University of Toronto, Major Modification Proposal: Dual Degree Program

This is a proposal for a dual degree program between the University of Toronto’s Munk School of Global Affairs, Master of Global Affairs (MGA) program with the Sciences Po (Paris Institute of Political Studies), School of Public Affairs, Master in Public Policy (MPP) program. This proposed dual degree would allow students to complete both degrees over a 24-month time span. The goal is to provide students with the core educational benefits of both degree programs, a unique educational complement that integrates the approaches of both degrees, along with unique student and alumni opportunities in two exceptional institutions.
University of Toronto
Major Modification Proposal:
International Dual Degree Programs

This template should be used to bring forward proposals for Dual Degree Programs with international peer institutions for governance approval under the University of Toronto’s Quality Assurance Process. Dual Degree Programs are always founded on an MOA between the parties. The Office of the Vice-Provost, Academic Programs will provide an MOA template which includes all relevant issues to be addressed.

<table>
<thead>
<tr>
<th>Dual Degree Programs Proposed:</th>
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<tbody>
<tr>
<td>Institution</td>
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<td>2.</td>
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<table>
<thead>
<tr>
<th>Institution:</th>
<th>University of Toronto</th>
<th>SciencesPo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty(s):</td>
<td>Munk School of Global Affairs, Faculty of Arts and Science</td>
<td>School of Public Affairs</td>
</tr>
<tr>
<td>Dean's Office Contact (U of T) / Institutional Contact (Peer Institution):</td>
<td>Joshua Barker, Vice-Dean, Graduate Education, Faculty of Arts and Science</td>
<td>Francis Vérillaud, Vice president, International, Sciences Po</td>
</tr>
<tr>
<td>Department(s) / Unit(s) (if applicable):</td>
<td>Master of Global Affairs</td>
<td>Master in Public Policy</td>
</tr>
<tr>
<td>Proponent in each Department / Unit:</td>
<td>Professor Ron Levi</td>
<td>Professor (Dean) Yann Algan</td>
</tr>
<tr>
<td>Version Date of Proposal (please change as you edit proposal):</td>
<td>12/09/2016</td>
<td></td>
</tr>
</tbody>
</table>
1 Summary

Please provide a brief overview of the proposed Dual Degree Program(s) listed in the cover chart, highlighting the critical points including:

*the academic rationale for the Dual Degree Program(s)*
*the impetus for its development (including student interest and demand) and how it fits with the Unit/Division’s academic plans, any important or distinctive elements*

**University of Toronto and Sciences Po**

The dual degree between University of Toronto’s Munk School of Global Affairs and Sciences Po’s School of Public Affairs will allow students to gain two distinct and complementary degrees – a Master of Global Affairs (MGA) from Toronto and a Master in Public Policy from Sciences Po in Paris — in two calendar years (24 months), rather than the four years otherwise required to complete these degrees consecutively. Students enrolled in the dual degree will benefit from the unique academic strengths of each institution, their geographic breadth, and their distinct professional training and networks. By studying at institutions based in Paris and Toronto, they will benefit from studying global affairs and public policies from two different contexts and perspectives (European and North American) thus enhancing their own global experience. Moreover, by combining a Master in Public Policy and a Master in Global Affairs, they will benefit from two complementary angles on the pressing global challenges of the 21st century. The dual degree program will thus uniquely position its graduates to enter the field of global affairs worldwide.

Through the dual degree, students will get a unique professional program to address current global issues. From the Sciences Po MPP, they will benefit from an immersion in multiple policy fields (global health, energy, social policies, digital, etc.) with an emphasis on the role of values, ethics, and cultural contexts. The MGA at the Munk School will complement this approach with an emphasis on the global system and its stakeholders, and with immersion and practical experience in rapidly changing global affairs. Thanks to distinctive tools from each program, students will gain a unique framework for analyzing and working in the global system, and acquire unique international networks. A compulsory Capstone course and internship as part of the MGA will provide practical and professional competencies, while the Grand Oral, which concludes the two-year program, will allow students to develop their aptitudes, encourage intellectual risk-taking and build the capacity to deal with global complexity.

The first cohort of students will start the program in 2018. Given the international prestige of the two institutions, we expect students worldwide to be interested in this dual degree. Students are thus expected to come from Europe (1/3), North America (1/3) and beyond (1/3). As the program grows and becomes more visible, applications are also expected to grow, both in terms of quantity and quality. This will lead to even greater interest from recruiters, and it will further enhance students’ networks, experiences and opportunities.

Other international opportunities will likely arise from this collaboration, such as joint courses (i.e. through video-conferencing), faculty exchange, joint workshops and conferences, and
research partnerships. The profile that this dual degree will have internationally will also contribute to the international visibility and intellectual scope of the Munk School of Global Affairs and the University of Toronto.

In the material below, we provide additional context about Sciences Po, the Munk School of Global Affairs, and the two degree programs being drawn together in this dual degree proposal.

2 Effective Date:

First date students will apply to the Dual Degree Program: October 2017

The date the first cohort will be registered in the Dual Degree Program: September 2018

3 Academic Rationale

What are the academic reasons for the Dual Degree Program(s) and how does this fit with the unit’s and Division’s academic plans

Context

- Provide an academic rationale for combining the two degrees: what synergies exist between the two; how will this support student learning
- Describe the consistency of the Dual Degree Program(s) with the University’s mission and unit/divisional academic plans and priorities

Expected benefits of the proposed Dual Degree Program(s)

Describe any distinctive elements

This dual degree builds on long traditions at UofT and at Sciences Po in studying World and public affairs. For over a century, Sciences Po has trained France’s elite, and its flagship program, Public Policy, is now becoming a brand new School within Sciences Po, the School of Public Policy, in a quest to internationalize.

For the MGA program, this dual degree is part of a new phase in its development strategy. It aims to bring more diversity, in terms of intellectual content and the geographic origin of its students, but also in terms of its networks, alumni connections, and job opportunities, geographically as well as sector-wise. The dual degree is thus an opportunity to draw on these new strategic developments at the Sciences Po School of Public Affairs, and to accompany a new international outreach and global strategy for the Munk School.

We have developed a pedagogical approach with Sciences Po that will allow students to gain the core benefits of each degree, while also gaining new and unique perspectives by pursuing them together (see Appendix F). In addition to maintaining the core curriculum from each program (as discussed below), and allowing for a wider range and depth of
coursework, the unique features of both degrees are being preserved in this proposal.

By studying in Toronto and in Paris, students benefit from intellectual perspectives rooted in different cultural contexts. This multidimensional approach is reinforced by the unique combination of global affairs and public policy, providing students with the tools and perspectives they require for analyzing, engaging, and addressing current challenges and opportunities worldwide. This embeds a global affairs perspective into the very design of the dual degree curriculum: students will gain the agility and ability to adapt to the multiple and unpredictable situations of the global context, and the capacity to work within the fast pace of worldwide change.

The Sciences Po MPP curriculum provides a European grounding in public policy, along with an emphasis on pluralism, values, and the management of public affairs across cultural contexts. This broad perspective, together with attention to method, building leadership in public policies, the value of an ethical approach and the intellectual courage to work in a complex world, is ideal as Year 1 of the dual degree.

