WELCOME TO THE MASTER OF ARTS IN TEACHING AND LEARNING (MATL)

INFORMATION SESSION OCTOBER 26TH, 2021

PROGRAM DIRECTOR: DR. MINDY CARTER

ASSISTANT PROGRAM DIRECTOR: DR. SHERYL SMITH-GILMAN
PRESENTATION OVERVIEW

• McGill’s Programs leading to teacher certification
• MATL Program in more detail
  • Eligibility
  • Self-assessment Grids
  • Applying
  • Program features
• Other DISE Graduate Programs
SESSION GOALS

• Familiarize you with our teacher education programs leading to teacher certification
  • B.Ed. Programs
  • Focus on MATL Program

• Offer eligible students additional educational paths and career options.
TWO PATHS TO TEACHER CERTIFICATION

PATH ONE: BACHELOR OF EDUCATION (B.ED.)

Previous Education: CEGEP (HS outside QC)
4 years, 120 credits, 700 hrs of student teaching
- Kindergarten-Elementary (additional options in French Immersion, Jewish Studies)
- Secondary
  - Mathematics
  - Science and Technology
  - Social Sciences (History & Citizenship AND Geography OR Ethics and Religious Culture)
- English Language Arts (ELA)
- Teaching English as a Second Language (additional option in Teaching Greek)
- Music

PATH TWO: MASTER OF ARTS IN TEACHING & LEARNING (MATL)

Previous Education: Bachelor’s degree
20-24 month, 60 credits, approx. 730 hrs of student teaching
- Secondary
  - Mathematics
  - Science and Technology
  - Social Sciences (History & Citizenship AND Geography OR Ethics and Religious Culture)
- English Language Arts (ELA)
- Teaching English as a Second Language
B.Ed. and MATL

• English Exam for Teacher Certification (EETC)

• TESL – language proficiency tests

MATL only

• Capstone Research Project
WHO MIGHT BE INTERESTED IN THE MATL?

• Prospective students with completed UG degrees who want to be teachers

• Prospective students with teaching experience and who enjoy working with youth
WHAT IS THE MATL?

• 60 credit program professional program leading to Quebec teacher certification (Brevet) at the secondary school level. (Certification is transferable to all other Canadian provinces)

• Designed for those who already hold an undergraduate degree

• Starts in summer term can be completed in 20-24 months (5 or 6 consecutive terms)
  • 45 credits of coursework
  • 15 credits of internship (two 11 and 12 week placements)
WHAT IS THE MATL? (continued)

1. Mathematics
2. Science and Technology
3. Social Science
   a. History/Geography
   b. History/Ethics and Religious Culture (ERC)
4. English Language Arts (ELA)
5. Teaching English as a Second Language (TESL)

5 Subject Area concentrations
WHO IS ELIGIBLE?

Candidates with:

• CGPA of 3.0 or higher (or 3.2 in last 2 years of full-time studies)

• Completed Undergraduate Degree

• 45 credits of previous university level studies in a designated ‘teachable subject’ area (i.e. a subject which is taught in secondary school classrooms in Quebec).

• Prior Teaching Experience
  • Formal (classroom)
  • Informal (camp counselor, tutor, mentor, coach, etc.)
MATL PROGRAM OVERVIEW

➢ Begins in Summer term (May 2022)
➢ Can be completed in 5 or 6 terms
➢ Includes 2 internships (student teaching)
➢ Intensive daytime courses in July/August summer term
➢ Evening Fall, Winter and Summer (May-June) terms
➢ Online courses
MATL: SELF ASSESSMENT GRIDS (45 CREDITS)

- Self Assessment Grids available for each concentration
- Applicants complete self-assessment grid as part of application process
- Can be used as a guide to ensure courses taken in undergraduate degree match requirements of MATL program
- Generally broken down into
  - Required Courses
  - Additional Courses within the concentration
EXAMPLE:
SCIENCE AND TECH
(45 CREDITS)

Required Science & Technology - 18 credits

➢ 3 credits in Physics
➢ 3 credits in Chemistry
➢ 3 credits in Biology
➢ 3 credits in Environmental Science
➢ 3 credits in Earth & Space Science
➢ 3 credits in Statistics

http://www.mcgill.ca/dise/progs/matlscientech/prospective-students
EXAMPLE
SCIENCE AND TECH
(45 CREDITS)

Additional Science & Technology:
27-30 additional credits in Science and Technology addressing

- Additional courses from Category
- Laboratory safety and security, including biosecurity
- Nature of science and technology
- Impact of science and technology on society and environment
- Technology (Engineering)

http://www.mcgill.ca/dise/progs/matlicandotechnologyprospective-students

MATL Subject-Area Background Self-Assessment Grid:
Science and Technology (45 Credits)

Admission to the MATL program requires 45 credits of previous university level studies in a designated 'teachable subject' area (i.e., a subject which is taught in the secondary school classroom). Please fill in the grid below, listing courses from your previous studies which, in your estimation, fit the categories. Add any necessary explanation. Courses listed must be at the 200 level (according to McGill standards) or higher and you must have received a grade equivalent to McGill grade of "C" or higher. Please submit your completed grid as a supporting document to your application.

