

**UNIVERSITY OF WATERLOO
SENATE GRADUATE & RESEARCH COUNCIL
NOTICE OF MEETING**

DATE: Monday 12 December 2022
TIME: 11:00 a.m. – 12:00 noon
PLACE: NH 3318/3308

Chair – J. Casello

AGENDA

<u>Item</u>	<u>Action</u>
Declarations of Conflict of Interest a. Excerpt from Bylaw 1, section 8*	Information
CONSENT AGENDA	
Motion: To approve or receive for information by consent, items 1-4 below	
1. Minutes of 14 November 2022*	Decision (SGRC)
2. Research Ethics* (Joza) a. Clinical Research Ethics Board – membership update	Decision (SGRC)
3. Graduate Awards* a. Black Graduate Students EDI-RO Award (operating) b. Ogimaa Indigenous Graduate Scholarship (trust) c. Conrad Family MBET Scholarships (trust)	Decision (SGRC) Decision (SGRC) Information
4. Curricular Submission a. Environment* (Peter Deadman) b. Arts* (Anna Esselment)	Decision (SGRC) Decision (SGRC)
REGULAR AGENDA	
5. Business Arising from the Minutes – Casello re: Item 5 – SGRC 14 Nov 2022 ; / Nilsen re: Communications about Benefits Plans	Information
6. Co-chairs' Remarks	Information
7. Graduate Studies and Postdoctoral Affairs: Updates to Non-degree Graduate Student Definition* (Simm)	SEN-Regular
8. Curricular Submissions a. Arts* (Anna Esselment)	SEN-Regular
9. Senate Governance Review Memo* (Casello/Dean)	Information
10. Other Business	Information
11. Next Meeting: 9 January 2023 from 10:30 a.m. - 12 noon; NH3318	Information

*material attached
** to be distributed separately
“SGRC” to be approved on behalf of Senate
“SEN” to be recommended to Senate for approval

5 December 2022

Kathy Winter, PhD, CPsych
Assistant University Secretary

Excerpt from Senate Bylaw 1

8. Declarations of conflict of interest

8.01	At the beginning of each meeting of Senate or any of Senate's committees or councils, the chair will call for members to declare any conflicts of interest with regard to any agenda item. For agenda items to be discussed in closed session, the chair will call for declarations of conflict of interest at the beginning of the closed portion of the meeting. Members may nonetheless declare conflicts at any time during a meeting.
8.02	A member shall be considered to have an actual, perceived or potential conflict of interest, when the opportunity exists for the member to use confidential information gained as a member of Senate, or any of Senate's committees or councils, for the personal profit or advantage of any person, or use the authority, knowledge or influence of the Senate, or a committee or council thereof, to further her/his personal, familial or corporate interests or the interests of an employee of the university with whom the member has a marital, familial or sexual relationship.
8.03	Members who declare conflicts of interest shall not enter into debate nor vote upon the specified item upon which they have declared a conflict of interest. The chair will determine whether it is appropriate for said member to remove themselves from the meeting for the duration of debate on the specified item(s).
8.04	Where Senate or a committee or council of Senate is of the opinion that a conflict of interest exists that has not been declared, the body may declare by a resolution carried by two-thirds of its members present at the meeting that a conflict of interest exists and a member thus found to be in conflict shall not enter into debate on the specified item upon which they have declared a conflict of interest. The chair will determine whether it is appropriate for said member to remove themselves from the meeting for the duration of debate on the specified item(s).

University of Waterloo
SENATE GRADUATE & RESEARCH COUNCIL
Minutes of the 14 November 2022 Meeting
[in agenda order]
Needles Hall 3318/3308

Present: Steven Bednarski (for Drysdale), David Clausi, Charmaine Dean, Rob de Loe (for Clarke), Peter Deadman, Bernie Duncker, Anna Esselment, Ana Ferrer, Bertrand Guenin, Alison Hitchens, Ryan Johnson, Zerihun Kinate, Brian Laird, William McIlroy, Liz Nilsen, Jennifer Reid, Mike Szarka, Kathy Winter (secretary).

Resources: Carrie MacKinnon, Amanda McKenzie.

Guests: N. Asokan, Aldo Caputo, Carol Ann MacGregor, Dina Meunier, Johanna Wandel, Richard Wikkerink, Stan Woo

Regrets: Jeff Casello*, Aiman Fatima, Aiden Huffman, Julie Joza*, Anita Layton, Ian Milligan*, Martin Ross, Siva Sivoththaman*, Marianne Simm, Julian Surdi, John Thompson.

Organization of Meeting: Charmaine Dean, co-chair of the council, took the chair, and Kathy Winter acted as secretary. The secretary advised that due notice of the meeting had been given, a quorum was present, and the meeting was properly constituted.

DECLARATIONS OF CONFLICT OF INTEREST

No conflicts of interest were declared.

CONSENT AGENDA

Council heard a motion to approve or receive for information the items of the consent agenda. Ferrer and Guenin. Carried.

1. MINUTES OF 3 October 2022

Council approved the minutes of the meeting as distributed.

2. GRADUATE AWARDS

Council approved items a and b, as presented. Council received items c and d for information.

REGULAR AGENDA

3. BUSINESS ARISING FROM THE MINUTES

There was no business arising.

4. CO-CHAIRS' REMARKS

Dean reminded council of: (a) the upcoming Research Data Management (RDM) Institutional Strategy [town hall](#) and the draft strategy to follow for comment and (b) that the Senate Governance Review memo, which will provide standardized guidance questions to committees and councils of Senate, is forthcoming from the Secretariat.

5. DIGITAL LEARNING PRINCIPLES AND GUIDELINES

Council heard a motion to recommend to Senate the approval of the Digital Learning Principles and Guidelines as spoken to by Aldo Caputo in his presentation (at Appendix A). Caputo clarified: that the *Principles and Guidelines* would apply to online courses that had been taught prior to development of these guidelines but would not apply to “not for credit” endeavors (such as WATSPEED). Council requested one minor change—for *Universal Principles for Digital Learning #2 and #3* to be presented separately as these are legal requirements (vs. principles) which was addressed by Caputo by adding a first section to the document entitled “Legal Framework”—a conventional heading found within some university Policies and Guidelines. Council also remarked, more broadly, about similar guidelines and processes not existing for in-person courses which Nilsen will follow up.

Although not part of the motion at hand, Caputo also clarified that the *Review and Approval Process*, as presented, is still in the process of being developed and is not anticipated to be the sole function of CEL (i.e., approval pathways beyond CEL will be investigated). Council expressed interest in understanding more about how the *Review and Approval Process* will be developed/communicated/approved; and council requested that, once established, the *Review and Approval Process* come back to this body for review and feedback.

Deadman and Bednarski. Carried with one abstention.

6. RENEWAL-CYBERSECURITY AND PRIVACY INSTITUTE

On behalf of Senate, council approved the renewal of the Cybersecurity and Privacy Institute for a 5-year term, as presented. Council raised the topic of budget (noting concern regarding the significant carry forward for this—and other centres/institutes*) and it was clarified that there is no budget commitment from Provost for this review cycle for this institute. Duncker and Ferrer. Carried.

*On the topic of significant budget carry forward for some university-level centres/institutes, the following was discussed: (a) implications of this in contrast to the faculty-level centres/institutes, (b) existence of surplus and permission to carry forward are pandemic-related and interim, and (c) surplus carry forward is under review and is set to discontinue following a transition period said Duncker.

7. ACADEMIC PROGRAM REVIEWS

On behalf of Senate, council heard a motion to approve the following, as presented:

- a. Final Assessment Report: Master of Catholic Thought. Bednarski and Esselment. Carried.
- b. Final Assessment Report: Doctor of Optometry and Vision Science / Two-year Progress Report: Doctor of Optometry and Vision Science. Hitchens and Reid. Carried.
- c. Two-year Progress Report: Graduate Diploma in Climate Risk Management. Deadman and Bednarski. Carried.

8. QUALITY COUNCIL UPDATE

Council received for information that the Quality Council has a new Quality Assurance framework that requires student input and recommendations. The Quality Council has not provided specific parameters thereon, but McKenzie provided guidance to all Associate Deans and faculties (at Appendix B). Please ensure that reporting is in aggregate only so as to be protective of personal privacy.

9. CURRICULAR SUBMISSIONS

On behalf of Senate, council heard an omnibus motion to approve items, as presented. Laird and Duncker. Carried.

10. OTHER BUSINESS

There was no other business.

11. NEXT MEETING

The next meeting will be held Monday 12 December 2022 from 10:30 a.m. to 12 noon in NH3318.

18 November2022

Kathy Winter, PhD, CPsych,
Assistant University Secretary

Digital Learning Principles & Guidelines

WHAT?

- A set of principles and guidelines intended to serve as both as a baseline for digital teaching and learning at Waterloo, to be endorsed by Senate
- A proposed review and approval process (but these are procedural matters that do not require Senate endorsement in the same way)

Digital Learning Principles & Guidelines

WHY?

- ensuring that digital teaching and learning is done in a manner that complies with university policies and Canadian law, meets Waterloo's standards for quality, and clearly communicates to students the expectations around mode of delivery
- in light of the development of remote courses during the pandemic, many instructors want to offer courses online and the Chairs want a means to assess whether something is 'above the bar' for regular offering
- more digital learning materials are increasingly being developed without CEL partnership, which ensured compliance with guidelines

Digital Learning Principles

1. The learning materials and delivery platforms must conform to all relevant University policies, including meeting security, privacy, ancillary fee, and course outline requirements.
2. The platforms and materials must meet or exceed AODA accessibility requirements.
3. The learning materials must conform to Canadian Copyright law and UW Copyright guidelines.
4. Learning materials are subject to Policy 73 (see brief <https://uwaterloo.ca/associate-vice-president-academic/remote-teaching-and-learning-intellectual-property>) unless covered by separate development agreement or licensing (e.g., Creative Commons or Ontario Open License).
5. Waterloo encourages the reuse of digital materials created at Waterloo as well as the use open educational materials (OERs) developed elsewhere, in an effort to reduce costs to the institution and to students.
6. Instruction should make use of university-supported platforms that provide adequate instructor and student support and ensure a more consistent teaching and learning experience.

Consultation for Major Modifications

Presented by: Amanda McKenzie & Angela Christelis

Quality Assurance Office



Academic Quality Assurance

- Every university is accountable to the Ontario Universities Council on Quality Assurance (Quality Council) and their Quality Assurance Framework (QAF)
- Waterloo has an Institutional Quality Assurance Process (IQAP) document, which aligns with the QAF
- The IQAP is the responsibility of the Provost and is delegated to the AVPA and AVPGSPA with support from the Quality Assurance Office

Major Modifications are a significant change to an existing program:

- **A change in the learning outcomes** (Undergraduate Degree Level Expectations UDLES or graduate Degree Level Expectations GDLES);
- **A change in requirements that differ significantly** from the way the program is offered since its last cyclical program review (e.g., introduction of co-op option, merger of two or more programs);
- **Or significant changes to the faculty delivering the program** (e.g., large number of new hires or retirements)
- **And/or essential resources to the program** (e.g., change to existing delivery by moving a program fully online or to a different campus).”

Examples of Major Modifications

- Introducing a new Minor or Option
- Adding a co-op stream
- Moving program to online delivery
- Changing the name of the program

New QC requirement for all Major Modifications

”Input from current students and recent graduates of the program should be considered as part of the development of the [major modification], with the Proposal [written rationale] including a statement on the way in which the proposed major modification will improve the student experience”

(Quality Assurance Framework, n.d.)

How to Consult about Major Modifications

_____ need ethics approval to survey or hold focus groups students for Quality Assurance purposes.

What evidence do you need to provide?

- When you submit your information and rationale for the major modification to the Secretary of SUC or SGRC, you will need to include *some* evidence of consultation with students (and alumni where possible).
- A short summary or brief table of results from the consultation you have conducted will suffice.
- Specific requirements may evolve over time.
- More details may become available after the Quality Council conducts its first review of our major modifications in late summer of 2023.

Questions & Potential Issues?

Memorandum

To: Members
Senate Graduate and Research Council (SGRC)

From: Julie Joza
Director, Research Ethics

Date: November 25, 2022

Subject: Membership on the Clinical Research Ethics Board

This memo outlines a membership update that will be taking place on the Clinical Research Ethics Board (CREB). This change is for consideration and approval by the Senate Graduate and Research Council.

Clinical Research Ethics Board

New Member

[Dr. William Ngo](#), OD, PhD, Assistant Professor, will begin a three-year term on CREB as the faculty member with expertise in vision science, beginning January 1, 2023, and continuing through to December 31, 2025. William received his OD and PhD from the University of Waterloo School of Optometry & Vision Science. He went on to complete a postdoctoral fellowship at the University of Alabama, Birmingham where he conducted work on a NIH/NEI R01 grant to study the role of human tear film lipids in dry eye disease, and other industry-sponsored clinical studies. William has worked at the Centre for Ocular Research & Education as a Clinician Scientist, conducting human clinical research related to testing the efficacy of ocular surface drugs/devices and the performance of contact lenses. His current research blends wet lab work with clinical research. William is committed to ensuring that scientific inquiry is conducted ethically and supporting CREB in fulfilling its mandate of protecting the welfare of human participants.

Reminder: SGRC members who wish to learn more about the qualifications or academic background and interests of the individual being nominated to the REB are encouraged to contact Julie Joza, Director, Research Ethics at jajoza@uwaterloo.ca. Julie will be pleased to discuss with SGRC members in advance of the meeting the information they may need to help support their decision to recommend the nomination of the individual in becoming a member of the REB. On behalf of the SGRC, the research ethics office retains a copy of each member's CV and expression of interest in being a REB member.