In Year 2 the MGA’s approach to the global system through its three areas – Global Markets, Global Civil Society and Global Institutions – provides a sectoral and institutional perspective on global affairs through the lens of stakeholders and their interconnections, as well as enhancing students’ strategic thinking. The internship and Capstone course then provide a critical professional angle for students as they finish their dual degree.

The sequence between the two institutions is thus designed for students to enjoy the unique pedagogical combination of the dual degree.

Moreover, all students will complete the Munk School MGA internship, which provides a rubric-based set of learning outcomes for a global placement over the summer months, evaluated through a final paper submitted at the end of the internship. In addition, all students will pursue the two most central opportunities of each program, each of which reflects a core element of their approach to global education: the MGA Capstone and the Grand Oral of the French tradition. This proposal integrates and combines these core pedagogical and professional features of the Munk School and of Sciences Po, reinforcing the intellectual and professional strengths of the program.

The MGA Capstone is required of all students in their final semester in the program. It functions as a studio course that places students in consulting teams to work on current global problems for the benefit of real clients. In consultation with a faculty advisor, the student teams produce deliverables requested by the client. There are multiple pedagogical goals associated with this exercise, including learning how to successfully work in teams and with external partners, the ability to identify concrete problems that are capable of being addressed, and the translation of research into other forms of deliverables (e.g. memos, presentations and reports), in addition to the substantive expertise the students gain within issue areas.

In contrast, the Grand Oral is an oral examination that is a long-held tradition at Sciences Po
and in France. It is one of the final components of each student’s educational trajectory. The goals of the Grand Oral are to build students’ capacity to deal with intellectual complexity and to develop intellectual courage, while also ensuring a solid foundation in substantive topics in public affairs. In the School of Public Policy at Sciences Po, the Grand Oral consists of an academic presentation before a jury on a policy topic which students have researched during the course of their degree.

While Sciences Po has many dual degree opportunities (see Appendix B), this current proposal with the Munk School is the first that integrates this distinctive Grand Oral. Due to its nationally specific tradition, the Grand Oral is typically not required for dual degree students (as opposed to students pursuing the degree fully at Sciences Po). However, because the MGA is a global affairs degree, we intend to integrate the Grand Oral with the MGA Capstone. This will provide a globally-oriented education that is important to our ambitions for our dual degree students. Indeed, this reflects the Munk School’s approach to globalization more broadly, which is to preserve distinctiveness while also fostering interconnections. The Capstone course allows students to put to practical use the skills and knowledge that they have gained throughout their program. By combining this with the Grand Oral, students will learn to “code-shift” between problem-solving for organizations facing global challenges, and an academic oral defense in the French tradition. For students in global affairs, this combination provides students with the skills to shift between (and integrate) two pedagogical and cultural traditions, while further providing a combination of substantive academic and professional skills. Please see Appendix D&E.

Through this unique dual degree and innovative combination, students will get a global experience that is intellectual, professional and contextual.

Last but not least, both the Munk School of Global Affairs and Sciences Po are full members of the Association of Professional Schools of International Affairs (APSIA), and Sciences Po has several collaborative agreements with the very best institutions in the field of global affairs and international affairs. A list of existing Sciences Po dual degrees can be found in Appendix B. These elements also reinforce the status of the Munk School as a leading school worldwide, and will open up new academic, research and other networks to the School, its students and its alumni.

4 Need and Demand

Provide a brief description of the projected interest in and demand for the proposed Dual Degree Program(s) focusing on how the it provides a benefit to students beyond what would result from completing the two degree programs separately

Provide details regarding the anticipated yearly in-take

The MGA program has seen an increase in applications each year since the program began in 2010. Most recently in 2015 the program saw a 17% increase in applications compared to the
previous year. This continuous increase has made the program more competitive every year, which therefore also increases the quality of admitted applicants annually. In 2013-2014 the average admission GPA was 3.62, which has since stabilized at 3.7.

The MGA program has also seen a growing number of its students pursuing joint professional degrees. A growing number of students in the entering class are also studying Law or Business Administration in partnership with the Faculty of Law or the Rotman School of Management. This increase reflects one of our primary markets: students who want to accelerate their careers in business, government and NGOs, in an increasingly interconnected and multipolar world.

Alumni from both the Munk School and Sciences Po benefit from great opportunities. Sciences Po alumni enjoy strong placements in Europe, Asia, Africa and Latin America, while MGA alumni to date have found employment mainly within North America. These placement trends make the programs complementary, and underscore their ideal collaboration. Students will be in a position to benefit from ever wider and globally-oriented alumni networks, with a range of career paths open to them. At present, nearly half of MGA graduates work in the private sector, 35% in the public sector or international organizations, and the remainder in NGOs. Sciences Po School of Public Affairs has a slightly higher percentage of graduates working in the public sector or international organizations, mainly outside of North America. Brought together, dual degree MGA and MPP students from Sciences Po will benefit from this deepening expansion of opportunities geographically and across sectors.

This dual degree is likely to attract new international applicants worldwide, in addition to applicants from Canada and France. We anticipate new sets of students will be interested in the Munk School and Sciences Po as a result. Given that we will broaden the range of interested students, we cannot yet anticipate yearly intake. Nonetheless, we currently anticipate this would be approximately 15% of the entering class (see tables below). Indeed, at Sciences Po, dual degrees and English-language programs have expanded the number of applicants and opened doors to new pools of students internationally. The number of international applicants to the MPP and its international dual degree programs has tripled in the last three years (from 2013-2016). It is expected that this dual degree will follow the same trends.

Within the Munk School currently, we note that Sciences Po is our strongest exchange partner; last year alone, we had over 12 students (15%) from our cohort looking to go to Sciences Po on exchange. This is a strong indicator of student interest. For these students, the appeal of the exchange is that they can earn up to 2.0 full course credits while having the opportunity to experience studying and living abroad. In addition, new students – from Canada, France and abroad – would likely be interested in applying to this dual degree.

Depending on demand, we may choose to cap our admission to this dual degree program.

Below are tentative projections of yearly enrolment.
Table 1: DDP Enrolment Projections in the MGA (Year 2 only)

<table>
<thead>
<tr>
<th>Year MGA</th>
<th>2017-18</th>
<th>2018-19</th>
<th>2019-20</th>
<th>2020-21</th>
<th>2021-2022*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MGA Total #</td>
<td># in DDP</td>
<td>#</td>
<td>#</td>
<td>#</td>
</tr>
<tr>
<td>1</td>
<td>90</td>
<td>0</td>
<td>90</td>
<td>0</td>
<td>90</td>
</tr>
<tr>
<td>2</td>
<td>90</td>
<td>0</td>
<td>90</td>
<td>5</td>
<td>90</td>
</tr>
<tr>
<td>Total</td>
<td>180</td>
<td>0</td>
<td>180</td>
<td>5</td>
<td>180</td>
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</tbody>
</table>

*Steady State projected in (2021-2022)

Table 2: DDP Enrolment Projections in the DDP

<table>
<thead>
<tr>
<th>YEAR</th>
<th>2017-18</th>
<th>18-19</th>
<th>19-20</th>
<th>20-21</th>
<th>21-22*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 MPP</td>
<td>0</td>
<td>5</td>
<td>8</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>2 MGA</td>
<td>0</td>
<td>0</td>
<td>5</td>
<td>8</td>
<td>12</td>
</tr>
</tbody>
</table>

*Steady State projected in (2021-2022)

Along with these numbers, we plan to have approximately 8 international students out of the 12.

