading (related to mathematics education);
Education 5860 3.0: Issues in Digital Technology in Education.

GROUP 2

Mathematics & Statistics 5450 6.0/Education 5837 6.0: Geometry for Teachers;
Mathematics & Statistics 5100 6.0: Mathematical Literature Seminar for Teachers;
Mathematics & Statistics 5200 6.0: Problem Solving;
Mathematics & Statistics 5300 6.0: Microcomputers for Teachers;
Mathematics & Statistics 5500 6.0: Topics in Mathematics for Teachers;
Mathematics & Statistics 5020 6.0: Fundamentals of Mathematics for Teachers;
Mathematics & Statistics 5400 6.0: History of Mathematics for Teachers;
Mathematics & Statistics 5410 6.0: Analysis for Teachers;
Mathematics & Statistics 5420 6.0: Algebra for Teachers;
Mathematics & Statistics 5430 6.0: Probability, Statistics and Computing for Teachers.

❖ **Note:** TO ENROL IN ANY GROUP 2 COURSE:

1. Students will require permission of the instructor unless they have a degree in mathematics.

2. It is **strongly recommended** that students have completed at least **12 university level credits (two full courses)** in mathematics. For students without this background, the following two undergraduate half courses are suggested as preparation:

- ❖ Arts/Science **Mathematics 2221 3.0: Linear Algebra with Applications I**, and
- ❖ Arts/Science **Mathematics 2222 3.0: Linear Algebra with Applications II**.

With the permission of the Graduate Diploma Coordinator, students may substitute up to two other elective half courses not on the list above but relevant to mathematics education offered in the Graduate Program in Education or the Graduate Program in Mathematics & Statistics, or other Faculty of Graduate Studies courses at York University.

For more information, contact the Graduate Program in Education: 282 Winters College, York University, 4700 Keele Street, Toronto, Ontario, M3J 1P3; gradprogram@edu.yorku.ca

GRADUATE DIPLOMA IN NEUROSCIENCE

The Graduate Diploma in Neuroscience provides York University graduate students with a well-rounded education in neuroscience, creating a solid foundation on which to base their own neuroscience research. Through coursework and the neuroscience seminar series, students meet on a regular basis with like-minded neuroscience colleagues from across the university.

ADMISSION REQUIREMENTS

Graduate Diploma in Neuroscience applicants must be admitted into the Graduate Programs in Psychology, Kinesiology & Health Sciences, Philosophy, or Biology for their master's or PhD studies. (If their graduate research involves neuroscience and they are not in one of these programs, they should contact the Graduate Diploma Coordinator.) Applicants must be incoming or current graduate student at the master's or PhD level whose thesis or dissertation is on a topic in neuroscience and is being conducted under the supervision of a core faculty member of the Graduate Diploma in Neuroscience. Applicants must submit to the steering committee a one paragraph summary of their proposed research and a letter of endorsement from their supervisor supporting the application. Students in the last year of their masters or PhD studies are not eligible to apply.

DIPLOMA REQUIREMENTS

Graduate Diploma in Neuroscience students must successfully complete the following requirements:

1. Thesis or Dissertation Topic

Successful concurrent completion of a master's thesis or PhD dissertation in the field of neuroscience under the supervision of a core faculty member.

2. Enrollment and Participation

Minimum two-year consecutive participation in the Graduate Diploma in Neuroscience.

3. Coursework

Successful completion of **two half-credit** graduate courses in neuroscience:

Kinesiology & Health Science 6155 3.0: Fundamentals of Neuroscience I: Structures, Neurons and Synapses/Same as Biology 5146 3.0 and Psychology 6257 3.0, and

Psychology 6253 3.0: Fundamentals of Neuroscience II: Circuits, Systems and Behaviour/Same as Biology 5147 3.0 and Kinesiology & Health Science 6156 3.0.

Please note that these two courses may also count towards the degree requirement of the student's graduate program.

4. Neuroscience Seminar

Attendance at all sessions of the monthly neuroscience seminar series, by both first and second year graduate diploma students. First-year graduate diploma students only are required to read monthly seminar articles, submit two questions, and meet with the speaker.

5. Neuroscience Review Paper

Successful completion of a neuroscience review paper:

- ❖ the topic must be selected in consultation with the student's supervisor;
- ❖ the main review paper approval form must be submitted
- ❖ the student must be the sole author;
- ❖ paper must be in journal format (*e.g., Nature Reviews*);
- ❖ the paper must be approximately 6000 words in length, not including references; and,
- ❖ references must be primarily to original sources and must be extensive enough to thoroughly cover the topic.