November 28, 2022

TO: Kathy Winter, Assistant University Secretary and Privacy Officer, Senate Graduate and Research Council

FROM: Heidi Mussar, Associate Director, Graduate Financial Aid & Awards

RE: Agenda items for Senate Graduate & Research Council – December 2022

Items for Approval

a) Black Graduate Students EDI-RO Award - operating

Scholarships valued at \$5,000 each will be awarded each term to graduate students registered full time in a doctoral program in any department or Faculty at the University of Waterloo. Interested students must identify as Black* and must have obtained a minimum cumulative average of 75% or equivalent in their current or most recently completed program. Interested students must complete and submit an application found on the Equity, Diversity, Inclusion & Anti-Racism (EDI-RO) website by September 15 (fall term), January 15 (winter term) or May 15 (spring term). As part of the application, students must include a research paper (10-15 pages in length) describing their current or proposed research. A committee within the Office of Equity, Diversity, Inclusion & Anti-Racism will select recipients each term.

**For the purpose of this award, according to the University's Equity Data Strategy, Black students may include those of African, Caribbean, Black Canadian, Afro-Latine, African American, or other African descent. Applicants who identify as Black must provide a written attestation that they identify as belonging to the respective community, including an explanation how their lived experiences demonstrate their inclusion in one of these communities.*

b) Ogimaa Indigenous Graduate Scholarship – trust

A scholarship, valued at \$10,000 will be awarded annually to an Indigenous student registered full time in any graduate program at the University of Waterloo, including affiliated and federated institutions of Waterloo. For the purpose of this award, an Indigenous person is one who is a citizen or member of a First Nations community (Status/Non-Status), Métis or Inuit. To be considered, Indigenous applicants must verify their Indigenous identity with documentation or an affidavit from a recognized Indigenous community as part of their application. This supporting documentation will be verified by the Indigenous Relations Office at the University of Waterloo. Eligible students must submit an application found on the Office of Indigenous Relations website by April 1. A selection committee within the Office of Indigenous Relations will select a recipient based on a combination of academic achievement, demonstrated connection and/or contributions to Indigenous communities through extracurricular and/or volunteer activities, as well as a statement wherein students are asked to describe what receiving this award would mean to them in their pursuit of post-secondary studies.

This fund is made possible by a donation from Dr. Vivek Goel, the University of Waterloo's seventh President and Vice-Chancellor. In 2022, Dr. Goel was given the name "Ogimaa" by Elder and Indigenous Knowledge Keeper and former Chippewas of the Thames First Nation Chief, Myeengun Henry during an Indigenous Commitment Ceremony symbolizing a new beginning on the path towards a genuine understanding of Indigenous issues. The name "Ogimaa" means

leader, and Dr. Goel hopes that this new scholarship for Indigenous graduate students will help pave the way for new leaders of tomorrow.

The period of this defined term award will be from 2023 to 2027. The first selection will be made in June 2023 and the last in June 2027.

Total gift = \$50k

Items for Information

c) Conrad Family MBET Scholarships – trust

Originally approved at SG&RC in September 2012 and amended in September 2017, the award is being further amended by:

- Removing the requirement of a mini business plan as part of the application.

The rest of the criteria remains the same.

FACULTY OF ENVIRONMENT - GRADUATE STUDIES COMMITTEE

REPORT TO SENATE GRADUATE & RESEARCH COUNCIL

December 12th 2022

1. Program Revisions for Approval

a. School of Environment, Enterprise and Development (SEED)

i. Master of Environment and Business

- Articulating the length of program in the GSAC.
- Identifying the typical course load for the full-time and part-time options.
- Adding a requirement for students entering or changing to the part-time option, which involves declaring a plan for degree completion to the Graduate Officer.
- Adding information about course average requirements.
- Updating the course requirements list.
- Changing the admit term from spring to fall.
- Adding information about the two required on-campus block courses.

b. Geography and Environmental Management (GEM)

i. Master of Climate Change (MCC)

- To remove the “qualifying period” information from the listed minimum requirements of the admission requirements section.
- To add GEMCC 653 / FCIT 606 Sustainability Transitions in Cities to the designated climate change electives list.
- To add the cross-listed courses for all the designated climate change elective options.
- To update the term Graduate Studies Practicum to Graduate Studies Internship.
- To add further details regarding the length of the Graduate Studies Internship.

2. New Courses for Approval

i. GEMCC 653: Sustainability Transitions in Cities

ii. GEOG 622: The Future of Work

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Environment

Program: Master of Environment and Business (MEB)

Program contact name(s): Heather Hall, Peter Deadman, Goretty Dias

Form completed by: Steven Young and Heather Hall

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

- 1) *Articulating the length of program in the GSAC.*
- 2) *Identifying the typical course load for the full-time and part-time options.*
- 3) *Adding a requirement for students entering or changing to the part-time option, which involves declaring a plan for degree completion to the Graduate Officer.*
- 4) *Adding information about course average requirements.*
- 5) *Updating the course requirements list.*
- 6) *Changing the admit term from spring to fall.*
- 7) *Adding information about the two required on-campus block courses.*

Is this a [major modification](#) to the program? No

Rationale for change(s):

- 1) *This change achieves greater clarity on program length for professional coursework programs in the GSAC which has benefits for students in terms of immigration and program administration.*
- 2-3) *To provide clarity and information for students, faculty, and staff on the typical course load for the full-time and part-time options, and the part-time option degree completion plan.*
- 4) *To define in the GSAC that 75% GPA is required to graduate, as that has been the practice.*
- 5) *To clarify the capstone courses do not require an additional residency period milestone.*
- 6) *The initial on-campus block course is offered in August, immediately before online courses begin in fall. This change allows students to pay for the block course as they are admitted in fall.*
- 7) *To clarify in the GSAC that the program includes two required on-campus block courses.*

Proposed effective date: Term: Winter Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/environment/school-environment-enterprise-and-development-seed/master-environment-and-business-meb>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
Program information	Program information

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> • Admit term <ul style="list-style-type: none"> ○ Spring • Delivery mode <ul style="list-style-type: none"> ○ Online • Program type <ul style="list-style-type: none"> ○ Master's ○ Professional • Registration option(s) <ul style="list-style-type: none"> ○ Full-time ○ Part-time • Study option(s) <ul style="list-style-type: none"> ○ Coursework <p>Degree requirements</p> <ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Required courses: <ul style="list-style-type: none"> ▪ Foundation courses: <ul style="list-style-type: none"> ▪ ENBUS 601 Business and the Case for Sustainability ▪ ENBUS 602 Introduction to Sustainability for Business ▪ Core courses: <ul style="list-style-type: none"> ▪ ENBUS 620 Business Operations and Sustainability ▪ ENBUS 630 Enterprise Marketing and Social Accountability ▪ ENBUS 640 Strategies for Sustainable Enterprises ▪ ENBUS 650 Environmental Finance ○ Elective courses: <ul style="list-style-type: none"> ▪ Students must complete 2 elective courses; a minimum of 1 of the following ENBUS courses must be completed: <ul style="list-style-type: none"> ▪ ENBUS 612 Social Entrepreneurship and Scaling Social Innovation ▪ ENBUS 622 Product Life Cycle Assessment and Management ▪ ENBUS 632 Sustainability Reporting 	<ul style="list-style-type: none"> • Admit term <ul style="list-style-type: none"> ○ <u>Fall</u> • Delivery mode <ul style="list-style-type: none"> ○ Online • <u>Delivery mode information</u> <ul style="list-style-type: none"> ○ <u>Students are required to attend 2 on-campus block courses at the beginning and end of the program.</u> • <u>Length of program</u> <ul style="list-style-type: none"> ○ <u>Full-time: 3-7 terms (12-28 months)</u> ○ <u>Part-time: 10 terms (40 months)</u> • Program type <ul style="list-style-type: none"> ○ Master's ○ Professional • Registration option(s) <ul style="list-style-type: none"> ○ Full-time ○ Part-time • <u>Registration option(s) information</u> <ul style="list-style-type: none"> ○ <u>The program is normally taken part-time with 1 course per term.</u> <ul style="list-style-type: none"> ▪ <u>Students entering into the part-time option can choose to take 2 courses per term.</u> ○ <u>The typical course load for the full-time option is 2-3 courses per term.</u> ○ <u>Students must declare their plan for degree completion to the Graduate Officer within the first 3 weeks of classes.</u> • Study option(s) <ul style="list-style-type: none"> ○ Coursework <p>Degree requirements</p> <ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Required courses: <ul style="list-style-type: none"> ▪ Foundation courses: <ul style="list-style-type: none"> ▪ ENBUS 601 Business and the Case for Sustainability (<u>this is an on-campus block course offered in August, at the beginning of the program</u>) ▪ ENBUS 602 Introduction to Sustainability for Business ▪ Core courses:

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ ENBUS 642 Stakeholder Engagement, Collaborations and Partnerships ▪ ENBUS 652 Business and Climate Change • 1st Conference Attendance and Report and 2nd Conference Attendance and Report <ul style="list-style-type: none"> ○ Students must participate in at least 2 professional conferences, or equivalent, with the approval of the MEB Program Director. • Capstone Residency Period <ul style="list-style-type: none"> ○ ENBUS 690A Enterprise Sustainability Project ○ ENBUS 690B Enterprise Sustainability Project 	<ul style="list-style-type: none"> ▪ ENBUS 620 Business Operations and Sustainability ▪ ENBUS 630 Enterprise Marketing and Social Accountability ▪ ENBUS 640 Strategies for Sustainable Enterprises ▪ ENBUS 650 Environmental Finance ▪ <u>Capstone courses:</u> <ul style="list-style-type: none"> ▪ ENBUS 690A Enterprise Sustainability Project ▪ ENBUS 690B Enterprise Sustainability Project <u>(this is an on-campus block course offered in spring, at the end of the program)</u> ○ Elective courses: <ul style="list-style-type: none"> ▪ Students must complete 2 elective courses. ▪ A minimum of 1 of the following ENBUS courses must be completed: <ul style="list-style-type: none"> ▪ ENBUS 612 Social Entrepreneurship and Scaling Social Innovation ▪ ENBUS 632 Sustainability Reporting ▪ ENBUS 642 Stakeholder Engagement, Collaborations and Partnerships ▪ ENBUS 652 Business and Climate Change ○ <u>Students must obtain an average of at least 75% in the courses presented in fulfilment of the degree requirements. A failing grade in any course will occasion an automatic review of a student's status by the School and may, in some cases, result in the requirement to withdraw from the program.</u> • 1st Conference Attendance and Report and 2nd Conference Attendance and Report <ul style="list-style-type: none"> ○ Students must participate in at least 2 professional conferences, or equivalent, with the approval of the MEB Program Director.

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
	<ul style="list-style-type: none"> ○ <u>Further details are available from the School of Environment, Enterprise and Development (SEED) website</u>

How will students currently registered in the program be impacted by these changes?

- 1) *This change will not impact currently registered students, it will provide transparency on the duration of the program.*
- 2-7) *Currently registered students will not be impacted by these changes.*

Department/School approval date (mm/dd/yy): 5/30/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 08/18/22

Faculty approval date (mm/dd/yy): 11/17/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable):

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Environment

Program: Master of Climate Change (MCC)

Program contact name(s): Daniel Scott, Teresa Wilson

Form completed by: Teresa Wilson

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

1. *To remove the “qualifying period” information from the listed minimum requirements of the admission requirements section.*
2. *To add GEMCC 653 / FCIT 606 Sustainability Transitions in Cities to the designated climate change electives list.*
3. *To add the cross-listed courses for all the designated climate change elective options.*
4. *To update the term Graduate Studies Practicum to Graduate Studies Internship.*
5. *To add further details regarding the length of the Graduate Studies Internship.*

Is this a [major modification](#) to the program? No

Rationale for change(s):

1. *To-date, we have not had any applications for “qualifying period”. This information is included in the general information and regulations within the GSAC so it still remains an option.*
2. *GEMCC 653 / FCIT 606 was developed for the new Master of Future Cities program and it will also serve as an additional designated climate change elective option for the Master of Climate Change program.*
3. *Adding the cross-listings for all the designated climate change elective options provides greater clarity.*
4. *To align the work integrated learning terminology with GSPA’s terminology and definitions.*
5. *Adding further details regarding the length of the Graduate Studies Internship option provides greater clarity for students and employers seeking extensions.*

Proposed effective date: Term: Spring Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/environment/department-geography-and-environmental-management/master-climate-change-mcc>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Admission requirements</p> <ul style="list-style-type: none"> • Minimum requirements <ul style="list-style-type: none"> ○ Students must have completed a four-year honours Bachelor degree (or equivalent) in a humanities, social science, health, engineering, science, or business discipline with an overall average of at least 75% in the final 20 courses (or last 2 years). ○ In some instances, students with a three-year degree are accepted into a "qualifying period" whereby they take one or two terms of prescribed undergraduate courses and then, if grades on these are high enough (usually 75%), the student is allowed to proceed into the MCC program. Please contact the Department Coordinator for more information on qualifying years. <p>Degree requirements</p> <p>Master's Research Paper option:</p> <ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Students must successfully complete the following graduate level courses (0.50 unit weight per course): ○ 3 required courses: <ul style="list-style-type: none"> ▪ GEMCC 601 Climate Change: Physical Science Basis ▪ GEMCC 602 Climate Change Vulnerability and Adaptation ▪ GEMCC 603 Climate Change Mitigation ○ 2 climate change electives: <ul style="list-style-type: none"> ▪ Students are able to tailor their program of study based on their individual interests by completing 2 climate change designated electives which can be chosen from, but are not limited to, the following list. The availability of climate change designated electives varies year-to-year, including newly approved courses. <ul style="list-style-type: none"> ▪ GEMCC 610 Climate Prediction, Modeling and Scenarios ▪ GEMCC 620 Climate Data and Analytics 	<p>Admission requirements</p> <ul style="list-style-type: none"> • Minimum requirements <ul style="list-style-type: none"> ○ Students must have completed a four-year honours Bachelor degree (or equivalent) in a humanities, social science, health, engineering, science, or business discipline with an overall average of at least 75% in the final 20 courses (or last 2 years). <p>Degree requirements</p> <p>Master's Research Paper option:</p> <ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Students must successfully complete the following graduate level courses (0.50 unit weight per course): ○ 3 required courses: <ul style="list-style-type: none"> ▪ GEMCC 601 Climate Change: Physical Science Basis ▪ GEMCC 602 Climate Change Vulnerability and Adaptation ▪ GEMCC 603 Climate Change Mitigation ○ 2 climate change electives: <ul style="list-style-type: none"> ▪ Students are able to tailor their program of study based on their individual interests by completing 2 climate change designated electives which can be chosen from, but are not limited to, the following list. The availability of climate change designated electives varies year-to-year, including newly approved courses. <ul style="list-style-type: none"> ▪ GEMCC 610 / <u>GEOG 652</u> Climate Prediction, Modeling and Scenarios ▪ GEMCC 620 / <u>GEOG 674</u> Climate Data and Analytics ▪ GEMCC 622 / <u>GEOG 677</u> Climate Change, Natural Hazards and Disaster Risk Reduction ▪ GEMCC 630 / <u>GEOG 653</u> Land Use and the Carbon Cycle ▪ GEMCC 640 / <u>GEOG 678</u> Climate Change