5 Program Requirements

Describe the academic requirements of the Dual Degree Program(s) with particular attention to how the Dual Degree Program(s) will satisfy the requirements of the two original programs. (Proponents may find it helpful to use the table below in 5.1 to compare the requirements of the two original programs and the requirements of the Dual Degree Program). Please be very explicit in identifying and explaining any double counting.

Clarify the time to completion and describe specifically which degree program students will be registered in, and when

Program requirements at a glance

<table>
<thead>
<tr>
<th>Year</th>
<th>Progression</th>
<th>Specific Requirements</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>• 13 to 14 courses at Sciences Po’s Master in Public Policy (equivalent of 2.0 FCE counted towards MGA requirements)</td>
<td>• 5 core courses: Public Policy, Public Economics, Quantitative Analysis, Law, and Leadership</td>
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<tr>
<td></td>
<td></td>
<td>• 3-4 policy stream courses (depending on the policy stream chosen by the student)</td>
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<tr>
<td></td>
<td></td>
<td>• 3 elective courses</td>
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<td></td>
<td></td>
<td>• 2 language courses</td>
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### Summer 1
- Internship (0.5 MGA FCE)
- Internship paper to be submitted in September of year 2

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<td>2</td>
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<td></td>
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<tr>
<td></td>
<td>5.0 FCE from the Munk School MGA courses</td>
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<tr>
<td></td>
<td>GLA2000H1: Capstone</td>
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<tr>
<td></td>
<td>3 elective courses (0.5 FCE each)</td>
</tr>
</tbody>
</table>

### Summer 2
- Grand Oral Oral (0.5 MGA FCE)
- Independent Study to prepare for and pass the Grand Oral

The timeline will be as follows:

**Year 1 (September to April):**
- Sciences Po coursework, Paris [registered at Sciences Po]

**Year 1 Summer (May to August):**
- Munk School required internship, worldwide [registered at UofT]

**Year 2 (September to April):**
- Munk School of Global Affairs coursework, Toronto [registered at UofT]
- Munk School Capstone course [registered at UofT]

**Year 2 Summer (May to August):**
Preparation for and passing of the Grand Oral [registered at UofT].

Both degrees would then be completed in 24 months.

The language of instruction will be English at Sciences Po (Year 1), and English at the Munk School (Year 2). Students who can speak French will be allowed to take courses in French at Sciences Po, if desired.

**Year One:** Dual degree students complete their first year at Sciences Po, taking all coursework required by the Master of Public Policy program. This is an intensive year of coursework: students must pursue five core courses over this year (Public Policy, Public Economics, Quantitative Analysis, Law, and Leadership). In addition, students must take an additional three to four courses in their “policy stream” (dependent on their choice of policy stream), three elective courses, and two language courses. The result is that students take six or seven courses per semester in their first year, with each course ranging from 24 to 36 contact hours per semester (they may also elect to take two additional “optional” courses if they wish). The structure of Year One at Sciences Po is as follows:
- 5 Core Courses
  - Public Policy
  - Public Economics
  - Quantitative Analysis
  - Law\(^1\)
  - Leadership\(^2\)

- 3 Electives
- 2 Language courses
- 3 to 4 Policy stream (see Appendix D for more detail and Appendix G for the full course list)

**English Track:**
- Management and Public Affairs
- Politics and Public Policy
- Regulatory Policy
- Digital, New Technology and Public Policy
- Economics and Public Policy
- Markets & Regulation
- Social Policy & Social Innovation

**French or English Track**
- Global Health
- Energy, Resources & Sustainability
- Cultural Policy & Management

**French Track**
- Defense & Security
- Public Administration

**Year One Summer:** Dual degree students in the summer after Year One pursue a global internship through the Munk School of Global Affairs (GLA1007H). They register in the MGA at Munk School that summer, and are provided with the support of Munk School staff in their internship, with academic deliverables to be submitted by September of Year Two.

A representative of the Munk School’s Professional Development and Career Strategies office will go to Paris annually during Year One to assist students individually with preparing for internship applications. At Sciences Po, career services workshops, access to online internship postings and other support will also be made available to dual degree students.

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\(^1\) Law-related core course  
\(^2\) Leadership-related core course
Year Two: In Year Two, dual degree students register at the University of Toronto in the MGA program. Here, they are expected to (1) pursue all required MGA coursework for which they have not taken a similar course at Sciences Po; (2) take a slightly higher number of course credits than students registered to the full MGA program; and (3) pursue their Capstone course, as specified above. Specific MGA core course requirements are listed below.

Given the five required courses taken in the first year at Sciences Po, the following four courses would operate as “exemptions” from required Munk School MGA courses:

1. Public Economics (Sciences Po) will exempt from Micro-Economics (Munk)
2. Quantitative Analysis (Sciences Po) will exempt from Data & Analytics (Munk)
3. Leadership will exempt from Decision-Making and Strategic Thinking (Munk)
4. Public Policy (Sciences Po) will exempt from Global Policy Analysis (Munk)

These are the courses which are least context-driven (i.e. based on more theoretical knowledge and behavioral / institutional approaches, rather than courses where the European or North American context will influence the content).

In contrast, the Law course at Sciences Po will not exempt students from Munk School MGA course requirements. Instead, it is complementary to our course in Public International Law.

The result is that in their second year, dual degree students must take seven required courses at the Munk School of Global Affairs (see Appendix E for more detailed description), which will complete an MGA student’s full course load. Students will take three additional elective courses (1.5 FCE) of coursework over the second year of the program, which will also allow them to pursue courses in one of the program’s three areas: Global Markets, Global Civil Society and Global Institutions.

The result is 5.0 FCE, as follows, for Year 2 dual degree students:

1. Global Civil Society
2. Macro- and International Economics
3. Global Security
4. Public International Law
5. Global Innovation
6. Financial Management for Global Organizations
7. Capstone
8. Elective course
9. Elective course
10. Elective course

If, among the elective courses taken at Sciences Po in Year 1, a student takes a course similar to the MGA Year 2 core curriculum, the student will be precluded from taking the same course in the MGA. The decision will be made by the MGA director of the Munk School of Global Affairs.

Year Two summer: Following all Year Two courses and the required Capstone course, students will spend the summer months registered at the University of Toronto (Munk School),
preparing for their Grand Oral. To do so, they will register in 0.5 FCE of graduate-level independent study to reflect the academic preparation for the Grand Oral, and the defense itself (which is the examination part of the Grand Oral). Students will have the choice of taking the examination at one of two points in the Summer: in June or August.