6. Research Day. Research presentation

A 10-15 minute presentation of students' own research to members of the graduate diploma, followed by a question and answer period.

For more information including how to apply to the graduate diploma, please go to:

<http://neuroscience.gradstudies.yorku.ca>

GRADUATE DIPLOMA IN POSTSECONDARY EDUCATION: COMMUNITY, CULTURE & POLICY

The Graduate Diploma in Postsecondary Education: Community, Culture and Policy invites students with an interest in the study of universities, colleges, adult and community-based education to deepen their knowledge of and research expertise in these areas. Course themes include:

- ❖ the history and philosophy of postsecondary education;
- ❖ student transitions from schooling to college, university and the world of employment;
- ❖ access, equity and the education of new Canadians;
- ❖ the student experience;
- ❖ disabilities and postsecondary education;
- ❖ adult and community education;
- ❖ gender and postsecondary education;
- ❖ the political, economic and legal dimensions of university and college life;
- ❖ professionalization; the scholarship and practice of teaching and learning;
- ❖ the scholarship and practice of teaching and learning; and,
- ❖ the internationalization of higher education.

The graduate diploma is offered in two ways:

Concurrent (Option A): The requirements for the Graduate Diploma in Post-Secondary Education: Community, Culture & Policy are completed concurrently with a master's or doctoral degree. This is referred to as a "type 2" diploma.

Direct-entry (Option B): The Graduate Diploma in Post-Secondary Education: Community, Culture & Policy can be completed as a stand-alone non-degree diploma. This is referred to as a "type 3" diploma.

ADMISSION REQUIREMENTS

Both concurrent (type 2) and direct-entry (type 3) graduate diploma candidates must apply to and be accepted as students in the Graduate Program in Education: Language, Culture and Teaching. Admission requirements are the same as for the MEd and PhD programs.

For application deadlines, please consult the Graduate Admissions website:
<http://futurestudents.yorku.ca/graduate/programs/>.

DIPLOMA REQUIREMENTS

Concurrent (Option A) – Type 2

One three-credit course must be taken in addition to those required for the completion of an MEd or PhD.

MEd course-only students must complete **27 credits** in total:

- ❖ **Education 5412 3.0: Changing Currents in Postsecondary Education/Core course**
- ❖ **three three-credit courses** from the approved course list (below)
- ❖ **plus 15 additional graduate credits** selected by the student, as required for the degree program

MEd major research project students must complete **21 credits** in total:

- ❖ **Education 5412 3.0: Changing Currents in Postsecondary Education/Core course**
- ❖ **two half-courses** from the approved course list (below)

- ❖ **plus 12 additional graduate credits** selected by the student, as required for the degree program

MEd Thesis students must complete **15 credits** in total:

- ❖ **Education 5412 3.0: Changing Currents in Postsecondary Education/Core course**
- ❖ **two three-credit courses** from the approved course list (below)
- ❖ **plus six additional graduate credits** selected by the student, as required for the degree program

PhD Dissertation students must complete **24 credits** in total:

- ❖ **Education 5412 3.0: Changing Currents in Postsecondary Education/Core course**
- ❖ **two three-credit courses** from the approved course list (below)
- ❖ **plus additional graduate credits** selected by the student, as required for the degree program

Students must write their major research paper, thesis or dissertation on a topic in Postsecondary Education: Community, Culture and Policy as approved by the Graduate Diploma Coordinator of Postsecondary Education: Community, Culture and Policy and their supervisor.

DIPLOMA REQUIREMENTS

Direct Entry (Option B) – Type 3

Students must complete **12 credits** in total:

- ❖ **Education 5412 3.0: Changing Currents in Postsecondary Education/Core course**
- ❖ **three three-credit courses** from the approved course list (below)

Approved course list:

- Education 5205 3.0: Policy Research in Education**
- Education 5230 3.0: Textual Analysis in Education**
- Education 5409 3.0: Policy Issues in Postsecondary Education**
- Education 5410 3.0: History of Higher Education in Canada**
- Education 5416 3.0: Globalisation and Comparative Higher Education**
- Education 5417 3.0: Internationalization of Higher Education**
- Education 5436 3.0: Transitions, Access, and the Education of New Canadians**
- Education 5449 3.0: Adult and Community Education**
- Education 5451 3.0: Women in Higher Education**
- Education 5455 3.0: Students Experiences and Outcomes in Colleges and Universities**
- Education 5461 3.0: Sociology of Professional Education**
- Education 5715 3.0: Students with Disabilities in Postsecondary Education**
- Education 5860 3.0: Issues in Digital Technology in Education**
- Education 5930 3.0: Engaged Scholarship: Using Knowledge Mobilization to Bridge the Gap Between Academia, Policy and Practice**

With the permission of their advisor/supervisor, students may substitute up to **one three-credit course** relevant to Postsecondary Education: Community, Culture and Policy offered in graduate programs at York or other universities.