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ GEMCC 622 Climate Change, Natural Hazards and Disaster Risk Reduction ▪ GEMCC 630 Land Use and the Carbon Cycle ▪ GEMCC 640 Climate Change Governance: From Global Treaties to Local Innovation ▪ GEMCC 644 Climate Resilient Canadians and Health Systems ▪ GEMCC 650 Business and Climate Change ▪ GEMCC 652 Climate Change and Community Planning ▪ GEMCC 660 Carbon Accounting and Management ▪ GEMCC 690 Climate Change Projects ○ 2 open electives chosen from the climate change designated electives list, partnering programs within the Faculty of Environment (that are willing to allow the student to enroll in a course), and graduate programs offered by other Faculties (that are willing to allow the student to enroll in a course). ○ Failure to maintain a course average of at least 75% will result in an automatic review of the student's status in the program. The review committee will consist of the Program Director and the Graduate Officer. The review committee may require that the student withdraw from the program. • Master's Research Paper <ul style="list-style-type: none"> ○ The Master's Research Paper will normally be completed in the Spring (third) term. Each student undertaking the research paper option will identify a topic and a suitable advisor in the first two terms in the program. The student will develop a research proposal for approval by their advisor. The research paper should be approximately 12,000 words/50 pages in length. The research paper is evaluated by the advisor and one reader designated by the Program 	<ul style="list-style-type: none"> Governance: From Global Treaties to Local Innovation ▪ GEMCC 644 Climate Resilient Canadians and Health Systems ▪ GEMCC 650 / <u>ENBUS 652</u> Business and Climate Change ▪ GEMCC 652 / <u>PLAN 627</u> Climate Change and Community Planning ▪ <u>GEMCC 653 / FCIT 606 Sustainability Transitions in Cities</u> ▪ GEMCC 660 Carbon Accounting and Management ▪ GEMCC 690 Climate Change Projects ○ 2 open electives chosen from the climate change designated electives list, partnering programs within the Faculty of Environment (that are willing to allow the student to enroll in a course), and graduate programs offered by other Faculties (that are willing to allow the student to enroll in a course). ○ Failure to maintain a course average of at least 75% will result in an automatic review of the student's status in the program. The review committee will consist of the Program Director and the Graduate Officer. The review committee may require that the student withdraw from the program. • Master's Research Paper <ul style="list-style-type: none"> ○ The Master's Research Paper will normally be completed in the Spring (third) term. Each student undertaking the research paper option will identify a topic and a suitable advisor in the first two terms in the program. The student will develop a research proposal for approval by their advisor. The research paper should be approximately 12,000 words/50 pages in length. The research paper is evaluated by the advisor and one reader designated by the Program Director. <p>Coursework option:</p>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p style="text-align: center;">Director.</p> <p>Coursework option:</p> <ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Students must successfully complete the following graduate level courses (0.50 unit weight per course): ○ 3 required courses: <ul style="list-style-type: none"> ▪ GEMCC 601 Climate Change: Physical Science Basis ▪ GEMCC 602 Climate Change Vulnerability and Adaptation ▪ GEMCC 603 Climate Change Mitigation ○ 2 climate change electives: <ul style="list-style-type: none"> ▪ Students are able to tailor their program of study based on their individual interests by completing 2 climate change designated electives which can be chosen from, but are not limited to, the following list. The availability of climate change designated electives varies year-to-year, including newly approved courses. <ul style="list-style-type: none"> ▪ GEMCC 610 Climate Prediction, Modeling and Scenarios ▪ GEMCC 620 Climate Data and Analytics ▪ GEMCC 622 Climate Change, Natural Hazards and Disaster Risk Reduction ▪ GEMCC 630 Land Use and the Carbon Cycle ▪ GEMCC 640 Climate Change Governance: From Global Treaties to Local Innovation ▪ GEMCC 644 Climate Resilient Canadians and Health Systems ▪ GEMCC 650 Business and Climate Change ▪ GEMCC 652 Climate Change and Community Planning ▪ GEMCC 660 Carbon Accounting and Management ▪ GEMCC 690 Climate Change Projects 	<ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Students must successfully complete the following graduate level courses (0.50 unit weight per course): ○ 3 required courses: <ul style="list-style-type: none"> ▪ GEMCC 601 Climate Change: Physical Science Basis ▪ GEMCC 602 Climate Change Vulnerability and Adaptation ▪ GEMCC 603 Climate Change Mitigation ○ 2 climate change electives: <ul style="list-style-type: none"> ▪ Students are able to tailor their program of study based on their individual interests by completing 2 climate change designated electives which can be chosen from, but are not limited to, the following list. The availability of climate change designated electives varies year-to-year, including newly approved courses. <ul style="list-style-type: none"> ▪ GEMCC 610 / <u>GEOG 652</u> Climate Prediction, Modeling and Scenarios ▪ GEMCC 620 / <u>GEOG 674</u> Climate Data and Analytics ▪ GEMCC 622 / <u>GEOG 677</u> Climate Change, Natural Hazards and Disaster Risk Reduction ▪ GEMCC 630 / <u>GEOG 653</u> Land Use and the Carbon Cycle ▪ GEMCC 640 / <u>GEOG 678</u> Climate Change Governance: From Global Treaties to Local Innovation ▪ GEMCC 644 Climate Resilient Canadians and Health Systems ▪ GEMCC 650 / <u>ENBUS 652</u> Business and Climate Change ▪ GEMCC 652 / <u>PLAN 627</u> Climate Change and Community Planning ▪ <u>GEMCC 653 / FCIT 606 Sustainability Transitions in Cities</u>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ○ 2 open electives chosen from the climate change designated electives list, partnering programs within the Faculty of Environment (that are willing to allow the student to enroll in a course), and graduate programs offered by other Faculties (that are willing to allow the student to enroll in a course). ○ Failure to maintain a course average of 75% or better results in an automatic review of the student's status in the program. The review committee will consist of the Program Director and the Graduate Officer. The review committee may require that the student withdraw from the program. <p>● Graduate Studies Practicum</p> <ul style="list-style-type: none"> ○ A research or policy/planning focused internship/Graduate Studies Practicum is available for students to integrate theoretical and practical knowledge and experience they gain and reflect upon it in a written report that will be evaluated by the Program Director. Requests to undertake the four-month internship must be approved by the Program Director. It is the student's responsibility to identify potential organizations with which to undertake their internship. Students will prepare an internship proposal, outlining how the work of the organization relates to the Master of Climate Change program and the professional experience sought through the internship. A letter of support from the organization indicating the role and location of the internship and willingness of the direct supervisor to mentor the intern will be submitted to the Program Director. Upon completion of the internship, the student will submit a written report (no more than 25 pages) to the Program Director that summarizes the work experience gained (day to day activities, specific projects and key accomplishments) and reflects on linkage to the program curriculum and professional development goals. 	<ul style="list-style-type: none"> ▪ GEMCC 660 Carbon Accounting and Management ▪ GEMCC 690 Climate Change Projects <ul style="list-style-type: none"> ○ 2 open electives chosen from the climate change designated electives list, partnering programs within the Faculty of Environment (that are willing to allow the student to enroll in a course), and graduate programs offered by other Faculties (that are willing to allow the student to enroll in a course). ○ Failure to maintain a course average of 75% or better results in an automatic review of the student's status in the program. The review committee will consist of the Program Director and the Graduate Officer. The review committee may require that the student withdraw from the program. <p>● <u>Graduate Studies Internship</u></p> <ul style="list-style-type: none"> ○ <u>A Graduate Studies Internship</u> is available for students to integrate theoretical and practical knowledge and experience they gain and reflect upon it in a written report that will be evaluated by the Program Director. <u>Students normally complete their internship over 1 term (4 months) but can complete it over 2 terms if the employment dates (e.g., start 1 July – end 30 Oct) do not align with academic terms. The program does not require internships longer than 4 months and does not approve requests for additional internships beyond 4 months needed to achieve this program milestone.</u> Requests to undertake the four-month internship must be approved by the Program Director. It is the student's responsibility to identify potential organizations with which to undertake their internship. Students will prepare an internship proposal, outlining how the work of the organization relates to the Master of Climate Change program and the professional experience sought through the internship. A letter of support from the organization indicating the role and location of the internship and willingness of the direct supervisor to mentor the intern will be submitted to

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
	the Program Director. Upon completion of the internship, the student will submit a written report (no more than 25 pages) to the Program Director that summarizes the work experience gained (day to day activities, specific projects and key accomplishments) and reflects on linkage to the program curriculum and professional development goals.

How will students currently registered in the program be impacted by these changes?

1. *Removing the “qualifying period” information from the admission requirements does not impact students currently registered in the program.*
2. *GEMCC 653 / FCIT 606 will be available to any students currently registered in the program.*
3. *Adding the cross-listings for all designated climate change elective options will provide greater clarity for students currently registered in the program.*
4. *Updating the terminology from Graduate Studies Practicum to Graduate Studies Internship will have no impact to current students as the terminology was previously used interchangeably within the description of the milestone.*
5. *Adding further details regarding the length of the Graduate Studies Internship will provide greater clarity for new students as well as for their employers. Students currently registered who have been approved an extension can complete the extension*

Department/School approval date (mm/dd/yy): 09/30/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 07/28/22

Faculty approval date (mm/dd/yy): 11/17/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Environment

Effective date: Term: Spring Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Graduate Studies Practicum to Graduate Studies Internship

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (*e.g. Course description, Course title*):

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: Choose an item.

Course number:

Course ID:

Course title (max. 100 characters including spaces):

Course short title (max. 30 characters including spaces):

Grading basis: Choose an item.

Course credit weight: Choose an item.

Course consent required: Choose an item.

Course description:

Meet type(s): Choose an item. Choose an item. Choose an item. Choose an item.

Primary meet type: Choose an item.

Delivery mode: Choose an item.

Requisites:

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status:

Sections combined/held with:

Rationale for request:

Please refer to accompanying Graduate Studies Program Revision Template.

Please revise the milestone name for the following program: Master of Climate Change (MCC)

Form completed by:

Department/School approval date (mm/dd/yy): 09/30/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 08/16/22

Faculty approval date (mm/dd/yy): 11/17/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Environment

Effective date: Term: Spring Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (*e.g. Course description, Course title*):

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: GEMCC

Course number: 653

Course ID:

Course title (max. 100 characters including spaces): Sustainability Transitions in Cities

Course short title (max. 30 characters including spaces): Sustainability Transitions

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description: Sustainability is a multi-faceted and ever-changing collection of aspirations that weaves together environmental integrity, economic prosperity and social equity. The transition to more sustainable cities is both fraught with challenges, including the legacy of unsustainable infrastructure and deeply entrenched habits, but also exciting opportunities and potential for innovation. In this course, we explore the challenge of urban sustainability transitions through a systems lens, exploring the technologies, governance models, values, and behaviours that might trigger and accelerate the transition. We look around the world for compelling examples of

sustainability transitions in practice, from Malmö to Melbourne, and apply the lessons we learn to the Canadian context.

Meet type(s): Lecture Choose an item. Choose an item. Choose an item.

Primary meet type: Lecture

Delivery mode: Only offered online

Requisites: Master of Future Cities and Master of Climate Change students only

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status: FCIT 606 (currently going through the approval process as a course for the new Master of Future Cities program).

Sections combined/held with:

Rationale for request:

Sustainability Transitions in Cities is a new course which was developed for the new Master of Future Cities program, and it will also serve as a suitable climate change elective option for the Master of Climate Change program.

Form completed by: Teresa Wilson

Department/School approval date (mm/dd/yy): 09/30/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 07/28/22

Faculty approval date (mm/dd/yy): 11/17/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Environment

Effective date: Term: Spring Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (*e.g. Course description, Course title*):

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: GEOG

Course number: 622

Course ID:

Course title (max. 100 characters including spaces): The Future of Work

Course short title (max. 30 characters including spaces): Future of Work

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description: This advanced graduate seminar examines the emergent possibilities associated with work in cities of the future. It theorizes the central role that work plays in everyday urban life, highlighting how work is spatially and socially unevenly distributed and how inequality continues to structure labor markets in cities. It engages with 'future of work' discourses to examine the complex role of technological change in urban labor market transition, as well as questioning the prominence of technological change in such transition. It focuses

both on sectors privileged by mainstream theories of urban development (e.g., high technology and the creative industries) and sectors ignored by such theories but that nevertheless remain essential for the functioning of urban centers, including unpaid, informal, and care work. It questions the role of work in everyday life by highlighting dominant working norms and resistance to them, e.g., in calls for redistributive justice through unionization and collective action, anti-work discourses, and campaigns for a four-day work week.