**How the Dual Degree Compares to the Single MGA Degree**

In this dual degree proposal, the number of credits taken at the University of Toronto comes to 6.0 FCE, as follows:

- **Year 1 summer:** 0.5 FCE
- **Year 2:** 5.0 FCE
- **Year 2 summer:** 0.5 FCE

When pursued alone, the MGA degree requires 8.0 FCE. In this dual degree, students are pursuing 75% of these credits through the MGA program (6.0 FCE / 8.0 FCE), with 25% of the remaining FCE requirements credited through the first year of the Sciences Po curriculum.

**Comparison of Curricular Path**

In order to receive two degrees in 24 months, students will take a minimum of 13 to 14 courses at Sciences Po (core courses, policy stream courses and electives). Students may also take one optional course per semester, for a potential total of up to 16 courses (six, seven or eight per semester). They will complete 10 courses (core courses and electives) at the Munk School, in addition to an internship, a Capstone project and a Grand Oral. The Grand Oral will be taken at the Munk School with Sciences Po colleagues attending either in person or via video-conferencing. Students will be taking a higher courseload over the two years than students in the single degree programs, and the courses will be granted credits as follows: the 7.0 FCE from Sciences Po will be counted as 2.0 FCE Munk School credits (i.e., 2.0/8.0 normally required for the MGA).
<table>
<thead>
<tr>
<th>Year 1</th>
<th>MGA Program</th>
<th>MPP Program</th>
<th>Dual Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GLA 1004H Global Policy Analysis</td>
<td>Public Policy</td>
<td>GLA 1004H Global Policy Analysis</td>
</tr>
<tr>
<td></td>
<td>GLA 1005H Microeconomics OR 0.5 FCE electives if student has taken Microeconomics prior to program</td>
<td>Public Economics</td>
<td>GLA 1005H Microeconomics</td>
</tr>
<tr>
<td></td>
<td>GLA 1006H Decision Making and Strategic Thinking in the Global System</td>
<td>Leadership</td>
<td>GLA 1006H Decision Making and Strategic Thinking in the Global System</td>
</tr>
<tr>
<td></td>
<td>GLA 1012H Data and Analytics</td>
<td>Quantitative Analysis and Empirical</td>
<td>GLA 1012H Data and Analytics</td>
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<tr>
<td></td>
<td>1 elective course</td>
<td>1 elective course</td>
<td>1 elective course</td>
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<tr>
<td></td>
<td>1 policy stream course</td>
<td>1 policy stream course</td>
<td>1 policy stream course</td>
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<td></td>
<td>1 language course</td>
<td>1 language course</td>
<td>1 language course</td>
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<tr>
<td></td>
<td>students may take 1 additional course if they wish</td>
<td>students may take 1 additional course if they wish</td>
<td>students may take 1 additional course if they wish</td>
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<tr>
<td></td>
<td>GLA 1011H Global Innovation</td>
<td></td>
<td>GLA 1007H Global Internship</td>
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<tr>
<td></td>
<td>GLA 1001H Macro and International Economics</td>
<td></td>
<td>GLA 1003H Macro and International Economics</td>
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<td></td>
<td>GLA 1002H Global Civil Society</td>
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<td>GLA 1002H Global Civil Society</td>
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<td></td>
<td>GLA 1003H Global Security</td>
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<td>GLA 1002H Global Security</td>
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<tr>
<td></td>
<td>GLA 1006H Public International Law</td>
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<td>Summer</td>
<td>GLA 1007H Global Internship</td>
<td></td>
<td>GLA 1013H Global Innovation</td>
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<tr>
<td></td>
<td>GLA 1009H Financial Management</td>
<td>Ethics &amp; Democracy OR Technology &amp; Public Policy</td>
<td>GLA 1009H Financial Management</td>
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<tr>
<td></td>
<td>0.5 FCE electives</td>
<td>2 elective courses from “common core” SciencesPo graduate list</td>
<td>0.5 FCE electives</td>
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<td></td>
<td>0.5 FCE electives</td>
<td>2 elective courses</td>
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<td>0.5 FCE electives</td>
<td>3 policy stream courses</td>
<td>0.5 FCE independent study to prepare for Grand Oral</td>
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<td></td>
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<td>students may take 1 additional course if they wish</td>
<td></td>
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<tr>
<td></td>
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<td>Grand Oral</td>
<td></td>
</tr>
<tr>
<td>Year 2</td>
<td>8.0 FCE</td>
<td>2.0 FCE from MPP</td>
<td>6.0 FCE from MGA</td>
</tr>
<tr>
<td></td>
<td>5 sessions/20 months</td>
<td>24 months</td>
<td>6 sessions/24 months</td>
</tr>
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</table>

- **MGA requirements that are part of the DDP**
- **MPP courses that are part of the DDP and are exclusions for the similar MGA courses**
- **MPP courses/requirements that are part of the DDP**
- **MPP courses not included in the DDP**
6 Admission Process

When do students normally apply to the Dual Degree Program(s) and what is the pattern of registration (i.e. conditional and full admissions to the graduate program in the case if undergrad/grad)

In consultation with Sciences Po, this proposal is based on a joint admission process from the outset, which is the norm with Sciences Po dual degree programs with other North American institutions. Sciences Po will host the admission process, providing the MGA Program with access to all the admission materials submitted by the applicants. The admission criteria have been set jointly, based on the most selective criteria for each of the two partners (see below). In this way, students must meet the application requirements of both programs to be admitted to the dual degree. In short, applicants must be acceptable to both the MGA and the MPP Programs to gain admission to the dual degree program.

Students interested in the dual degree will apply from the outset to this specific dual degree program. They will do so through the Sciences Po online admissions application (which will be made available through both the Sciences Po website as well as the Master of Global Affairs website), at the deadline to be agreed on each year, usually by the end of January. Applying to the dual degree does not preclude an applicant from applying separately to the MGA Program or to the MPP. Applicants will provide supporting documents for admissions review. After the deadline has passed, Sciences Po will provide the MGA Program with all applicant admission materials. Sciences Po and the MGA Program will select which applicants they would like to admit into the program and will combine a list of all dual degree applicants who were admitted by both Sciences Po and the MGA Program. Only admitted students will then be contacted to complete the SGS OAA system.

Students will be admitted, from the outset, to the dual degree program, and must remain in the dual degree throughout. Because dual degree students are registered at Sciences Po in Year One, in exceptional cases (e.g. health concerns), if a student wishes to withdraw from the dual degree and to remain at Sciences Po for a single MPP, they will have to inform both institutions. The withdrawal will be discussed by the Dean of the School of Public Affairs at Sciences Po and the Director of the MGA at the Munk School of Global Affairs. It is then up to Sciences Po to decide if they will allow the student to be admitted to the MPP Program.
7 Admission Requirements

What are the admission requirements of the Dual Degree Program(s)? (note that the admission requirements may be more strenuous through the Dual Degree than if the programs are applied to separately.)

- Please consider any specific courses that students must complete in the first program(s) to be eligible for the Dual Degree Program(s), and any requirements unique to the combination
- Are there any conditions on admissions to the second program(s) that must be met?

Please ensure you complete the specific questions in the box.