For more information, contact the Graduate Program in Education, 282 Winters College, York University, 4700 Keele Street, Toronto, Ontario, M3J 1P3. gradprogram@edu.yorku.ca.

GRADUATE DIPLOMA IN PROFESSIONAL ACCOUNTING

The Graduate Diploma in Professional Accounting is offered as a stand-alone graduate diploma for students who have completed their accounting studies in the School of Administrative Studies. The graduate diploma is designed for direct entry into the Capstone 1 module of the Chartered Professional Accountants' Professional Education program (the CPA PEP program) and it is accredited by CPA Ontario.

The Graduate Diploma consists of five mandatory courses which have been designed to build on the curriculum of the undergraduate Bachelor of Administrative Studies (BAS) Specialized Honours Accounting Stream to align with the content of the four elective modules of the CPA PEP program. Accordingly, there is one course in each of the four elective areas: one each in performance measurement, assurance, tax, and finance, and a capstone course in integrative analysis. These five courses build on the accounting stream's undergraduate curriculum to further develop the six technical competencies and five enabling competencies described in the CPA Competency Map. With coverage of all four elective areas, graduates have more opportunities and choice as they move on in their careers as professional accountants.

ADMISSIONS REQUIREMENTS

The Graduate Diploma in Professional Accounting is open to School of Administrative Studies graduates who wish to pursue the Chartered Professional Accountant (CPA) designation.

To be admitted to the graduate diploma, applicants must have:

1. completed the BAS Honours Accounting Degree;
2. obtained a minimum C and average of B in each of the CPA required courses earned in the BAS Accounting degree;
3. obtained an overall grade point average of 6.5 or higher in the following Liberal Arts & Professional Studies courses or their equivalents:

Administrative Studies 4520 3.0: Advanced Financial Accounting
Administrative Studies 4570 3.0: Management Planning & Control Systems

Administrative Studies 4551 3.0: Auditing and Other Assurance Services

Administrative Studies 4553 3.0: Auditing: Advanced Topics

Administrative Studies 4561 3.0: Taxation of Personal Income in Canada

Administrative Studies 4540 3.0: Financial Management

Administrative Studies 4900 3.0: Management Policy Part I

Administrative Studies 4590 3.0: Comprehensive and Multi-subject Accounting Problems

DIPLOMA REQUIREMENTS

Students enrolled in the graduate diploma:

1. must complete all five required courses with an overall B average;
2. must obtain a minimum of "C" in each of the 5 courses; and,
3. must complete all diploma requirements within one year.

Required courses

Professional Accounting 5530 3.0: Financial Statement Analysis and Valuation

Professional Accounting 5550 3.0: Issues in the Practice of Assurance

Professional Accounting 5560 3.0: Taxation and Financial Decision-Making

Professional Accounting 5570 3.0: Performance Management Systems

Professional Accounting 5590 3.0: Integrative Analysis in Accounting

Further details about the Graduate Diploma in Professional Accounting can be found on the diploma website:
<http://www.pacc.gradstudies.yorku.ca>

For more information, contact: pacc@yorku.ca, 416-736-5210 or visit the School of Administrative Studies at 282 Atkinson College.

GRADUATE DIPLOMA IN QUANTITATIVE METHODS

The Quantitative Methods Area in the Graduate Program in Psychology offers a formal Graduate Diploma in Quantitative Methods for graduate students within the Graduate Programs in Psychology, Kinesiology & Health Science, Nursing and others. This graduate diploma was developed to promote competency in the application and communication of advanced quantitative methods to psychological and social science data, and is intended to be complementary to graduate students' courses of study in psychology or other related graduate programs.

ADMISSION REQUIREMENTS

Students in the Graduate Programs in Psychology, Kinesiology & Health Science, Nursing or other programs, with approval from the Graduate Diploma Coordinator, may apply for entry into the Quantitative Methods graduate diploma.