Meet type(s): Seminar Choose an item. Choose an item. Choose an item.

Primary meet type: Seminar

Delivery mode: Only offered online

Requisites: Master of Future Cities and Geography Graduate students only

Antireq: GEOG 693 Topic 3

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status: FCIT 605 (currently going through the approval process as a course for the new Master of Future Cities program).

Sections combined/held with:

Rationale for request:

The Future of Work is a new course which was developed for the new Master of Future Cities program which can also serve as an elective for students in GEM graduate programs.

Form completed by: Teresa Wilson

Department/School approval date (mm/dd/yy): 09/30/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 07/28/22

Faculty approval date (mm/dd/yy): 11/17/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

ARTS GRADUATE STUDIES

November 28, 2022

TO: Members, Senate Graduate and Research Council
FROM: Maha Eid, Graduate Studies and Research Officer
RE: Graduate Affairs Group Reports

The attached Arts Graduate Affairs Group reports were approved by the Arts Faculty Council meeting on November 15, 2022 and are now being submitted for approval by the Senate Graduate and Research Council on December 12, 2022.

Maha Eid

Maha Eid

Attach.

**Arts Faculty Council Report to
Senate Graduate and Research Council**

CURRICULAR ITEMS for approval [bottom right pagination]

A) Economics –

This item is for
consideration on SGRC
Regular Agenda

- a. MA in Econ – Coop Program (Identifying the process for students to enter the Master’s Research Paper study option; updating the course requirements; removing the required sequencing of the courses; and removing the required average that must be maintained for courses) [1-4];
- b. MA in Econ (Deleting the Coursework study option; updating the course requirements; removing the required sequencing of the courses; and removing the required average that must be maintained for courses) [5-8];
- c. MA in Econ – Water – Coop Program (Updating the course requirements; removing the required sequencing of the courses; and removing the required average that must be maintained for courses) [9-11];
- d. MA in Econ – Water (Updating the course requirements; removing the required sequencing of the courses; and removing the required average that must be maintained for courses) [12-14];
- e. PhD in Applied Economics (Updating the course requirements) [15-16];
- f. PhD in Applied Economics – Water (Updating the course requirements) [17-19];
- g. Add new Course ECON 607 – Data Science for Economists, course to give our students technical expertise beyond what we teach them in the class (new mandatory course and will first be offered Fall 2023) [20-21].

B) Psychology –

- a. PhD in Psychology – Removing the GREs as an admission requirement for clinical psychology, developmental psychology and social psychology. Cognitive Psychology, Cognitive Neuroscience, and Industrial/Organization Psychology, however, wish to retain them. The rationale for their elimination versus retention in each research field is based on: (1) an evaluation of the graduate admissions procedures at our peer (and competitor) programs, and (2) faculty perceptions of the utility of the GREs for predicting graduate school success within each research field [22-23];
- b. MA in Psychology - Removing the GREs as an admission requirement for clinical psychology and social psychology. Cognitive Psychology and Cognitive Neuroscience, however, wish to retain them. The rationale for their elimination versus retention in each research field is based on: (1) an evaluation of the graduate admissions procedures at our peer (and competitor) programs, and (2) faculty perceptions of the utility of the GREs for predicting graduate school success within each research field [24-26]

C) Global Governance – Cross list GGOV 635 with SOC 785 [27-28]

D) Sociology and Legal Studies – Cross list SOC 785 with GGOV 635, title and description change [29-31].

- E) **Political Science** – PhD Program change: To include PSCI 688 as an alternative core course requirement for students specializing in the Political Economy Graduate Research Field [32-34]
- F) **Political Science** – Inactivate the following courses:
 - a. PSCI 615 (cross listed GGOV 615) [35-36]
 - b. PSCI 616 (cross listed GGOV 643) [37-38]
 - c. PSCI 617 (cross listed GGOV 651) [39-40]
 - d. PSCI 618 (cross listed GGOV 652) [41-42]
 - e. PSCI 626 [43-44]
 - f. PSCI 664 [45-46]
 - g. PSCI 686 (cross listed GGOV 611) [47-48]
- G) **Global Governance** – Updating some of the existing course titles and removing inactivated courses from the list of required/elective courses for the following:
 - a. MA in Global Governance – Aeronautics [49-52]
 - b. MA in Global Governance [53-64]
 - c. PhD in Global Governance [65-76]
- H) **Global Governance** – Inactivate the following courses:
 - a. GGOV 611 (cross listed PSCI 686) [77-78]
 - b. GGOV 615 (cross listed PSCI 615) [79-80]
 - c. GGOV 643 (cross listed PSCI 616) [81-82]
 - d. GGOV 651 (cross listed PSCI 617) [83-84]
 - e. GGOV 652 (cross listed PSCI 618) [85-86]
- I) **Philosophy** – Updating admission requirements to be clearer and up-to-date according to department practice for the following:
 - a. PhD in Applied Philosophy [87-88]
 - b. MA in Philosophy [89-90]
 - c. PhD in Philosophy [91-92]
- J) **Philosophy** – Remove one research area PHIL 698 and require students to take an additional grad only seminar (e.g. PHIL 674) for the following:
 - a. PhD in Applied Philosophy [93-98]
 - b. PhD in Philosophy [99-102]

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Programs: Master of Arts (MA) in Economics - Co-operative Program

Program contact name(s): Phil Curry, Maureen Stafford

Form completed by: Phil Curry

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

- 1) *Identifying the process for students to enter the Master's Research Paper study option.*
- 2) *Updating the course requirements.*
- 3) *Removing the required sequencing of the courses.*
- 4) *Removing the required average that must be maintained for courses.*

Is this a [major modification](#) to the program? No

Rationale for change(s):

- 1) *This is identifying the current practice for entering the MRP option.*
- 2) *We have found that our students get good training in data analysis but struggle to collect and manage data, which is often an important component of their co-op positions and careers post-degree. We are removing the second required course in Econometrics and replacing the Research Methodology course with a course designed to address the shortcoming. The Capstone course is being replaced with an elective. The Capstone course was introduced so that students would end their degree on an academic semester as required. Students will now have a final academic semester with more options. We have also found that students are often unable to handle the workload of 4 courses for the first two terms. Eliminating a course should help them get more out of the courses they take. Finally, although it was stated that the MRP was the equivalent of 2 courses, students taking the MRP option were only having the course load reduced by 1. The MRP option thus now has the stated course reduction.*
- 3) *Removing the required course sequencing will provide more flexibility for students which is consistent with the PhD in Economics programs.*
- 4) *The required average is being removed from the GSAC program page since the average is consistent with the published University requirement.*

Proposed effective date: Term: Winter Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/departement-economics/master-arts-ma-economics-co-operative-program-direct-entry>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Degree requirements</p> <p>Coursework option:</p> <ul style="list-style-type: none"> • Graduate Academic Integrity Module (Graduate AIM) • Courses <ul style="list-style-type: none"> ○ Students must complete 10 courses (7 required and 3 elective) in the following sequence: <ul style="list-style-type: none"> ○ Fall term (year 1) <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 606 Research Methodology ▪ ECON 621 Econometrics I ▪ 1 elective course ○ Winter term (year 1) <ul style="list-style-type: none"> ▪ ECON 602 Macroeconomic Theory I ▪ ECON 622 Applied Microeconometrics I or ECON 623 Applied Macroeconometrics I ▪ 2 elective courses ○ Spring term (year 1) <ul style="list-style-type: none"> ▪ Co-op placement ○ Fall term (year 2) <ul style="list-style-type: none"> ▪ Co-op placement ○ Winter term (year 2) <ul style="list-style-type: none"> ▪ ECON 674 Capstone Research Project ○ Normally, students must complete all of their required courses in the first two terms. Fall term: ECON 600, ECON 601, ECON 606 and ECON 621. Winter term: ECON 602, and ECON 622 or ECON 623. ○ Students are expected to write a paper with a value of at least 30% in at least 1 of their courses. ○ Students will be required to maintain a cumulative average of 70% at the end of each term. Students who do not 	<p>Degree requirements</p> <p>All students are admitted to the Coursework study option. Students can apply to transfer to the Master's Research Paper study option after completing at least one academic term. The transfer must be approved by the Associate Chair, Graduate Studies.</p> <p>Coursework option:</p> <ul style="list-style-type: none"> • Graduate Academic Integrity Module (Graduate AIM) • Courses <ul style="list-style-type: none"> ○ Students must complete <u>the following 9 graduate level courses (5 required and 4 elective):</u> <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 602 Macroeconomic Theory I ▪ <u>ECON 607 Data Science for Economists</u> ▪ ECON 621 Econometrics I ▪ 4 elective courses ○ Normally, students must complete all of their required courses in the first two terms. ○ <u>Note: students must complete their co-op work terms in terms 3 and 4 and must complete the program on an academic term (winter term in year 2).</u> ○ Students are allowed to take 1 elective outside of the Department of Economics, with the approval of the <u>Economics Associate Chair, Graduate Studies.</u> • Graduate Studies Work Report <ul style="list-style-type: none"> ○ The program involves terms of study alternating with work-terms. ○ The program requires the satisfactory completion of an eight-month work term placement and the submission of 1

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>meet this average will be required to withdraw.</p> <ul style="list-style-type: none"> ○ Students are allowed to take 1 elective outside of the Department of Economics, with the approval of the Graduate Advisor. ○ All electives (ECON or otherwise) must be 600, 700, 800 or 900 level graduate courses. <ul style="list-style-type: none"> • Graduate Studies Work Report <ul style="list-style-type: none"> ○ The program involves terms of study alternating with work-terms. ○ The program requires the satisfactory completion of an eight-month work term placement and the submission of 1 work report deemed satisfactory by the Department. <p>Master's Research Paper option:</p> <ul style="list-style-type: none"> • Graduate Academic Integrity Module (Graduate AIM) • Courses <ul style="list-style-type: none"> ○ Students must complete 9 courses (7 required and 2 elective) in the following sequence: ○ Fall term (year 1) <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 606 Research Methodology ▪ ECON 621 Econometrics I ▪ 1 elective course ○ Winter term (year 1) <ul style="list-style-type: none"> ▪ ECON 602 Macroeconomic Theory I ▪ ECON 622 Applied Microeconometrics I or ECON 623 Applied Macroeconometrics I ▪ 4 elective course ○ Spring term (year 1) <ul style="list-style-type: none"> ▪ Co-op placement ○ Fall term (year 2) <ul style="list-style-type: none"> ▪ Co-op placement ○ Winter term (year 2) 	<p>work report deemed satisfactory by the Department.</p> <p>Master's Research Paper option:</p> <ul style="list-style-type: none"> • Graduate Academic Integrity Module (Graduate AIM) • Courses <ul style="list-style-type: none"> ○ Students must complete <u>the following 7 graduate level courses (5 required and 2 elective):</u> <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 602 Macroeconomic Theory I ▪ <u>ECON 607 Data Science for Economists</u> ▪ ECON 621 Econometrics I ▪ <u>2 elective courses</u> ○ Normally, students must complete all of their required courses in the first two terms. ○ <u>Note: students must complete their co-op work terms in terms 3 and 4 and must complete the program on an academic term (winter term in year 2).</u> ○ Students are allowed to take 1 elective outside of the Department of Economics, with the approval of the <u>Economics Associate Chair, Graduate Studies.</u> • Graduate Studies Work Report <ul style="list-style-type: none"> ○ The program involves terms of study alternating with work-terms. ○ The program requires the satisfactory completion of an eight-month work term placement and the submission of 1 work report deemed satisfactory by the Department. • Master's Research Paper <ul style="list-style-type: none"> ○ A 2 course equivalent requiring an in-depth study of a topic approved by the Department (to be completed in the winter term of year 2).

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> <ul style="list-style-type: none"> ▪ ECON 674 Capstone Research Project ▪ Master's Research Paper ○ Normally, students must complete all of their required courses in the first two terms. Fall term: ECON 600, ECON 601, ECON 606 and ECON 621. Winter term: ECON 602, and ECON 622 or ECON 623. ○ Students will be required to maintain a cumulative average of 70% at the end of each term. Students who do not meet this average will be required to withdraw. ○ Students are allowed to take 1 elective outside of the Department of Economics, with the approval of the Graduate Advisor. ○ All electives (ECON or otherwise) must be 600, 700, 800 or 900 level graduate courses. <ul style="list-style-type: none"> • Graduate Studies Work Report <ul style="list-style-type: none"> ○ The program involves terms of study alternating with work-terms. ○ The program requires the satisfactory completion of an eight-month work term placement and the submission of 1 work report deemed satisfactory by the Department. • Master's Research Paper <ul style="list-style-type: none"> ○ A 2 course equivalent requiring an in-depth study of a topic approved by the Department (to be completed in the winter term of year 2). 	

How will students currently registered in the program be impacted by these changes?