Since applications will be centralized on Sciences Po Admission website, admission requirements from Sciences Po and the MGA Program will be combined. The more competitive requirements of the two institutions will apply.

Requirements:

- BA or equivalent.
- A minimum CGPA of a mid-B and a minimum final year GPA of a B+ (3.3/4.0 GPA).

Application Documents

- Official Transcripts
- Resume or CV
- 2 Academic Letters of Reference
- Statement of Intent
- Proof of English Language Proficiency
  - TOEFL 100
  - IELTS 7 no subscore under 6
  - Cambridge English: Advanced
  - TOEIC "Listening and Reading": 945/990 and "Speaking and writing": 360/400
  - PTE Academic 68

- Proof of French Language Proficiency (if French track is chosen at Sciences Po)
  - TCF 500 (Compulsory and optional parts required : 500 points with no sub-score below 14/20 for the optional parts)
  - DALF C1 ou C2
  - C1 or C2 French certificate delivered by Sciences Po Summer School

8 Calendar Copy

Please see Appendix A for SGS Calendar copy.
9 Consultation

Outline the discussions that have taken place between the partners which underpin this proposal. Attach as an Appendix an MOU outlining the basis on which the program will be offered including registration, BIUs, tuition, and any resource requirements with implications for the units/Faculties. The Vice-Provost, Academic Programs Office will assist with Planning & Budget and International, Government & Institutional Relations in financial modeling and inter-institutional agreements.

Consultation with the full leadership team at Sciences Po in the School of Public Affairs and with the UofT Master in Public Policy, offered by the School of Policy Policy and Governance (SPPG) in the Faculty of Arts and Science has been completed. Students at the Munk School enrolled in the Dual Degree with Sciences Po will be allowed to take elective courses at SPPG, and this will be specifically acknowledged in all advertising material.

10 Governance Process

<table>
<thead>
<tr>
<th>Steps</th>
<th>Approval</th>
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<tbody>
<tr>
<td>Consultation with Department Chair/Director and Dean to determine feasibility and desirability of concept</td>
<td></td>
</tr>
<tr>
<td>Consultation with Provost's Office to determine whether the proposed relationship is compatible with the goals and principles of the University (determined in consultation with International, Government and Institutional Relations).</td>
<td>Spring 2016</td>
</tr>
<tr>
<td>Development of proposal in close consultation between Dean’s Offices</td>
<td>Spring 2017-Fall/Winter 2016</td>
</tr>
<tr>
<td>Development of MOA in close consultation between Dean’s Offices, and with Provost's Office (PO coordinates with P&amp;B and IGIR)</td>
<td>Fall 2016</td>
</tr>
<tr>
<td>MOA: Provost’s Office approval</td>
<td></td>
</tr>
<tr>
<td>Proposal: Unit level approval as appropriate*</td>
<td></td>
</tr>
<tr>
<td>Proposal: Faculty/Divisional Councils</td>
<td></td>
</tr>
<tr>
<td>MOA: Signing (including Provost and Dean for U of T)</td>
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<tr>
<td>Submission to Provost’s Office</td>
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<tr>
<td>----------------------------------------</td>
<td></td>
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<tr>
<td>Report to AP&amp;P (by P.O.)</td>
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<tr>
<td>Report to Ontario Quality Council (by P.O.)</td>
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</table>
Appendix A: SGS Calendar Copy

Published 2016-17 SGS Calendar for editing purposes only [exported July 28, 2016]

Global Affairs: Introduction

Faculty Affiliation

Arts and Science

Degree Programs Offered

Global Affairs

MGA

Combined Degree Programs

Law, JD / MGA
Management, MBA / MGA

Dual Degree Programs

MGA (University of Toronto) / Master of Public Policy (Sciences Po, Paris)

Collaborative Programs

The following collaborative programs are available to students in participating degree programs as listed below:

1. Asia-Pacific Studies
   - Global Affairs, MGA
2. Environmental Studies
   - Global Affairs, MGA
3. Ethnic and Pluralism Studies
   - Global Affairs, MGA
• Overview

The **Master of Global Affairs (MGA)** is a two-year professional program, consisting of four sessions of coursework and a compulsory summer internship. The purpose of this program is to provide an outstanding professional, multidisciplinary education to train the next generation of global leaders of international institutions, global civil society, and business. The MGA will equip students with a sophisticated understanding of the larger political, economic, and social contexts of global affairs and with the skills necessary to work strategically and effectively within the evolving global system. The MGA integrates the study of global institutions, global civil society, and the global economy and markets into the same program, and requires that students learn about each area and about the interconnections between them. In offering a curriculum that provides both breadth and depth, the MGA draws on the scholarly strength of faculty from a range of disciplines and subject areas.

The Munk School also offers Combined Degree Programs (JD/MGA, MBA/MGA), Collaborative Programs, and a Dual Degree Program (with Sciences Po, Paris).

**Contact and Address**

Web: www.munkschool.utoronto.ca/mga/
Email: mga@utoronto.ca
Telephone: (416) 946-8917
Fax: (416) 946-8915

Munk School of Global Affairs
University of Toronto
315 Bloor Street West
Toronto, Ontario M5S 0A7
Canada

**Global Affairs: Global Affairs MGA**

**Master of Global Affairs**

**Minimum Admission Requirements**

- Applicants are required to meet the General Regulations of the School of Graduate Studies. Applicants must also satisfy the Munk School's additional admission requirements stated below.
- An appropriate bachelor's degree with a minimum standing in the final year equivalent to at least a University of Toronto B+.
- Open to all disciplinary backgrounds
Program Requirements

- This is a two-year program taken on a full-time basis over 20 consecutive months.
- 8.0 full-course equivalents (FCEs), as follows:
  - 4.0 FCE core courses in Year 1 (eight half-course equivalents)
  - 0.5 FCE GLA 1007H *Global Internship* in the Summer session between Years 1 and 2
  - 1.0 FCE core courses in Year 2: GLA 2000H *Capstone Seminar* and GLA 1009H *Financial Management for Global Organizations*
  - additional 2.5 FCEs in Year 2 (five half courses) at the 2000 level from the Munk School of Global Affairs
- Students lacking a background in microeconomics are required to take GLA 1010H *Microeconomics for Global Affairs* in the first session of Year 1.

Program Length

5 sessions full-time (typical registration sequence: F/W/S/F/W)

Time Limit

3 years full-time

**Dual Degree: Master of Global Affairs (University of Toronto) / Master of Public Policy (Sciences Po)**

Application Process

- Applicants must apply through the Sciences Po admission website. Applicants are then jointly selected and admitted by the MGA at the University of Toronto and the MPP at Sciences Po. All applicants must complete the Sciences Po online admissions application. All applicants who are admitted to the Dual Degree Program must then also register on the University of Toronto’s School of Graduate Studies OAA system.