Students wishing to apply for the Quantitative Methods graduate diploma must arrange for one of the faculty members in the Quantitative Methods Area to serve as their graduate diploma advisor. Both the student and the advisor come to an agreement regarding the combination of quantitative methods courses to satisfy the graduate diploma requirements, as well as identify either a topic for the review paper or a project for the research practicum at the time of application.

The admission requirement of having a graduate diploma advisor at the time of enrollment ensures that students have a concrete plan of study to complete graduate diploma requirements within a reasonable timeframe, as well as direct mentoring from faculty in the Quantitative Methods Area.

DIPLOMA REQUIREMENTS

Graduate Diploma in Quantitative Methods students must successfully complete the following requirements:

1. Coursework

Students pursuing the Graduate Diploma in Quantitative Methods must complete coursework in quantitative methodology beyond the coursework requirements of their degree. Students must complete **18 credits** of coursework specializing in quantitative methods at the graduate level (there are no specific courses required). The courses could include graduate quantitative methods classes offered by the Graduate Programs in Psychology, Kinesiology & Health Science, or Nursing, as well as classes offered by the Graduate Program in Mathematics & Statistics. However, other York or non-York courses might also be applied to the requirements of the diploma. All courses that the student would like to apply towards the requirements of the diplomas must first be approved by the student's graduate diploma advisor (see below). Courses counting toward the diploma program may also count towards the student's graduate degree requirements, but some part of the graduate diploma program course requirements must be additional to degree requirements. Additionally, every course counting toward the diploma must have a minimum grade of A-.

2. Quantitative Methods Forum

Students must present at least once in the Quantitative Methods Forum. The Quantitative Methods Forum is a weekly meeting of all faculty members and graduate students from the Quantitative

Methods Area of the Graduate Program in Psychology, as well as faculty members and students from other areas of Psychology and related programs such as Mathematics & Statistics. Meetings are comprised of research presentations and discussion of topics concerning professional development. The presentation may either focus on a specific quantitative method, or could highlight the student's application of an advanced quantitative method in an ongoing research project.

Students must attend at least a minimum of 8 Quantitative Methods Forums. The 8 forums need not be in the same year, and although a minimum number is specified, it is recommended that students attend as many forums as possible.

3. Research Paper or Practicum

Students must complete an academic breadth comprehensive paper (formerly known as the minor area paper in the Graduate Program in Psychology), review paper, or research practicum with a focus on quantitative methods. The academic breadth comprehensive paper or review paper should be at least 4,000 words (excluding tables, figures and references) on a topic related to the analysis of data in the behavioural or health sciences. The review paper should be written in a format acceptable for submission to a peer-reviewed journal, and to count towards the graduate diploma it must be approved by the Quantitative Methods Area. Alternatively the research practicum will be worth **six credits** and should be related to the analysis of data in the behavioural sciences. A letter from the practicum supervisor outlining the nature of the practicum and indicating successful completion of the practicum is required in order for the practicum to count towards the graduate diploma.

4. Breadth of Knowledge and Competency

Students must demonstrate breadth of knowledge and competency in several advanced quantitative methodologies by meeting coursework and Quantitative Methods forum attendance. Attendance at the Quantitative Methods forum is also expected to foster appreciation of new and novel developments in quantitative methodology. Foundational knowledge and depth of knowledge in applying at least one type of quantitative method is met by presenting at the Quantitative Methods forum, and by the academic breadth comprehensive paper, or review paper, or research practicum requirement.

For more information, please contact the Graduate Diploma Coordinator, Professor Robert Cribbie, cribbie@yorku.ca.

GRADUATE DIPLOMA IN REFUGEE & MIGRATION STUDIES

The program of study allows students enrolled in a graduate program at York University to specialize formally in refugee and migration studies and to be awarded a Graduate Diploma in Refugee & Migration Studies by the Faculty of Graduate Studies upon completion of all degree and diploma requirements.

The graduate diploma will be awarded *concurrently* with the master's or doctoral degree program for which a student is registered. For those students who successfully complete both the degree program and the diploma, the diploma will be noted on the student's transcript and awarded at the convocation at which the degree is awarded. According to Faculty policy, it is not possible to receive only the diploma.

The graduate diploma is intended to give recognition to those students who have undertaken a concentrated research and study program in the area of refugee and migration studies, to encourage students to undertake such a concentration and to provide graduates who can serve both the Canadian and international communities in the vital area of public and humanitarian policy.