- 1) *There is no change in practice, so students currently registered will not be impacted.*
- 2) *Students currently registered in the MA program will complete the program according to the requirements when they entered.*
- 3) *This will not impact students currently registered in the program.*
- 4) *This will not impact students currently registered in the program as the grade requirement being deleted is redundant.*

Department/School approval date (mm/dd/yy): 05/06/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 05/12/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable):

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

This item is for consideration on SGRC Regular Agenda

Faculty: Arts

Programs: Master of Arts (MA) in Economics

Program contact name(s): Phil Curry, Maureen Stafford

Form completed by: Phil Curry

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

- 1) *Deleting the Coursework study option.*
- 2) *Updating the course requirements.*
- 3) *Removing the required sequencing of the courses.*
- 4) *Removing the required average that must be maintained for courses.*

Is this a [major modification](#) to the program? Yes

Rationale for change(s):

- 1) *We are placing greater emphasis on the MA (Co-op) program. The Regular MA program is now meant for those who are planning on going on to a PhD or for those who were not able to find co-op positions. Since students move between the two programs, we need to keep the progression for the first two terms the same, which would not be enough courses for the Coursework option in the first two semesters in our opinion. Since we do not offer graduate courses in the Spring, this leaves the MRP option as the only way to go.*
- 2) *We have found that our students get good training in data analysis but struggle to collect and manage data, which is often an important component of their co-op positions and careers post-degree. We are removing the second required course in Econometrics and replacing the Research Methodology course with a course designed to address the shortcoming. We are also replacing the Capstone course with an elective. We have also found that students are often unable to handle the workload of 4 courses for the first two terms. Eliminating a course should help them get more out of the courses they take. Finally, the Capstone course was introduced so that students would end their degree on an academic semester as required. Students will now have a final academic semester with more options.*
- 3) *Removing the required course sequencing will provide more flexibility for students which is consistent with the PhD in Economics programs.*
- 4) *The required average is being removed from the GSAC program page since the average is consistent with the published University requirement.*

Proposed effective date:

Term: Spring Year: 2023

Current Graduate Studies Academic Calendar (GSAC) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/departement-economics/master-arts-ma-economics>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Program information</p> <ul style="list-style-type: none"> • Admit term(s) <ul style="list-style-type: none"> ○ Fall • Delivery mode <ul style="list-style-type: none"> ○ On-campus • Length of program <ul style="list-style-type: none"> ○ The coursework option can be completed in two terms while the major research paper option requires three terms to complete. • Program type <ul style="list-style-type: none"> ○ Master's ○ Research • Registration option(s) <ul style="list-style-type: none"> ○ Full-time • Study option(s) <ul style="list-style-type: none"> ○ Master's Research Paper ○ Coursework <p>Degree requirements</p> <p>Master's Research Paper option:</p> <ul style="list-style-type: none"> • Graduate Academic Integrity Module (Graduate AIM) • Courses <ul style="list-style-type: none"> ○ Students must complete 8 courses (6 required and 2 elective) in the following sequence: ○ Fall term (year 1) <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 606 Research Methodology 	<p>Program information</p> <ul style="list-style-type: none"> • Admit term(s) <ul style="list-style-type: none"> ○ Fall • Delivery mode <ul style="list-style-type: none"> ○ On-campus • Length of program <ul style="list-style-type: none"> ○ The Master's research paper option requires three terms to complete. • Program type <ul style="list-style-type: none"> ○ Master's ○ Research • Registration option(s) <ul style="list-style-type: none"> ○ Full-time • Study option(s) <ul style="list-style-type: none"> ○ Master's Research Paper <p>Degree requirements</p> <p>Master's Research Paper option:</p> <ul style="list-style-type: none"> • Graduate Academic Integrity Module (Graduate AIM) • Courses <ul style="list-style-type: none"> ○ Students must complete <u>the following 7 graduate level</u> courses (<u>5</u> required and <u>2</u> elective): <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 602 Macroeconomic Theory I ▪ <u>ECON 607 Data Science for Economists</u> ▪ ECON 621 Econometrics I ▪ <u>2 elective courses</u>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ ECON 621 Econometrics I ▪ 1 elective course ○ Winter term (year 1) <ul style="list-style-type: none"> ▪ ECON 602 Macroeconomic Theory I ▪ ECON 622 Applied Microeconometrics I or ECON 623 Applied Macroeconometrics I ▪ 4 elective course ○ Normally, students must complete all of their required courses in the first two terms. Fall term: ECON 600, ECON 601, ECON 606 and ECON 621. Winter term: ECON 602, and ECON 622 or ECON 623. ○ Students will be required to maintain a cumulative average of 70% at the end of each term. Students who do not meet this average will be required to withdraw. ○ Students are allowed to take 1 elective outside of the Department of Economics, with the approval of the Graduate Advisor. ○ All electives (ECON or otherwise) must be 600, 700, 800 or 900 level graduate courses. ● Master's Research Paper <ul style="list-style-type: none"> ○ A 2 course equivalent requiring an in-depth study of a topic approved by the Department (to be completed in the spring term of year 1). ● Coursework option: ● Graduate Academic Integrity Module (Graduate AIM) ● Courses <ul style="list-style-type: none"> ○ Students must complete 9 courses (6 required and 3 elective) in the following sequence: ○ Fall term (year 1) <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 606 Research Methodology 	<ul style="list-style-type: none"> ○ Normally, students must complete all of their required courses in the first two terms. ○ Students are allowed to take 1 elective outside of the Department of Economics, with the approval of the <u>Economics Associate Chair, Graduate Studies.</u> ● Master's Research Paper <ul style="list-style-type: none"> ○ A 2 course equivalent requiring an in-depth study of a topic approved by the Department (to be completed in the spring term of year 1).

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> • ECON 621 Econometrics I • 1 elective course ○ Winter term (year 1) <ul style="list-style-type: none"> • ECON 602 Macroeconomic Theory I • ECON 622 Applied Microeconometrics I or ECON 623 Applied Macroeconometrics I • 2 elective courses ○ Normally, students must complete all of their required courses in the first two terms. Fall term: ECON 600, ECON 601, ECON 606 and ECON 621. Winter term: ECON 602, and ECON 622 or ECON 623. ○ Students are expected to write a paper with a value of at least 30% in at least 1 of their courses. ○ Students will be required to maintain a cumulative average of 70% at the end of each term. Students who do not meet this average will be required to withdraw. ○ Students are allowed to take 1 elective outside of the Department of Economics, with the approval of the Graduate Advisor. ○ All electives (ECON or otherwise) must be 600, 700, 800 or 900 level graduate courses. 	

How will students currently registered in the program be impacted by these changes?

- 1) *Students currently registered in the Coursework option of the MA will be able to complete it.*
- 2) *Students currently registered in the MA program will complete the program according to the requirements when they entered.*
- 3) *This will not impact students currently registered in the program.*
- 4) *This will not impact students currently registered in the program as the grade requirement being deleted is redundant.*

Department/School approval date (mm/dd/yy): 05/06/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 05/12/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable):

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Programs: Master of Arts (MA) in Economics - Water - Co-operative Program

Program contact name(s): Phil Curry, Maureen Stafford

Form completed by: Phil Curry

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

- 1) *Updating the course requirements.*
- 2) *Removing the required sequencing of the courses.*
- 3) *Removing the required average that must be maintained for courses.*

Is this a [major modification](#) to the program? No

Rationale for change(s):

- 1) *We have found that our students get good training in data analysis but struggle to collect and manage data, which is often an important component of their co-op positions and careers post-degree. We are removing the second required course in Econometrics and replacing the Research Methodology course with a course designed to address the shortcoming. We have also found that students are often unable to handle the workload of 4 courses for the first two terms. Eliminating a course should help them get more out of the courses they take. Finally, the requirements previously gave students the option to count one of the Water courses as an elective towards their Economics requirements. This option was always taken, so we are rewriting the requirements assuming that they do so.*
- 2) *Removing the required course sequencing will provide more flexibility for students which is consistent with the PhD in Economics programs.*
- 3) *The required average is being removed from the GSAC program page since the average is consistent with the published University requirement.*

Proposed effective date: Term: Winter Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/department-economics/master-arts-ma-economics-water-co-operative-program-direct-entry>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Degree requirements Master's Research Paper option:</p> <ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Students must complete 9 courses (7 required and 2 elective) in the following sequence: <ul style="list-style-type: none"> ○ Fall term (year 1) <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 606 Research Methodology ▪ ECON 621 Econometrics I ▪ 1 elective course ○ Winter term (year 1) <ul style="list-style-type: none"> ▪ ECON 602 Macroeconomic Theory I ▪ ECON 622 Applied Microeconometrics I or ECON 623 Applied Macroeconometrics I ▪ 1 elective course ○ Spring term (year 1) <ul style="list-style-type: none"> ▪ Co-op placement ○ Fall term (year 2) <ul style="list-style-type: none"> ▪ Co-op placement ○ Winter term (year 2) <ul style="list-style-type: none"> ▪ ECON 674 Capstone Research Project ▪ WATER 601 Integrated Water Management or WATER 602 Integrated Water Management Project ▪ Master's Research Paper ○ Normally, students must complete all of their required courses in the first two terms. Fall term: ECON 600, ECON 601, ECON 606 and ECON 621. Winter term: ECON 602, and ECON 622 or ECON 623. ○ Either WATER 601 or WATER 602 can be used to replace 1 of the required ECON elective courses. ○ Students will be required to maintain a cumulative average of 70% at the end of each term. Students who do not meet this average will be required to withdraw. 	<p>Degree requirements Master's Research Paper option:</p> <ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Students must complete <u>the following 8 graduate level courses</u> (7 required and 1 elective): <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 602 Macroeconomic Theory I ▪ <u>ECON 607 Data Science for Economists</u> ▪ ECON 621 Econometrics I ▪ WATER 601 Integrated Water Management ▪ WATER 602 Integrated Water Management Project ▪ 1 elective course ○ Normally, students must complete all of their required courses in the first two terms. ○ <u>Note: students must complete their co-op work terms in terms 3 and 4 and must complete the program on an academic term (winter term in year 2).</u> ○ Students are allowed to take 1 elective outside of the Department of Economics, with the approval of the <u>Economics Associate Chair, Graduate Studies.</u> ○ This degree is offered through the Collaborative Water Program. This program, jointly offered by a range of departments across several academic faculties, promotes the development of interdisciplinary perspectives on water. Collaborative Water Program students complete their specialist training in their respective home departments, while working with colleagues from a variety of other departments in core interdisciplinary courses (WATER 601 and WATER 602).

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ○ Students are allowed to take 1 elective outside of the Department of Economics, with the approval of the Graduate Advisor. ○ All electives (ECON or otherwise) must be 600, 700, 800 or 900 level graduate courses. ○ This degree is offered through the Collaborative Water Program. This program, jointly offered by a range of departments across several academic faculties, promotes the development of interdisciplinary perspectives on water. Collaborative Water Program students complete their specialist training in their respective home departments, while working with colleagues from a variety of other departments in core interdisciplinary courses (WATER 601 and WATER 602). 	

How will students currently registered in the program be impacted by these changes?

- 1) *Students currently registered in the MA program will complete the program according to the requirements when they entered.*
- 2) *This will not impact students currently registered in the program.*
- 3) *This will not impact students currently registered in the program as the grade requirement being deleted is redundant.*

Department/School approval date (mm/dd/yy): 05/06/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 05/12/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable):

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Programs: Master of Arts (MA) in Economics - Water

Program contact name(s): Phil Curry, Maureen Stafford

Form completed by: Phil Curry

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

- 1) *Updating the course requirements.*
- 2) *Removing the required sequencing of the courses.*
- 3) *Removing the required average that must be maintained for courses.*

Is this a [major modification](#) to the program? No

Rationale for change(s):

- 1) *We have found that our students get good training in data analysis but struggle to collect and manage data, which is often an important component of their co-op positions and careers post-degree. We are removing the second required course in Econometrics and replacing the Research Methodology course with a course designed to address the shortcoming. We have also found that students are often unable to handle the workload of 4 courses for the first two terms. Eliminating a course should help them get more out of the courses they take. Finally, the requirements previously gave students the option to count one of the Water courses as an elective towards their Economics requirements. This option was always taken, so we are rewriting the requirements assuming that they do so.*
- 2) *Removing the required course sequencing will provide more flexibility for students which is consistent with the PhD in Economics programs.*
- 3) *The required average is being removed from the GSAC program page since the average is consistent with the published University requirement.*

Proposed effective date: Term: Winter Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/department-economics/master-arts-ma-economics-water>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Degree requirements</p> <p>Master's Research Paper option:</p> <ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Students must complete 8 courses (6 required and 2 elective) in the following sequence: ○ Fall term (year 1) <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 606 Research Methodology ▪ ECON 621 Econometrics I ▪ 1 elective course ○ Winter term (year 1) <ul style="list-style-type: none"> ▪ ECON 602 Macroeconomic Theory I ▪ ECON 622 Applied Microeconometrics I or ECON 623 Applied Macroeconometrics I ▪ 1 elective course ○ Water core courses: <ul style="list-style-type: none"> ▪ WATER 601 Integrated Water Management ▪ WATER 602 Integrated Water Management Project ○ Normally, students must complete all of their required courses in the first two terms. Fall term: ECON 600, ECON 601, ECON 606 and ECON 621. Winter term: ECON 602, and ECON 622 or ECON 623. ○ Either WATER 601 or WATER 602 can be used to replace 1 of the required ECON elective courses. ○ Students will be required to maintain a cumulative average of 70% at the end of each term. Students who do not meet this average will be required to withdraw. ○ Students are allowed to take 1 elective outside of the Department of Economics, with the approval of the Graduate Advisor. 	<p>Degree requirements</p> <p>Master's Research Paper option:</p> <ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Students must complete <u>the following 8 graduate level courses (7 required and 1 elective):</u> <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 602 Macroeconomic Theory I ▪ <u>ECON 607 Data Science for Economists</u> ▪ ECON 621 Econometrics I ▪ WATER 601 Integrated Water Management ▪ WATER 602 Integrated Water Management Project ▪ 1 elective course ○ Normally, students must complete all of their required courses in the first two terms. ○ Students are allowed to take 1 elective outside of the Department of Economics, with the approval of the <u>Economics Associate Chair, Graduate Studies.</u> ○ This degree is offered through the Collaborative Water Program. This program, jointly offered by a range of departments across several academic faculties, promotes the development of interdisciplinary perspectives on water. Collaborative Water Program students complete their specialist training in their respective home departments, while working with colleagues from a variety of other departments in core interdisciplinary courses (WATER 601 and WATER 602).