Minimum Admission Requirements

- Please note the requirements below apply to the Dual Degree Program.
- Applicants are required to meet the General Regulations of the School of Graduate Studies. Applicants must also satisfy the Dual Degree Program’s additional admission requirements, as stated below.
- An appropriate bachelor's degree with a standing in the final year equivalent to at least a University of Toronto B+, and a cumulative standing equivalent to at least a University of Toronto mid-B.
- Applicants whose primary language is not English and who have graduated from a university where the primary language of instruction is not English must provide Proof
of English Language Proficiency
- TOEFL 100
- IELTS 7 no subscore under 6
- Cambridge English: Advanced
- TOEIC “Listening and Reading”: 945/990 and “Speaking and writing”: 360/400
- PTE Academic 68

Proof of French Language Proficiency is also necessary if the French track is chosen at Sciences Po:
- TCF 500 (Compulsory and optional parts required: 500 points with no sub-score below 14/20 for the optional parts)
- DALF C1 or C2
- C1 or C2 French certificate delivered by Sciences Po Summer School
- Open to all disciplinary backgrounds.

Program Requirements

<table>
<thead>
<tr>
<th>Year</th>
<th>Location</th>
<th>Requirements</th>
</tr>
</thead>
</table>
| 1    | Paris    | - 13 to 14 MPP courses (60 ECTS) including:  
|      |          |   o 5 core courses:  
|      |          |      Public Policy  
|      |          |      Public Economics  
|      |          |      Quantitative Analysis  
|      |          |      Law  
|      |          |      Leadership  
|      |          |   o 3 to 4 policy stream courses  
|      |          |   o 3 elective courses  
|      |          |   o 2 language courses  |
| Summer 1 | International | - GLA1007H1: MGA Internship (0.5 FCE)  
|          |          |   o Final paper to be submitted in September  |
| 2    | U of T   | - 10 MGA courses (5.0 FCE) including:  
|      |          |   • GLA1002H1: Global Civil Society  
|      |          |   • GLA1001H1: Macro- and International Economics  
|      |          |   • GLA1003H1: Global Security  
|      |          |   • GLA106H1: Public International Law  |

3The following MPP policy streams will be available to students in the dual degree program: English Track: Management and Public Affairs; Politics and Public Policy; Regulatory Policy; Digital, New Technology and Public Policy; Economics & Public Policy. Markets & Regulation, Social Policy & Social Innovation. French or English Track: Global Health; Energy, Resources & Sustainability; Cultural Policy & Management. French Track: Defense & Security, Public Administration

4Because some elective courses in the MPP result in course exclusions in the MGA, each student will be advised on the appropriate selection of MGA courses in year two of the dual degree program based on courses they have completed in the MPP in year one. Decisions about course exclusions are made by the MGA program director.
Global Affairs: Global Affairs MGA Courses

Year 1

Core Courses (Required)

GLA 1001H  Macro and International Economics
GLA 1002H  Global Civil Society
GLA 1003H  Global Security
GLA 1004H  Global Policy Analysis
GLA 1005H  Decision Making and Strategic Thinking in the Global System
GLA 1006H  Public International Law
GLA 1011H  Global Innovation
GLA 1012H  Data and Analytics

- Summer Course (Required)

GLA 1007H  Global Internship

- Background Courses (Required for Students Without a Microeconomics Background)

GLA 1010H  Microeconomics for Global Affairs

Year 2

5 Elective courses are organized into the following areas: Global Markets, Global Civil Society and Global Institutions.
Core Courses (Required)

GLA 1009H  Financial Management for Global Organizations (not required for students in the Combined Degree Program: Management, MBA / MGA)
GLA 2000H  Capstone Seminar (CR/NCR)

Elective Courses (Subject to Change)

GLA 2001H  Global Capital Markets and Global Strategies
GLA 2002H  Development Policy and Change
GLA 2003H  Global Governance
GLA 2005H  Negotiating Internationally
GLA 2006H  The Global Political Economy of Finance and Investment
GLA 2009H  The Political Economy of Global Cities
GLA 2010H  Geopolitics of Cyberspace
GLA 2012H  The Global Political Economy of Trade
GLA 2013H  Topics in Global Violence
GLA 2014H  Innovation and Economic Development
GLA 2015H  Economic Competitiveness and Social Protection
GLA 2016H  Global Legal Strategy
GLA 2018H  Innovation and the City
GLA 2021H  Innovation, Institutions, Governments, and Growth
GLA 2022H  Global Institutions and Diplomacy
GLA 2025H  Global Affairs Lab
GLA 2026H  Global Affairs Lab II
GLA 2050H  Selected Topics in International Studies
GLA 2051H  Global Violence
GLA 2055H  International Law and International Relations Law Journal Reading Course (Credit/No Credit)
GLA 2080H  Topics in Global Innovation I
GLA 2090H  Topics in Global Affairs I
GLA 2091H  Topics in Global Affairs II
GLA 2092H  Topics in Global Affairs III
GLA 2093H  Topics in Global Affairs IV
GLA 2095H  MGA Reading Course
GLA 2096H  Topics in Global Affairs V
GLA 2097H  Topics in Global Affairs VI
GLA 2098H  Topics in Global Affairs VII
GLA 2555H  Intensive Course in Innovation Policy I
GLA 2556H  Intensive Course in Innovation Policy II
GLA 2557H  Intensive Course in Innovation Policy III
GLA 2888H  MGA Research Paper
GLA 2999H  Global Problem Solving: Laboratory Opportunities (exclusion: GLA 2999Y)
JCR 1000Y An Interdisciplinary Approach to Addressing Global Challenges
JMG 2020H Big Data
JSE 1708H The Development of Sustainability Thought
## Appendix B

### Sciences Po MPP Dual Degrees with International Institutions

<table>
<thead>
<tr>
<th>Sciences Po</th>
<th>Partner Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Institute of Public Affairs at the London School of Economics and Political Sciences (LSE)</td>
<td>Sciences Po/University of St. Gallen (Switzerland)</td>
</tr>
<tr>
<td>Sciences Po/School of International and Public Affairs (SIPA) at Columbia University, New York</td>
<td>Sciences Po/University Luigi Bocconi (Italy)</td>
</tr>
<tr>
<td>Sciences Po/Hertie School of Governance in Berlin</td>
<td>Sciences Po/Graduate School of Public Policy (GraSPP) at the University of Tokyo</td>
</tr>
</tbody>
</table>

### Sciences Po MPP Dual Degrees with French Institutions

<table>
<thead>
<tr>
<th>Sciences Po</th>
<th>Partner Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sciences Po/HEC Paris (France)-Corporate and Public Management</td>
<td>Sciences Po/Ecole du Louvre (France)</td>
</tr>
</tbody>
</table>
Appendix C

Sciences Po is an ideal institutional partner for this dual degree. Sciences Po – formally the Institut d’Etudes Politiques de Paris – was established in 1872, and is one of France’s grands établissements, with five of the last six French Presidents among its graduates. It has several schools within it – including the School of Public Affairs – and partnerships with over 400 universities worldwide. It was historically the most successful and top track to the elite French Ecole Nationale d’Administration. As one of the top ranked educational institutions in France, Sciences Po currently ranks 4th in the world for Politics and International Studies. It is a member of APSIA as well as the Global Public Policy Network. Geographically, these two degrees – the Master of Global Affairs located in Toronto, and the Master in Public Policy located in Paris, France – also allow students to build global insights and networks through their immersion on campuses in North America and Europe. Indeed nearly half of Science Po’s students are international and come from 150 countries, on a campus that teaches twenty five languages. Sciences Po is a hub of first-class academic and student activity, and through its teaching and location offers students access to distinguished practitioners from many fields. Taken together, this dual degree will allow students to emerge as exceptionally well-trained practitioners and analysts of global affairs across policy domains and sectors.
Appendix D: Description of Sciences Po Policy Streams

English Track
Management and Public Affairs

A new area of public affairs is calling for a new kind of manager. An evolving awareness of individuals and groups is forging a different public policy paradigm, where the frontiers between public sector, private sector, organizations and civil society are blurred. To evolve between those different layers, from the local to the global perspective, from public-private partnerships to organization and civil society, managers of public affairs must develop alternative skills.