ADMISSION REQUIREMENTS

Candidates for the diploma must first be admitted to the Faculty of Graduate Studies as candidates for a master's or doctoral degree in any of the existing graduate programs at York University. Candidates formally register for the diploma following registration in the degree program at the time they define their program of studies. Application is made to the Graduate Diploma Coordinator, Centre for Refugee Studies.

DIPLOMA REQUIREMENTS

In addition to fulfilling the graduate program or Faculty degree requirements, students must satisfy the following additional requirements to receive the diploma:

- a) completion of two courses approved by the Centre for Refugee Studies. Only one of these two courses may also be used to satisfy master's or doctoral degree requirements;
- b) as an alternative to one of the courses, the student may complete a directed reading course to be supervised by a faculty member affiliated with the Centre for Refugee Studies which must be approved by the Graduate Diploma Coordinator as well as the Graduate Program Director of the graduate program in which the student is enrolled for a degree;
- c) attendance for at least one year in the Centre's weekly seminar series and special colloquia of the Centre;
- d) field or community work, the nature of which must be approved by the Graduate Diploma Coordinator, with refugees or refugee with organizations working on issues related to refugees and/or migrants;
- e) a major research paper, thesis or dissertation supervised by a member of the Faculty of Graduate Studies affiliated with the Centre for Refugee Studies on a topic to be approved by the faculty member, the Graduate Diploma Coordinator, the director of the graduate program in which the student is enrolled for a degree and the Dean of Graduate Studies in the case of a thesis or dissertation.

Normally, this will be the major research paper, thesis or dissertation used to complete the degree and must be successfully completed and defended.

For more information, please contact the Graduate Diploma Coordinator, Centre for Refugee Studies, 853 Kaneff Research Tower; (416) 736-5663; or crsedpro@yorku.ca.

GRADUATE DIPLOMA IN WORLD LITERATURE

The Graduate Diploma in World Literature is designed to highlight and give official accreditation to students' transnational, cross-cultural, and interdisciplinary literary expertise. Unique in Canada, this challenging graduate diploma can lead to prospective careers in a range of areas requiring a high level of cross-cultural literacy in this era of globalization, from government to the global creative industries.

ADMISSION REQUIREMENTS

The Graduate Diploma in World Literature can be obtained in conjunction with an MA or PhD degree in English, Humanities, or Translation Studies.

DIPLOMA REQUIREMENTS

Diploma students must successfully complete:

- ❖ A compulsory **three-credit** course on the history and practice of comparative and world literature: **Humanities 6157 3.0: Comparative and World Literature Seminar: History and Practice/Same as English 6157 3.0 and Translation 6157 3.0.** This course is in addition to the requirements of an MA or PhD degree in English or Humanities, or of an MA in Translation Studies.
- ❖ A capstone diploma **research paper**, elaborated with the advice of a Professor with specialization in the topic to be explored. This paper further develops expertise in world literature, and requires that students demonstrate the interdisciplinary, cross-cultural research and critical skills acquired throughout their world literature graduate diploma studies. The diploma research paper is marked by the primary advisor, then submitted to a second reader who also marks and comments, and then both reports are sent to the Graduate Program Director. This is also an additional requirement.
- ❖ One course in cultural theory (**three or six credits**), to be chosen among the offerings of the Graduate Programs in English, Humanities, or Translation Studies. A list of available courses is given to students each year. While this course counts for both the degree and diploma, students enrolled in the graduate diploma must write a research paper that extends the discussion of cultural theory into the domain of world literature.
- ❖ Three course-related **research papers** with a world literature perspective and content; or an MA major research paper or thesis; or a PhD dissertation with a world literature approach. While such work counts for both the graduate diploma and the degree program, students enrolled in the graduate diploma need to supplement their MA or PhD requirements with work done from a world literature perspective throughout their degree studies: the graduate diploma augments the degree requirements and allows students to receive accreditation for the added value of this specialized training.

It is recommended, but not required, that students complete a study period, research stay, or an internship in a country pertinent to their projects in world literature. The Graduate Program in English has an exchange program with Mainz University; York University has an agreement with every university in France for "cotutelle" doctorates; York University is an institutional affiliate of the Institute for World Literature, which meets for a month in cities across the globe every

summer. More generally, York International has a large number of exchange agreements, summer programs, and internships that are available to graduate students:

<http://international.yorku.ca/exchange/agreements.htm>

<http://www.yorku.ca/yorkint/SSA>

<http://internationalyorku.ca/internships/indexYIIP.htm>

Students are provided with a list of such opportunities for studies and internships abroad, and encouraged to take advantage of them.