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ○ All electives (ECON or otherwise) must be 600, 700, 800 or 900 level graduate courses. ○ This degree is offered through the Collaborative Water Program. This program, jointly offered by a range of departments across several academic faculties, promotes the development of interdisciplinary perspectives on water. Collaborative Water Program students complete their specialist training in their respective home departments, while working with colleagues from a variety of other departments in core interdisciplinary courses (WATER 601 and WATER 602). 	

How will students currently registered in the program be impacted by these changes?

- 1) *Students currently registered in the MA program will complete the program according to the requirements when they entered.*
- 2) *This will not impact students currently registered in the program.*
- 3) *This will not impact students currently registered in the program as the grade requirement being deleted is redundant.*

Department/School approval date (mm/dd/yy): 05/06/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 05/12/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable):

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Program: Doctor of Philosophy (PhD) in Applied Economics

Program contact name(s): Phil Curry, Maureen Stafford

Form completed by: Phil Curry

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

Updating the course requirements.

Is this a [major modification](#) to the program? No

Rationale for change(s):

The introduction of ECON 607 as a required course will help students when they begin their theses. There is also greater alignment between the first year of the PhD program and the first two semesters of the MA programs, which will make it easier for students to transfer into the PhD from the MA programs. Finally, we are lifting the restriction that students may only take one elective outside the department. Our students often write theses that are interdisciplinary and this will allow them to take courses more suited to their research.

Proposed effective date: Term: Winter Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/departments/economics/doctor-philosophy-phd-applied-economics>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Degree requirements</p> <ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Students must complete 13 courses (8 required and 5 elective). 	<p>Degree requirements</p> <ul style="list-style-type: none"> • Courses

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ○ The core courses are as follows: <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 701 Micro II ▪ ECON 602 Macroeconomic Theory I ▪ 1 of: ECON 702 Macro II, ECON 703 Advanced Macroeconomics: Problems and Policies, or ECON 704 Monetary Economics II ▪ ECON 621 Econometrics I ▪ ECON 721 Econometrics II ▪ ECON 722 Applied Microeconometrics II or ECON 723 Applied Macroeconometrics II ○ Students are allowed to take 4 elective outside of the Department of Economics, with the approval of the Graduate Advisor. ○ All electives (ECON or otherwise) must be 600, 700, 800 or 900 level graduate courses. 	<ul style="list-style-type: none"> ○ Students must complete <u>the following 13 graduate level</u> courses (8 required and 5 elective). ○ The core courses are as follows: <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 602 Macroeconomic Theory I ▪ <u>ECON 607 Data Science for Economists</u> ▪ ECON 621 Econometrics I ▪ ECON 701 Micro II ▪ 1 of: ECON 702 Macro II, <u>or</u> ECON 703 Advanced Macroeconomics: Problems and Policies, or ECON 704 Monetary Economics II ▪ ECON 721 Econometrics II ▪ <u>5 elective courses</u> ○ Students are allowed to take <u>electives</u> outside of the Department of Economics, with the approval of the <u>Economics Associate Chair, Graduate Studies</u>.

How will students currently registered in the program be impacted by these changes?

Students currently registered in the PhD program will complete the program according to the requirements when they entered.

Department/School approval date (mm/dd/yy): 05/06/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 05/12/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable):

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Program: Doctor of Philosophy (PhD) in Applied Economics - Water

Program contact name(s): Phil Curry, Maureen Stafford

Form completed by: Phil Curry

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

Updating the course requirements.

Is this a [major modification](#) to the program? No

Rationale for change(s):

The introduction of ECON 607 as a required course will help students when they begin their theses. There is also greater alignment between the first year of the PhD program and the first two semesters of the MA programs, which will make it easier for students to transfer into the PhD from the MA programs. We are also lifting the restriction that students may only take one elective outside the department. Our students often write theses that are interdisciplinary and this will allow them to take courses more suited to their research. Finally, the requirements previously gave students the option to count one of the Water courses as an elective towards their Economics requirements. This option was always taken, so we are rewriting the requirements assuming that they do so.

Proposed effective date: Term: Winter Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/department-economics/doctor-philosophy-phd-applied-economics-water>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Degree requirements</p> <ul style="list-style-type: none"> • Courses 	<p>Degree requirements</p> <ul style="list-style-type: none"> • Courses

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ○ Students must complete 13 courses (8 required and 5 elective). ○ The core courses are as follows: <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 701 Micro II ▪ ECON 602 Macroeconomic Theory I ▪ 1 of: ECON 702 Macro II, ECON 703 Advanced Macroeconomics: Problems and Policies, or ECON 704 Monetary Economics II ▪ ECON 621 Econometrics I ▪ ECON 721 Econometrics II ▪ ECON 722 Applied Microeconometrics II or ECON 723 Applied Macroeconometrics II ○ Water core courses: <ul style="list-style-type: none"> ▪ WATER 601 Integrated Water Management ▪ WATER 602 Integrated Water Management Project ○ Students are allowed to take 4 elective outside of the Department of Economics, with the approval of the Graduate Advisor. ○ All electives (ECON or otherwise) must be 600, 700, 800 or 900 level graduate courses. ○ WATER 601 or WATER 602 can be counted as 1 of the 5 additional ECON electives required for the PhD degree. ○ This degree is offered through the Collaborative Water Program. This program, jointly offered by a range of departments across several academic faculties, promotes the development of interdisciplinary perspectives on water. Collaborative Water Program students complete their specialist training in their respective home departments, while working with colleagues from a variety of other departments in core interdisciplinary courses (WATER 601 and WATER 602). ○ Students who have already completed WATER 601 and WATER 602 as part 	<ul style="list-style-type: none"> ○ Students must complete <u>the following 14 graduate level courses (10 required and 4 elective).</u> ○ The core courses are as follows: <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 602 Macroeconomic Theory I ▪ <u>ECON 607 Data Science for Economists</u> ▪ ECON 621 Econometrics I ▪ ECON 701 Micro II ▪ 1 of: ECON 702 Macro II, <u>or</u> ECON 703 Advanced Macroeconomics: Problems and Policies, or ECON 704 Monetary Economics II ▪ ECON 721 Econometrics II ▪ WATER 601 Integrated Water Management ▪ WATER 602 Integrated Water Management Project ▪ <u>4 elective courses</u> ○ Students are allowed to take <u>electives</u> outside of the Department of Economics, with the approval of the <u>Economics Associate Chair, Graduate Studies.</u> ○ This degree is offered through the Collaborative Water Program. This program, jointly offered by a range of departments across several academic faculties, promotes the development of interdisciplinary perspectives on water. Collaborative Water Program students complete their specialist training in their respective home departments, while working with colleagues from a variety of other departments in core interdisciplinary courses (WATER 601 and WATER 602). ○ Students who have already completed WATER 601 and WATER 602 as part of their Masters Water degree, must complete the following course requirement: <ul style="list-style-type: none"> ▪ 1 graduate level water course from outside the student's home Faculty agreed to by the

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>of their Masters Water degree, must complete the following course requirement:</p> <ul style="list-style-type: none"> ▪ 1 graduate level water course from outside the student's home Faculty agreed to by the student's Supervisor and the Collaborative Water Program Director. 	<p>student's Supervisor and the Collaborative Water Program Director.</p>

How will students currently registered in the program be impacted by these changes?

Students currently registered in the PhD program will complete the program according to the requirements when they entered.

- Department/School approval date** (mm/dd/yy): 05/06/22
- Reviewed by GSPA** (for GSPA use only) date (mm/dd/yy): 05/12/22
- Faculty approval date** (mm/dd/yy): 11/15/22
- Senate Graduate & Research Council (SGRC) approval date** (mm/dd/yy):
- Senate approval date** (mm/dd/yy) (if applicable):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Effective date: Term: Winter Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (*e.g. Course description, Course title*):

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: ECON

Course number: 607

Course ID:

Course title (max. 100 characters including spaces): Data Science for Economists

Course short title (max. 30 characters including spaces): Data Science for Economists

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description: This course covers the techniques, and associated coding, required to compile, manage, manipulate and describe economic data. Topics may also include recent data generation and data description techniques including data visualization, text analysis, unsupervised learning techniques, and an introduction to numerical analysis.

Meet type(s): Lecture Choose an item. Choose an item. Choose an item.

Primary meet type: Lecture

Delivery mode: On-campus

Requisites:

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status:

Sections combined/held with:

Rationale for request:

The purpose of this course is to 'tech up' the incoming class predominantly for work with data tools. These tools have been identified as useful for job market skills as well as for work in elective courses.

Form completed by: Phil Curry

Department/School approval date (05/06/22):

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 09/13/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Program: Doctor of Philosophy (PhD) in Psychology

Program contact name(s): Jonathan Fugelsang

Form completed by: Jonathan Fugelsang

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

Specifying that the GRE admission requirement is only required for candidates applying to the Cognitive Neuroscience, Cognitive Psychology, and Industrial/Organizational Psychology areas/graduate research fields.

Is this a [major modification](#) to the program? No

Rationale for change(s):

Our department has six research fields that offer PhD degrees (Clinical Psychology, Cognitive Neuroscience, Cognitive Psychology, Developmental Psychology, Industrial/Organizational Psychology, and Social Psychology) that each independently review applications for graduate school and make offers to students to join their respective areas. Historically, all six areas/research fields required GREs as part of the PhD application package. However, three of our research fields (Clinical Psychology, Developmental Psychology, and Social Psychology) no longer wish to require the GREs for the PhD application package. Cognitive Psychology, Cognitive Neuroscience, and Industrial/Organization Psychology, however, wish to retain them. The rationale for their elimination versus retention in each research field is based on: (1) an evaluation of the graduate admissions procedures at our peer (and competitor) programs, and (2) faculty perceptions of the utility of the GREs for predicting graduate school success within each research field.

Proposed effective date: Term: Winter Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/department-psychology/doctor-philosophy-phd-psychology>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p data-bbox="87 212 406 241">Admission requirements</p> <ul style="list-style-type: none"> <li data-bbox="136 285 509 315">• Minimum requirements <ul style="list-style-type: none"> <li data-bbox="233 321 773 447">○ A 80% overall standing, or equivalent, in the last two years of study in the previous degree is the minimum requirement for admission. <li data-bbox="233 453 760 617">○ Please note that in most areas a Master's degree is not required for admission into the PhD program (the exception is Social Psychology and Clinical Psychology). <li data-bbox="136 653 482 682">• Application materials <ul style="list-style-type: none"> <li data-bbox="233 688 766 718">○ Graduate Record Examination (GRE) <li data-bbox="233 724 535 753">○ Personal statement <li data-bbox="233 760 699 789">○ Supplementary information form <li data-bbox="233 795 446 825">○ Transcript(s) 	<p data-bbox="826 212 1138 241">Admission requirements</p> <ul style="list-style-type: none"> <li data-bbox="875 285 1242 315">• Minimum requirements <ul style="list-style-type: none"> <li data-bbox="972 321 1511 447">○ A 80% overall standing, or equivalent, in the last two years of study in the previous degree is the minimum requirement for admission. <li data-bbox="972 453 1528 716">○ <u>Candidates applying to the Cognitive Neuroscience, Cognitive Psychology, and Industrial/Organizational Psychology graduate research fields within the program must submit results from the Graduate Record Examination (Verbal, Quantitative, and Analytic scores).</u> <li data-bbox="972 722 1495 886">○ Please note that in most areas a Master's degree is not required for admission into the PhD program (the exception is Social Psychology and Clinical Psychology). <li data-bbox="875 921 1216 951">• Application materials <ul style="list-style-type: none"> <li data-bbox="972 957 1503 1220">○ Graduate Record Examination (GRE) <ul style="list-style-type: none"> <li data-bbox="1070 989 1503 1220">▪ <u>Required for candidates applying to the Cognitive Neuroscience, Cognitive Psychology, and Industrial/Organizational Psychology graduate research fields within the program.</u> <li data-bbox="972 1226 1271 1255">○ Personal statement <li data-bbox="972 1262 1433 1291">○ Supplementary information form <li data-bbox="972 1297 1180 1327">○ Transcript(s)

How will students currently registered in the program be impacted by these changes?

Currently registered students will not be impacted by these changes.

Department/School approval date (mm/dd/yy): 09/06/2022

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 09/13/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable):

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Program: Master of Arts (MA) in Psychology

Program contact name(s): Jonathan Fugelsang

Form completed by: Jonathan Fugelsang

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

Specifying that the GRE admission requirement is only required for candidates applying to the Cognitive Neuroscience and Cognitive Psychology areas/graduate research fields.

Is this a [major modification](#) to the program? No

Rationale for change(s):

Our department has four research fields that offer MA degrees (Clinical Psychology, Cognitive Neuroscience, Cognitive Psychology and Social Psychology) that each independently review applications for graduate school and make offers to students to join their respective areas. Historically, all four areas/research fields required GREs as part of the MA application package. However, two of these research fields (Clinical Psychology and Social Psychology) no longer wish to require the GREs for the MA application package. Cognitive Psychology and Cognitive Neuroscience wish to retain them. The rationale for their elimination versus retention in each research field is based on: (1) an evaluation of the graduate admissions procedures at our peer (and competitor) programs, and (2) faculty perceptions of the utility of the GREs for predicting graduate school success within each research field.