Politics and Public Policy

This policy stream in Politics and Public Policy offers excellent preparation for further research work or for work in the public sector, in policy analysis and consultancy in European institutions and non-governmental organizations, and in the private sector. Students learn about political processes and institutions in democracies and non-democracies around the world, with a special focus on the European continent. Throughout the stream, the focus is on both national and European politics. The stream gives students a specialization in a subfield of political science, as well as rigorous research training.

Regulatory Policy

This policy stream is designed to prepare students to be competent in policy-making, with a perspective on how policies affect the everyday life of business and citizens. Whether at the European or national level, graduates should be adept at ensuring that policies are efficient and effective. Indeed, it is through the use of regulations, laws and other instruments that governments intervene in the economy in pursuit of their objectives. This policy stream offers students advanced training in economics and law, rigorous analytical and quantitative knowledge, and the necessary professional skills to apply to a variety of policies, with a special focus on competition and regulatory policy. This policy stream, with a duration of three semesters, tackles a wide range of domains and investigates when regulation works and what kind of regulatory instruments and institutions are pertinent for the economy and society. The courses address in a transversal way the most effective approaches to ensure transparent and participatory regulatory processes.

Digital, New Technology and Public Policy

The digital revolution is transforming the inner workings of our economies, businesses, democracies, social models and public affairs. The aim of this policy stream is to understand the evolution of economic and human activities that are direct results of digital technology and to explore the regulatory measures to be taken by public policy and civil society. It prepares the next generation of actors to leverage the nexus of interactions between exponential technologies, public affairs and civil society.

Economics & Public Policy

This policy stream is designed to prepare the next generation of leaders in economic policy-making. It equips highly skilled economists with rigorous analytical and quantitative knowledge and professional skills applied to a variety of policies from competition policy and regulation, monetary, financial and fiscal policy to employment and social policy. This stream equips students to pursue careers related to economic policy making in governmental organizations, international organizations and public agencies. It also meets the needs of highly trained economists working in the private sector, for instance in banking, consultancy, public-private partnerships or non-governmental organizations.
Markets and Regulation

The policy stream Markets and Regulation is designed to prepare the students to be competent in policy-making with a perspective on how policies are affecting the everyday life of business and citizens. Whether at European or national level, the graduates should be competent to ensure that the policies are efficient and effective. Indeed, it is through the use of regulations, laws and other instruments that governments intervene in the economy in pursuit of their objectives. The policy stream offers the students an advanced training in economics and law as well as a rigorous analytical and quantitative knowledge and professional skills applied to a variety of policies with a special focus on competition and Markets and Regulation. The three semesters long policy stream tackles a wide range of domains and investigates when regulation works and what kind of regulatory instruments and institutions are pertinent for the economy and society. The courses address in a transversal way the most effective approaches to ensure transparent and participatory regulatory processes.

Social Policy and Social Innovation

In this policy stream, students are engaged in the study of today's most significant societal challenges and welfare state transformations, at the intersection between welfare systems, demographic shifts, globalization dynamics and the increasing social equity concerns in education, employment, income, health and well-being. Students learn about the latest social policy theoretical and empirical research in interdisciplinary perspectives and gain an understanding of the mechanisms by which policy patterns and trends impact social change.

French or English Track

Global Health

While the dramatic advances of the last several decades in transportation, communication, and technology have created unparalleled opportunities to improve the health of the world’s population, including the poorest, they have also simultaneously put the planet at risk for large-scale disasters and pandemics. Meanwhile, a large eco-system of private firms, public-private partnerships, international organisations, private foundations, NGOs and consultancies has grown and dramatically changed the landscape. This policy stream addresses today's most important global and domestic health challenges and prepares its graduates for positions across a range of organizations, from public and private, national, bilateral and multilateral.

Energy, Resources & Sustainability

Climate change, scarcity of resources and energy transition are some of the most acute challenges faced by today's society. These require policy and decision makers in the energy field able to comprehend and analyse those challenges with a global approach in order to bring about a more sustainable model. Sustainability should be a central objective in the design of new policies and the making of all decisions as it conditions the common good in the medium and long run.

Cultural Policy & Management

By exploring the connections between culture and public affairs and by questioning the place and the value of culture in the global and sustainable economy, this policy stream is specifically designed to prepare the next generation of key players in cultural policy-making, the creative industry, and the management of cultural organisations and major cultural projects, at local and global levels.

French Track

Defense & Security

The policy stream 'Defense and Security' is designed for students who wish to exercise responsibility in this field, in the public and private sectors. It provides students with a
comprehensive view of the main security and defense issues in a context where the emergence of new threats (environment, cyberspace...) generates a complete reconfiguration of state policies, businesses and organizations.

**Public Administration**

The policy stream in Public Administration is designed to provide students with the fundamental knowledge in public law, public finance and social or European issues, as well as with the practical skills needed to hold executive positions in administrations. This programme is intended for students who wish to integrate administrations or to hold positions in private companies for which the joint cooperation and interaction with the public sector plays a structuring role.
Appendix E:

Description of MGA core courses required for dual degree students

1. GLA1002H1: Global Civil Society
   a. **Description:** Explores the emergence, growth, and influence of global civil society organizations and networks, as well as global foundations. Examines their various roles, from knowledge generation and knowledge sharing, to policy development and policy change, advocacy, norm development, global agenda setting, transnational governance and regulation, to program delivery and policy implementation. Examines these processes through the analysis of the interactions among global civil society with states, intergovernmental organizations and processes, and the private sector. Course format will include lecture, discussion and may include guest speakers who have had leadership roles in civil society organizations.

2. GLA1001H1: Macro- and International Economics
   a. **Description:** Introduction to the key concepts of international trade and international finance, with attention to contemporary issues and policy. Empirically assesses alternative trade theories, and examines international commercial policy, international finance and macroeconomics, as well as their relationship to broader global issues. The course is designed to utilize understanding of international trade and international finance to help students think through real world events and design policy responses. The supplementary readings thus deal with key world issues in order to illustrate the more abstract material and to engage with global economic policy challenges.

3. GLA1003H1: Global Security
   a. **Description:** Analyses the global security architecture, grand strategy, and contemporary and emerging security challenges. Topics may include the evolution of contemporary national security doctrines, the implications of shifting loci of power for global security, the role and limits of multilateral security arrangements, the role of intelligence and intelligence failure, and threat assessments of emerging or ongoing security problems such as nuclear proliferation, terrorism, and insurgency.