Ideal distribution of 45 credits: With a view to informing an applicant's consideration of which courses to count within the required 45 credits of discretionary background courses, and also to assist the admissions committee in their assessment, the following ideal distribution of credits has been mapped out, informed by a) Ministry regulations and b) the Quebec Education Program.

15-18 credits in Required Science & Technology:
- 3 credits in Physics (e.g. McGill courses PHYS 329, PHYS 331, PHYS 349)
  Students having completed NAGS courses PHYS 231 or 232 or CESEF equivalent will have met this physics requirement. In this case, 30 additional credits in science & Technology is required to account for this 3 credit exemption.
- 3 credits in Chemistry- including Physical, Organic or Inorganic.  (e.g. McGill courses CHEM 222, CHEM 242, CHEM 381)
- 3 credits in Biology- courses related to study of life and living organisms - plant, animal or human – including areas such as nutrition and genetics.  (e.g. McGill courses BIOL 201, BIOL 205, BIOL 216)
- 2 credits in Environmental Science - Environmental Biology, Sustainability, Resource Management, may include Ecology (e.g. McGill courses ENVU 205, ENVU 206, GEES 205)
- 6 credits in Earth & Space Science such as Meteorology, Geology, Geophysics, Biogeography, can also include Atmospheric Science, Astronomy.  (e.g. McGill courses EPSC 201, ATOC 215, GEOG 272)
- 3 credits in Statistics (e.g. McGill course MATH 204)

27-30 credits in Additional Science & Technology:
- Additional courses from Physics, Chemistry, Biology, Environmental Science, Earth and Space Science and Statistics
- Laboratory safety and security, including biosecurity
- Nature of science and technology (e.g. epistemology, history, methodology)
- Impact of science and technology on society and environment
- Technology (Engineering), for example: technical drawing, computer-aided design, design and analysis of technical objects and technology systems, electronics, manufacturing and machining processes, biotechnology, material science (including biomaterials), biomechanics, robotics, optics, lasers, photonics and optoelectronics
15 credits in Required Mathematics

- 3 credits in Abstract Algebra (e.g. McGill course MATH 235) or Analysis (e.g. McGill course MATH 242)
- 3 credits in Linear Algebra (e.g. McGill course MATH 223)
- 3 credits in Probability/Statistics (e.g. McGill courses MATH 323, MATH 324)
- 3 credits in Calculus (e.g. McGill course MATH 222)
- 3 credits in Differential Equations (e.g. McGill course MATH 315)

30 credits in Additional Mathematics including:

- Geometry, Topology, Graph Theory;
- Number Theory and Numerical Structures;
- Additional courses in mathematics (e.g. Theories and Methods in Calculus (Integral, Numerical Methods etc.), Theory of Equations);
- Other areas within the field (e.g. Logic, Set Theory, Discrete Mathematics, Mathematical Modeling, Measure Theory, Optimization Theory);
- Courses related to Information and Communication Technology (ICT) (e.g. logical-mathematical reasoning applied to programming)
- Courses in physics and engineering with mathematics content (e.g. Modeling of Mathematical Phenomena);
- History and Epistemology of Mathematics
39 credits in History & Citizenship:

- 24-30 credits in History from several of the following categories:
  - General History from any area of the world (may include Political, Economic, Social and Cultural History)
  - Note: Must include 3 credits in Canadian History and 3 credits in Quebec History (e.g. McGill courses HIST 202, HIST 203, HIST 303)
  - Study of specific historical periods (e.g. ancient, middle ages, modern, contemporary)
  - Epistemology of the discipline (including Historical Methods)

- 9-15 credits in related courses from several of the following categories (Other areas of Social Science other than History):
  - Courses addressing contemporary world issues (including courses from other areas in Social Sciences such as Economics, Anthropology, Political Science, Environmental Studies, Canadian Studies, Sociology, Cultural Studies)
  - Citizenship Education (including courses addressing public institutions, democratic processes, foundations of identity, social change)

6 credits in Geography from several of the following categories:

- 6 credits from several of the following categories:
  - Human, urban, political, historical, environmental, economic, social/cultural, tourism geography (e.g. McGill courses ENVR 202, GEOG 200, GEOG 205, GEOG 272)
  - Courses addressing contemporary world issues
  - Epistemology and methodology of the discipline
33 credits in History & Citizenship:

24 credits in History from several of the following categories:
- General History from any area of the world (may include Political, Economic, Social and Cultural History)
  Note: Must include 3 credits in Canadian History and 3 credits in Quebec History (e.g. McGill courses HIST 202, HIST 203, HIST 303)
- Study of specific historical periods (e.g. ancient, middle ages, modern, contemporary)
- Epistemology of the discipline (including Historical Methods)

9 credits in related courses from several of the following categories (Other areas of Social Science other than History):
- Courses addressing contemporary world issues (including courses from other areas in Social Sciences such as Economics, Anthropology, Political Science, Environmental Studies, Canadian Studies, Sociology, Cultural Studies)
- Citizenship Education (including courses addressing public institutions, democratic processes, foundations of identity, social change)

12 credits in courses related to Ethics and Religious Culture:

6 credits from several of the following categories:
- Philosophy- including philosophical traditions, philosophy of religion, philosophy for children, applied ethics, environmental ethics, normative ethics, ethics of sexuality, bioethics. (e.g. McGill courses EDER 209, EDER 395, PHIL 230, PHIL 237)
- Ethnology, Anthropology, Sociology and Psychology of Religion
- Epistemology and Methodology of the discipline

6 credits from:
- World Religions- covering a range of religious traditions, e.g. Christianity, Judaism, Hinduism, Buddhism, Islam, new approaches to religion. (e.g. McGill courses EDER 309, RELG 204, RELG 207)
• Social Science classes are increasingly more a part of secondary school French Immersion Programs

• Proficiency in French; considered in the admissions process

• Certificat d’études supérieures en pédagogie de l’immersion française (PIF) – available
30-39 credits in English Literature:

- From a range of literary genres including young adult literature and poetry. (e.g. McGill courses EDES 366, ENGL 225, LLCU 220)
- Should include 3 credits in Canadian Literature (e.g. McGill course ENGL 228)

6-15 credits in related areas including:

- Linguistics- lexicology, morphology, phonetics and phonology, syntax, semantics, English grammar (e.g. of McGill courses LING 201, LING 355)
- Writing; Editing; (e.g. McGill courses CEAP 250)
- Courses related to English culture;
- Media, Film- related to English (e.g. McGill courses ENGL 279, LLCU 200);
- Translation (to English);
- Communication Studies (including courses in the development and integration of technology);
- Historical and Epistemological aspects of the English language
Teaching English as a Second Language (TESL)

45 credits in areas related to the English Language and Culture from several of the following categories:

- Linguistics- lexicology, morphology, phonetics and phonology, syntax, semantics, English grammar (e.g. McGill courses LING 201, LING 355);
- English Literature- from a range of literary genres including young adult literature and poetry (e.g. McGill courses EDES 366, ENGL 225, LLCU 220);
- Writing, Editing; (e.g. McGill courses CEAP 250)
- Courses related to English culture;
- Media, Film- related to English (e.g. McGill courses ENGL 279, LLCU 200);
- Translation (to English);
- Communication Studies (including courses in the development and integration of technology);
- Historical and Epistemological aspects of the English language
In Quebec, English as a Second Language is taught in only French schools (Bill 101).

Additional Language Requirements
- Entrance English Language Proficiency Test (ELPT)
- Functional French requirement

Native-like proficiency in English required
Register for ELPT as part of application procedures

French test for employment
MATL: APPLICATION REQUIREMENTS

1. Current CV
2. 1-2 page Personal Statement
3. Completed Self-Assessment Grid
4. Unofficial Transcripts
   (official transcripts required after accepted to the program)
5. 2 letters of Recommendation:
   ➢ 1 professional and 1 academic

- **1 November** for summer 2022
  (International applicants)
- **15 January** for Summer 2022 (Canadian applicants)
- **Additional Admission Requirement**: CASPer Test (see website for information)

www.mcgill.ca/uapply
MATL: CONTACT INFORMATION

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HIGHLIGHTING OTHER GRADUATE PROGRAMS IN DISE

Certificat d’études supérieures en pédagogie de l’immersion française
Graduate Certificate in Educational Leadership

Masters in Education and Society  (additional Mathematics and Science Education Option)
Masters in Second Language Education
Masters in Leadership

•  Gender and Women’s Studies
•  Coursework, Project and Thesis Options
THANK YOU FOR ATTENDING!

QUESTIONS?