Proposed effective date: Term: Winter Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/department-psychology/master-arts-ma-psychology>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p data-bbox="87 212 406 241">Admission requirements</p> <ul style="list-style-type: none"> <li data-bbox="138 285 509 315">• Minimum requirements <ul style="list-style-type: none"> <li data-bbox="235 319 779 449">○ Normally an Honours Bachelor's degree or its equivalent in Psychology with at least a 80% overall standing, in the last two years, or equivalent. <li data-bbox="235 453 708 516">○ Completion of the Department of Psychology Application. <li data-bbox="235 520 714 617">○ Submit results from the Graduate Record Examination (Verbal, Quantitative, and Analytic scores). <li data-bbox="235 621 795 785">○ Candidates with an Honours Bachelor's degree or equivalent preparation may be admitted to a Master's program or directly to a Doctor of Philosophy (PhD) program. <li data-bbox="235 789 795 1285">○ Qualified candidates are admitted to either a MA or a PhD program (in which a Master's degree may be obtained along the way). The program to which candidates are admitted to varies by program Area (e.g., Clinical and Social applicants are typically accepted into an MA program, while Cognition, Cognitive Neuroscience, Developmental, and Industrial Organizational students are typically accepted to a PhD program). Candidates accepted to the MA program are expected to continue to a PhD program. <li data-bbox="138 1325 482 1354">• Application materials <ul style="list-style-type: none"> <li data-bbox="235 1358 766 1388">○ Graduate Record Examination (GRE) <li data-bbox="235 1392 537 1421">○ Personal statement <li data-bbox="235 1425 699 1455">○ Supplementary information form <li data-bbox="235 1459 766 1556">○ Transcript(s) <ul style="list-style-type: none"> <li data-bbox="329 1493 766 1556">▪ From all other post-secondary institutions. 	<p data-bbox="826 212 1144 241">Admission requirements</p> <ul style="list-style-type: none"> <li data-bbox="870 285 1242 315">• Minimum requirements <ul style="list-style-type: none"> <li data-bbox="967 319 1511 449">○ Normally an Honours Bachelor's degree or its equivalent in Psychology with at least a 80% overall standing, in the last two years, or equivalent. <li data-bbox="967 453 1442 516">○ Completion of the Department of Psychology Application. <li data-bbox="967 520 1528 751">○ <u>Candidates applying to the Cognitive Neuroscience and Cognitive Psychology graduate research fields within the program must</u> submit results from the Graduate Record Examination (Verbal, Quantitative, and Analytic scores). <li data-bbox="967 756 1528 919">○ Candidates with an Honours Bachelor's degree or equivalent preparation may be admitted to a Master's program or directly to a Doctor of Philosophy (PhD) program. <li data-bbox="967 924 1528 1419">○ Qualified candidates are admitted to either a MA or a PhD program (in which a Master's degree may be obtained along the way). The program to which candidates are admitted to varies by program Area (e.g., Clinical and Social applicants are typically accepted into an MA program, while Cognition, Cognitive Neuroscience, Developmental, and Industrial Organizational students are typically accepted to a PhD program). Candidates accepted to the MA program are expected to continue to a PhD program. <li data-bbox="870 1459 1216 1488">• Application materials <ul style="list-style-type: none"> <li data-bbox="967 1493 1503 1690">○ Graduate Record Examination (GRE) <ul style="list-style-type: none"> <li data-bbox="1062 1526 1503 1690">▪ <u>Required for candidates applying to the Cognitive Neuroscience and Cognitive Psychology graduate research fields within the program.</u> <li data-bbox="967 1694 1268 1724">○ Personal statement <li data-bbox="967 1728 1430 1757">○ Supplementary information form <li data-bbox="967 1761 1503 1858">○ Transcript(s) <ul style="list-style-type: none"> <li data-bbox="1062 1795 1503 1858">▪ From all other post-secondary institutions.

How will students currently registered in the program be impacted by these changes?

Currently registered students will not be impacted by these changes.

Department/School approval date (mm/dd/yy): 09/06/2022

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 09/13/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts and Environment

Effective date: Term: Winter Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (e.g. *Course description, Course title*):

Creating GGOV 635 to cross list with SOC 785. Updating the Course title and Course description for the existing SOC 785 course.

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: GGOV

Course number: 635

Course ID: 003065

Course title (max. 100 characters including spaces):

Urban Security Governance

Course short title (max. 30 characters including spaces):

Urban Security Governance

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description:

An examination of the urban aspects of security, surveillance, war, and terrorism. Additional themes include the militarization of policing, the role of 'big data' in urban policing, and the relationships between architecture, planning, and surveillance in urban security governance.

Meet type(s): Seminar Choose an item. Choose an item. Choose an item.

Primary meet type: Seminar

Delivery mode: On-campus

Requisites:

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status: SOC 785

Sections combined/held with:

Rationale for request:

SOC 785 is an existing course that is likely to be of interest to GGOV students. This request is to create GGOV 635 for the purposes of cross-listing with SOC 785. Cross-listing is likely to boost course enrolment.

Form completed by: David Welch

Department/School approval date (mm/dd/yy): 04/28/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/04/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Effective date: Term: Winter Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (e.g. *Course description, Course title*):

Cross-listing GGOV 635 with SOC 785. Updating the Course title and Course description.

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: SOC

Course number: 785

Course ID: 003065

Course title (max. 100 characters including spaces):

Current title: Cities and Security

Revised title: Urban Security Governance

Course short title (max. 30 characters including spaces):

Current short title: Cities and Security

Revised short title: Urban Security Governance

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description:

Current description: An examination of the urban aspects of security, surveillance, war and terrorism. Particular attention will be given to the contemporary embrace of resilience as a rationality of urban security. Additional themes include the militarization of policing, the role of 'big data' in the intensification of urban surveillance, and the relationship between security and urban environments.

Revised description: An examination of the urban aspects of security, surveillance, war, and terrorism. Additional themes include the militarization of policing, the role of 'big data' in urban policing, and the relationships between architecture, planning, and surveillance in urban security governance.

Meet type(s): Seminar Choose an item. Choose an item. Choose an item.

Primary meet type: Seminar

Delivery mode: On-campus

Requisites:

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status: GGOV 635

Sections combined/held with:

Rationale for request:

Revised title and description better reflect the content of the course.

Cross-list is requested as the course is likely to be of interest to GGOV students as well as SOC students. Cross-listing is likely to boost course enrolment.

Form completed by: Owen Gallupe

Department/School approval date (mm/dd/yy): 04/28/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/04/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Program: 1. Doctor of Philosophy (PhD) in Political Science
2. Doctor of Philosophy (PhD) in Political Science - Co-operative Program

Program contact name(s): Maysah Eid

Form completed by: Maysah Eid

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

To include PSCI 688 as an alternative core course requirement for students specializing in the Political Economy Graduate Research Field.

Is this a [major modification](#) to the program? No

Rationale for change(s):

Provides more flexibility for scheduling and creates an additional option to meet student program requirements (specifically, accommodates students with an interest in international political economy while still meeting the required content for the PhD field examination). PSCI 688 is already being offered to GGOV students.

Proposed effective date: Term: Winter Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/departement-political-science/doctor-philosophy-phd-political-science>

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/departement-political-science/doctor-philosophy-phd-political-science-co-operative-program>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:

Degree requirements

- **Courses**
 - Students must complete 6 (0.50 unit weight) graduate-level courses:
 - PSCI 600 Political Science Methods
 - 2 core courses in one of the program's three graduate research fields
 - 2 courses in the student's second area (which may be another of the three graduate research fields or a custom concentration)
 - 1 elective (may be taken outside the Department of Political Science at the approval of the Associate Chair, Graduate Studies)
 - If selecting the Canadian Politics research field, students must complete the following core courses:
 - PSCI 661 Canadian Political Institutions
 - PSCI 662 Canadian Political Process
 - If selecting the International Relations research field, students must complete the following core courses:
 - PSCI 610 International Relations Theory
 - PSCI 611 Current Issues in International Relations
 - If selecting the Political Economy research field, students must complete the following core courses:
 - PSCI 690 Theories of Political Economy
 - PSCI 691 Developments in Political Economy
 - Students entering the PhD program from the University of Waterloo's Master of Arts (MA) in Political Science program may have already completed some of the required core courses for their chosen research fields. To meet formal course requirements for the PhD degree, these students must complete 6 new (0.50 unit weight) graduate-level courses that satisfy their comprehensive examination preparation.

Degree requirements

- **Courses**
 - Students must complete 6 (0.50 unit weight) graduate-level courses:
 - PSCI 600 Political Science Methods
 - 2 core courses in one of the program's three graduate research fields
 - 2 courses in the student's second area (which may be another of the three graduate research fields or a custom concentration)
 - 1 elective (may be taken outside the Department of Political Science at the approval of the Associate Chair, Graduate Studies)
 - If selecting the Canadian Politics research field, students must complete the following core courses:
 - PSCI 661 Canadian Political Institutions
 - PSCI 662 Canadian Political Process
 - If selecting the International Relations research field, students must complete the following core courses:
 - PSCI 610 International Relations Theory
 - PSCI 611 Current Issues in International Relations
 - If selecting the Political Economy research field, students must complete the following core courses:
 - PSCI 690 Theories of Political Economy
 - PSCI 691 Developments in Political Economy or PSCI 688 Governance of Global Economy
 - Students entering the PhD program from the University of Waterloo's Master of Arts (MA) in Political Science program may have already completed some of the required core courses for their chosen research fields. To meet formal course requirements for the PhD degree, these students must complete 6 new (0.50 unit weight) graduate-level courses that satisfy their

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ○ Reading courses may supplement regular offerings in the program, although it is understood that they will be approved at the discretion of the Department. Students will normally be permitted to take 1 reading course as part of their degree. ○ Students are required to maintain an overall average of 80% in their graduate-level coursework. 	<p>comprehensive examination preparation.</p> <ul style="list-style-type: none"> ○ Reading courses may supplement regular offerings in the program, although it is understood that they will be approved at the discretion of the Department. Students will normally be permitted to take 1 reading course as part of their degree. ○ Students are required to maintain an overall average of 80% in their graduate-level coursework.

How will students currently registered in the program be impacted by these changes?

They will have more course choice options over core courses.

Department/School approval date (mm/dd/yy): 09/23/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/12/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Effective date: Term: Winter Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (e.g. *Course description, Course title*):

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: PSCI

Course number: 615

Course ID: 013688

Course title (max. 100 characters including spaces): Global Poverty

Course short title (max. 30 characters including spaces):

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description: This course analyzes the extent and character of worldwide poverty today by adopting both a global and an historical perspective. The course examines the impact of industrialization and colonialism on poverty and the social and political economy of poverty in the contemporary world. The course examines the relationships between poverty and slums, poverty and underdevelopment, poverty and inequality, as well as poverty and hunger. The course considers various theories about causes of poverty and those public and private actions that seem most likely to reduce the extent of poverty.

Meet type(s): Seminar Choose an item. Choose an item. Choose an item.

Primary meet type: Seminar

Delivery mode: On-campus

Requisites:

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status: *GGOV 615, inactive request for GGOV 615 also submitted*

Sections combined/held with:

Rationale for request:

Course has never been offered and so to provide students with accurate transparent information, we would like to remove it from the course offerings.

Form completed by: Maysah Eid

Department/School approval date (mm/dd/yy): 09/23/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/12/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate Graduate & Research Council
Graduate Studies Course/Milestone Form



Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Effective date: Term: Winter Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (*e.g. Course description, Course title*):

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: PSCI

Course number: 616

Course ID: 013689

Course title (max. 100 characters including spaces): Global Health Governance

Course short title (max. 30 characters including spaces):

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description: Health policy-making is changing to reflect a need for more coordination among nation-states and a rising number of international non-governmental organizations, leading to a more polycentric form of global governance. It begins with a review of theoretical texts on globalization and global public policy that assist in understanding changes in scale for policy-making and for policy coordination. It then looks at the historical development of global institutions, including the World Health Organization. Finally, it examines case studies of global health policy making, noting how these actions interface with nation-states' sovereignty and autonomy, and with other sites of global authority.

Meet type(s): Seminar Choose an item. Choose an item. Choose an item.

Primary meet type: Seminar

Delivery mode: On-campus

Requisites:

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status: *GGOV 643, inactive request for GGOV 643 also submitted*

Sections combined/held with:

Rationale for request:

Course has not been offered in five years due to faculty retiring, and so to provide students with accurate transparent information, we would like to remove it from the course offerings.

Form completed by: Maysah Eid

Department/School approval date (mm/dd/yy): 09/23/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/12/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Effective date: Term: Winter Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (*e.g. Course description, Course title*):

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: PSCI

Course number: 617

Course ID: 013684

Course title (max. 100 characters including spaces): Unconventional Diplomacy

Course short title (max. 30 characters including spaces):

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description: This course stretches the definition of who are the actors that conduct the practice of diplomacy, where the sites of diplomacy are located, and what aims are privileged. Conventional diplomacy showcases state-centric activity with an emphasis on hierarchy, protocol, and closed negotiations. Unconventional diplomacy in contrast is open-ended with a focus on transparency, inclusiveness and the pursuit of global governance. The course begins with an overview of the pressures for change in diplomacy, and then moves to a detailed examination of specific areas where unconventional diplomacy has become prominent including think tank diplomacy, humanitarian diplomacy, 'pandemic' diplomacy, and celebrity diplomacy.

Meet type(s): Seminar Choose an item. Choose an item. Choose an item.

Primary meet type: Seminar

Delivery mode: On-campus

Requisites:

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status: *GGOV 651, inactive request for GGOV 651 also submitted*

Sections combined/held with:

Rationale for request:

Course has not been offered in five years due to faculty retiring, and so to provide students with accurate transparent information, we would like to remove it from the course offerings.

Form completed by: Maysah Eid

Department/School approval date (mm/dd/yy): 09/23/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/12/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Effective date: Term: Winter Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (*e.g. Course description, Course title*):

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: PSCI

Course number: 618

Course ID: 013685

Course title (max. 100 characters including spaces): Non-State Actors in Global Governance

Course short title (max. 30 characters including spaces): Non-State Actors in Global Gov

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description: Non-state actors (NHOs, corporations, networks, etc.) play increasingly important roles in

global governance, This course examines different theoretical arguments about their roles. Overarching questions include the extent to which they support or undermine states' purposes in global governance, what and how much they can contribute to global problem solving, and possible limits or critiques of their participation. It will draw on studies of non-state actors in many issue areas, venues, and parts of the world in an effort to understand what these have in common with each other, as well as possible lines of differentiation among them.