4. GLA1006H1: Public International Law
   a. **Description:** Introduces students to public international law and the global legal environment, with an emphasis on legalization and the interaction of law, institutions, civil society, and the global marketplace. Students will be introduced to: the sources of international law (treaties, custom, and the debates about the role of other sources); the concept of international legal personality (the concept of the sovereign state; the evolving role of other international actors, such as international organizations, non-governmental organizations, firms, and individuals); questions of jurisdiction over territory and persons; the relationship between international and domestic law; the peaceful settlement of international disputes in multiple issue areas. Students will also be introduced to topical areas in international law, such as the evolving roles of UN organs such as the Security Council and the International Court of Justice; the law relating to the use of force; the law of state responsibility; the protection of human rights and the environment; international criminal law; international humanitarian law; international economic and trade law; and the law of the sea.

5. GLA1011H1: Global Innovation
   a. **Description:** This course provides an introduction to cross-national study of the role of the state in industrial development, innovation, and business-government relations. The emphasis is on providing a broad base of the competing theoretical perspectives with particular attention to the different ways in which
state and markets interact in rapid-innovation-based industries. Special consideration is given to the role of Science and Technology Industrial Policies, Innovation, and Economic Development. Centering our attention on politics the seminar examines the nature and extent of government in business and business in government.

6. GLA1009H1: Financial Management for Global Organizations
   a. **Description:** An introduction to financial planning and budgeting, financial analysis, and financial management in the corporate and public sector from the perspective of the chief financial officer (CFO). The course first introduces basic principles of accounting for students without a background in Finance. It then considers topics in corporate finance such as working capital management and capital budgeting in the context of floating exchange rates, different regulatory environments and global capital markets. Special attention is given to the estimating cost of capital (and by extension, of valuing stocks and bonds) in global financial markets as it pertains to investment and budgeting decisions.

7. GLA2000H1: Capstone
   a. **Description:** The Capstone course will rely on clients, representing the private sector, an international organization, a non-governmental organization, or government. Students will work in teams to tackle a current issue confronting these clients and their organizations. Students will learn to analyze these problems across dimensions of global economy and markets, global institutions, and global civil society. Throughout the course, students will engage in activities designed to assist global problem-solvers, while also looking for opportunities to defend and advance their clients’ organizational interests.

**MGA 2 Current Elective Courses, by Topic:**

**Development and Innovation**
- Global Development and Change
- Innovation and Economic Development
- Innovation and the City
- Innovation, Institutions, Governments and Growth
- Conflicts and Socioeconomic Development
- Global Challenges
- Innovation Systems
- Small States in Global Affairs: Seeing Taiwan

**Market/IPE courses**
- The Global Political Economy of Finance and Investment
- Economic Competitiveness and Social Protection
- Global Economic Policy Lab
- International Trade
- Global Capital Markets
- Investment and Growth in Emerging Markets

**Security**
- Intelligence and Special Operations
- Grand Strategy and Global Threats
- Geopolitics of Cyberspace
- Nuclear Weapons and International Politics
• Canadian Defense Policy Since the End of the Cold War

**Justice**

• Justice Reforms in Global Context  
• Global Justice Advocacy  
• Humanitarian Practice

**Sustainability**

• The Development of Sustainability Thought

**Perspective courses**

• Negotiating Internationally  
• Government Relations  
• Solving City Problems with Data Analytics  
• Research Paper Practicum  
• Global Journalism  
• Global Risk and Risk Governance
Appendix F: Combining the Core Value of Both Degrees

U of T, Munk School of Global Affairs: Master in Global Affairs (MGA):

Offers students the hard and soft skills they need to excel in their field of specialization, as well as an understanding of the broader economic, political, and social architecture of global affairs.

Equips students with an awareness of global economic and financial systems, global civil society, and global strategic and security issues.

Essential three streams of global economy and markets, global institutions, and global civil society are explored with immersion in policy analysis, global security, and international law.

Munk School Global Internship connects students with opportunities in top-tier businesses, international and national institutions, and civil-society organizations—and connects organizations with a new generation of leaders prepared to thrive in the global milieu.

Brings scholars and practitioners together to ensure that students’ thinking is informed by rigorous theoretical work as well as real-time, real-world experience.

Prepares students for strategic thinking and responsible leadership on global issues.

Munk School Capstone project will have the students working with a Munk School of Global Affairs partner organization. This is based on a question/problem/issue of interest or relevance to the partner, who functions here as an organizational “client” with a problem to solve.

SciencesPo, School of Public Affairs: Master in Public Policy (MPP):

Incorporates a multidisciplinary approach, anchored in social sciences, with a focus on exploring the intersection between public affairs and cutting-edge technologies.

Develops an emphasis on policy and decision making 2.0, transitioning from a whole of government to a whole of society approach, to investigate new practices of citizenship and participative democracy.

Adopts a multidimensional and panoramic vision of public affairs that embraces a plurality of values, ethics and cultural contexts.

Fuses frontier research and pedagogical innovation to equip new actors to harness today’s increasing complexities and to surmount the boundaries of clustered knowledge.

Sciences Po Grand Oral project of the French tradition which consists of a presentation before a jury on a policy topic. It is a long-held tradition in the institution, to the extent that it forms part of the school’s identity. It is one of the final aims of our educational project: to pass on knowledge, to develop aptitudes in our students and encourage attitudes such as intellectual courage and the capacity to deal with complexity.
MUNK SCHOOL OF GLOBAL AFFAIRS (MGA) + SCIENCESPO (MPP):

- Allows students to gain two distinct and complementary degrees — a Master of Global Affairs (MGA) from Toronto and a Master in Public Policy from Sciences Po in Paris — in two years (24 months).

- The Dual Degree program would uniquely position its graduates to enter the field of global affairs, particularly on the European and international fronts.

- Geographically, these two degrees — the MGA located in Toronto, and the Master in Public Policy located in Paris, France — will also allow students to build global insights and networks through their immersion on campuses in North American and Europe.

- The Dual Degree program would allow students to emerge as exceptionally well-trained practitioners and analysts of global affairs across policy domains.

- Includes completion of the Capstone Seminar at Munk and Grand Oral at SciencesPo.

- The MGA at the Munk School of Global Affairs offers a professional program to address the pressing challenges of the 21st century. Students gain immersion and practical experience in rapidly changing fields of global innovation, justice, international political economy, digital and global security, and sustainability, and gain a unique framework for analyzing and working in the global system.

- The Master in Public Policy at Sciences Po, in contrast, complements these strengths by providing a unique immersion in policy challenges with an emphasis that includes digital and new technologies, social policy and social innovation that includes globalization dynamics and equity concerns, global health, cultural policy and management with a focus on the role of culture in global cities and the global economy, energy, resources and sustainability with a global career track, as well as economics and the management of public affairs across cultural contexts. Key to the Master in Public Policy is an emphasis on a plurality of values, ethics, and cultural contexts — all of which are core to the study of global affairs.