Meet type(s): Seminar Choose an item. Choose an item. Choose an item.

Primary meet type: Seminar

Delivery mode: On-campus

Requisites:

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status: *GGOV 652, inactive request for GGOV 652 also submitted*

Sections combined/held with:

Rationale for request:

Course has not been offered in five years due to faculty retiring, and so to provide students with accurate transparent information, we would like to remove it from the course offerings.

Form completed by: Maysah Eid

Department/School approval date (mm/dd/yy): 09/23/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/12/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Effective date: Term: Winter Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (*e.g. Course description, Course title*):

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: PSCI

Course number: 626

Course ID: 002425

Course title (max. 100 characters including spaces): Normative Political Theory

Course short title (max. 30 characters including spaces):

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description: An examination of how different political theorists use and understand key political concepts -

such as equality, liberty, democracy, identity, and rights - to develop the ability to assess theories of justice from a libertarian, liberal, communitarian, democratic and feminist perspective. We will examine works of contemporary political theorists, including Rawls, Nozick, Cohen, Gutmann, Dworkin, Sandel, Okin and Young.

Meet type(s): Seminar Choose an item. Choose an item. Choose an item.

Primary meet type: Seminar

Delivery mode: On-campus

Requisites:

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status:

Sections combined/held with:

Rationale for request:

Course has not been offered in five years due to faculty retiring, and so to provide students with accurate transparent information, we would like to remove it from the course offerings.

Form completed by: Maysah Eid

Department/School approval date (mm/dd/yy): 09/23/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/12/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Effective date: Term: Winter Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (*e.g. Course description, Course title*):

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: PSCI

Course number: 664

Course ID: 002452

Course title (max. 100 characters including spaces): Canada in the World: Foreign Policy

Course short title (max. 30 characters including spaces): Canada in the World

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description: Studies of post 1945 Canadian foreign policy in comparative perspective.

Meet type(s): Seminar Choose an item. Choose an item. Choose an item.

Primary meet type: Seminar

Delivery mode: On-campus

Requisites:

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status:

Sections combined/held with:

Rationale for request:

Course has not been offered in five years due to faculty retiring, and so to provide students with accurate transparent information, we would like to remove it from the course offerings.

Form completed by: Maysah Eid

Department/School approval date (mm/dd/yy): 09/23/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/12/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Effective date: Term: Winter Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (*e.g. Course description, Course title*):

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: PSCI

Course number: 686

Course ID: 002466

Course title (max. 100 characters including spaces): Emerging Economies in Global Governance

Course short title (max. 30 characters including spaces): Emerging Economies

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description: Large developing countries like Brazil, Russia, India, and China stand at the centre of much

of current international political economy. Their national development efforts profoundly shape their international participation and vice versa. This course will cover theoretical and conceptual debates about the roles of these "middle range" or "emerging" powers, then examine their national economies, before turning to see how they individually and collectively (with the other emerging powers) fit into current global governance.

Meet type(s): Seminar Choose an item. Choose an item. Choose an item.

Primary meet type: Seminar

Delivery mode: On-campus

Requisites:

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status: *GGOV 611; inactive request for GGOV 611 also submitted*

Sections combined/held with:

Rationale for request:

Course has not been offered in five years due to faculty retiring, and so to provide students with accurate transparent information, we would like to remove it from the course offerings.

Form completed by: Maysah Eid

Department/School approval date (mm/dd/yy): 09/23/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/12/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts & Environment

Program: Master of Arts (MA) in Global Governance - Aeronautics

Program contact name(s): Andrew Thompson, Maysah Eid

Form completed by: Maysah Eid

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

Updating some of the existing course titles and removing inactivated courses from the list of required/elective courses.

Is this a [major modification](#) to the program? No

Rationale for change(s):

Some of the existing course titles are being updated in the GSAC program pages to match the titles that appear in the course catalog. Other courses are being removed from the list of required/elective courses since they have been inactivated.

Proposed effective date: Term: Winter Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/global-governance/master-arts-ma-global-governance-aeronautics>

<https://uwaterloo.ca/graduate-studies-academic-calendar/environment/global-governance/master-arts-ma-global-governance-aeronautics>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Degree requirements</p> <ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Students must complete 6 courses during the first two terms, as follows: 	<p>Degree requirements</p> <ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Students must complete 6 courses during the first two terms, as follows:

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ Core course component: GGOV 600 Global Governance ▪ Aeronautics component: <ul style="list-style-type: none"> ▪ AVIA 601 Interdisciplinary Aeronautics ▪ AVIA 602 Interdisciplinary Aeronautics Project ▪ History component: 1 of the following courses (or an appropriate alternative): <ul style="list-style-type: none"> ▪ HIST 605 Global Governance in Historical Perspective ▪ HIST 606 International Development in Historical Perspective ▪ HIST 607 Human Rights in Historical Perspective I ▪ HIST 608 Human Rights in Historical Perspective II ▪ HIST 612 Indigenous Rights and Claims: A Global Perspective ▪ HIST 660 Transnational and Global History: Old Problems and New Directions ▪ Economics component: 1 of the following courses (or an appropriate alternative): <ul style="list-style-type: none"> ▪ GGOV 610/PSCI 688/PACS 630 Governance of Global Economy ▪ GGOV 611/PSCI 686 Emerging Economies in Global Governance ▪ GGOV 613/PSCI 668 The Politics of National Innovation Systems ▪ GGOV 614/PSCI 614 Global Business and Development ▪ GGOV 615/PSCI 615 Global Poverty 	<ul style="list-style-type: none"> ▪ Core course component: GGOV 600 Global Governance ▪ Aeronautics component: <ul style="list-style-type: none"> ▪ AVIA 601 Interdisciplinary Aeronautics ▪ AVIA 602 Interdisciplinary Aeronautics Project ▪ History component: 1 of the following courses (or an appropriate alternative): <ul style="list-style-type: none"> ▪ HIST 605 Global Governance in Historical Perspective ▪ HIST 606 International Development in Historical Perspective ▪ HIST 607 Human Rights in Historical Perspective I ▪ HIST 608 Human Rights in Historical Perspective II ▪ HIST 612 <u>Global Indigenous Rights</u> ▪ HIST 660 Transnational and Global History: Old Problems and New Directions ▪ Economics component: 1 of the following courses (or an appropriate alternative): <ul style="list-style-type: none"> ▪ GGOV 610/PSCI 688/PACS 630 Governance of Global Economy ▪ GGOV 613/PSCI 668 The Politics of National Innovation Systems ▪ GGOV 614/PSCI 614 Global Business and Development ▪ GGOV 618 Special Topics in Global Political Economy ▪ GGOV 619 Readings in Global Political Economy ▪ GGOV 621/PSCI 606/ERS 606 Governing

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ GGOV 618 Special Topics in Global Political Economy ▪ GGOV 619 Readings in Global Political Economy ▪ GGOV 621/PSCI 606/ERS 606 Governing Global Food and Agriculture Systems ▪ GGOV 663/PSCI 619 China and Global Governance ▪ ECON 631 International Trade ▪ ECON 635 International Trade and Development ▪ ECON 637 Economic Analysis and Global Governance ▪ ECON 673 Special Topics in Economics ▪ Political Science component: 1 of the following courses: <ul style="list-style-type: none"> ▪ GGOV 610/PSCI 688 Governance of Global Economy (GV 731 at WLU) ▪ GGOV 620/ERS 604/PSCI 604 Advanced Topics in Global Environmental Governance (GV 732 at WLU) ▪ GGOV 621/ERS 606/PSCI 606 Governing Global Food and Agriculture Systems ▪ GGOV 630/PSCI 678/PACS 634 Security Ontology-Theory (GV 733 at WLU) ▪ GGOV 631/PSCI 679/PACS 635 Security Ontology-Theory & Institutions ▪ GGOV 640/PSCI 658/PACS 633 Human Rights in the Globalized World ▪ GGOV 642/PSCI 639 Global Social 	<ul style="list-style-type: none"> Global Food and Agriculture Systems ▪ GGOV 663/PSCI 619 China and Global Governance ▪ ECON 631 International Trade ▪ ECON 635 International Trade and Development ▪ ECON 637 Economic Analysis and Global Governance ▪ ECON 673 Special Topics in Economics ▪ Political Science component: 1 of the following courses: <ul style="list-style-type: none"> ▪ GGOV 610/PSCI 688 Governance of Global Economy (GV 731 at WLU) ▪ GGOV 620/ERS 604/PSCI 604 Advanced Topics in Global Environmental Governance (GV 732 at WLU) ▪ GGOV 621/ERS 606/PSCI 606 Governing Global Food and Agriculture Systems ▪ GGOV 630/PSCI 678/PACS 634 Security Ontology-Theory (GV 733 at WLU) ▪ GGOV 631/PSCI 679/PACS 635 Security Governance: Actors, Institutions, and Issues ▪ GGOV 640/PSCI 658/PACS 633 Human Rights in the Globalized World ▪ GGOV 642/PSCI 639 Global Social Governance (GV 735 at WLU) ▪ PSCI 657/GGOV 650 International Organizations and Global Governance

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> Governance (GV 735 at WLU) <ul style="list-style-type: none"> ▪ PSCI 657/GGOV 650 International Organizations and Global Governance ▪ This degree is offered through the Collaborative Aeronautics Program. This program, jointly offered by a range of departments/schools across several academic faculties, promotes the development of interdisciplinary perspectives on aeronautics. Collaborative Aeronautics Program students complete their specialist training in their respective home departments/schools, while working with colleagues from a variety of other departments/schools in core interdisciplinary courses (AVIA 601 and AVIA 602). 	<ul style="list-style-type: none"> ▪ This degree is offered through the Collaborative Aeronautics Program. This program, jointly offered by a range of departments/schools across several academic faculties, promotes the development of interdisciplinary perspectives on aeronautics. Collaborative Aeronautics Program students complete their specialist training in their respective home departments/schools, while working with colleagues from a variety of other departments/schools in core interdisciplinary courses (AVIA 601 and AVIA 602).

How will students currently registered in the program be impacted by these changes?

Currently registered students will not be impacted by these changes. The updated list of courses will provide students with more accurate transparent course information.

Department/School approval date (mm/dd/yy):

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/13/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable):

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts & Environment

Program: Master of Arts (MA) in Global Governance

Program contact name(s): Andrew Thompson, Maysah Eid

Form completed by: Maysah Eid

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

Updating some of the existing course titles and removing inactivated courses from the list of required/elective courses.

Is this a [major modification](#) to the program? No

Rationale for change(s):

Some of the existing course titles are being updated in the GSAC program pages to match the titles that appear in the course catalog. Other courses are being removed from the list of required/elective courses since they have been inactivated.

Proposed effective date: Term: Winter Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/global-governance/master-arts-ma-global-governance>

<https://uwaterloo.ca/graduate-studies-academic-calendar/environment/global-governance/master-arts-ma-global-governance>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Degree requirements</p> <ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Students must complete 6 courses during the first two terms, as follows: <ul style="list-style-type: none"> ▪ Core course component: GGOV 600 Global Governance 	<p>Degree requirements</p> <ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Students must complete 6 courses during the first two terms, as follows: <ul style="list-style-type: none"> ▪ Core course component: GGOV 600 Global Governance

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ History component: 1 of the following courses (or an appropriate alternative): <ul style="list-style-type: none"> ▪ HIST 605 Global Governance in Historical Perspective ▪ HIST 606 International Development in Historical Perspective ▪ HIST 607 Human Rights in Historical Perspective I ▪ HIST 608 Human Rights in Historical Perspective II ▪ HIST 612 Indigenous Rights and Claims: A Global Perspective ▪ HIST 660 Transnational and Global History: Old Problems and New Directions ▪ Economics component: 1 of the following courses (or an appropriate alternative): <ul style="list-style-type: none"> ▪ GGOV 610/PSCI 688/PACS 630 Governance of Global Economy ▪ GGOV 611/PSCI 686 Emerging Economies in Global Governance ▪ GGOV 613/PSCI 668 The Politics of National Innovation Systems ▪ GGOV 614/PSCI 614 Global Business and Development ▪ GGOV 615/PSCI 615 Global Poverty ▪ GGOV 618 Special Topics in Global Political Economy ▪ GGOV 619 Readings in Global Political Economy ▪ GGOV 621/PSCI 606/ERS 606 Governing Global Food and Agriculture Systems 	<ul style="list-style-type: none"> ▪ History component: 1 of the following courses (or an appropriate alternative): <ul style="list-style-type: none"> ▪ HIST 605 Global Governance in Historical Perspective ▪ HIST 606 International Development in Historical Perspective ▪ HIST 607 Human Rights in Historical Perspective I ▪ HIST 608 Human Rights in Historical Perspective II ▪ HIST 612 <u>Global Indigenous Rights</u> ▪ HIST 660 Transnational and Global History: Old Problems and New Directions ▪ Economics component: 1 of the following courses (or an appropriate alternative): <ul style="list-style-type: none"> ▪ GGOV 610/PSCI 688/PACS 630 Governance of Global Economy ▪ GGOV 613/PSCI 668 The Politics of National Innovation Systems ▪ GGOV 614/PSCI 614 Global Business and Development ▪ GGOV 618 Special Topics in Global Political Economy ▪ GGOV 619 Readings in Global Political Economy ▪ GGOV 621/PSCI 606/ERS 606 Governing Global Food and Agriculture Systems ▪ GGOV 663/PSCI 619 China and Global Governance ▪ ECON 631 International Trade ▪ ECON 635 International Trade and Development

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ GGOV 663/PSCI 619 China and Global Governance ▪ ECON 631 International Trade ▪ ECON 635 International Trade and Development ▪ ECON 637 Economic Analysis and Global Governance ▪ ECON 673 Special Topics in Economics ▪ Political Science component: 1 of the following courses: <ul style="list-style-type: none"> ▪ GGOV 610/PSCI 688 Governance of Global Economy (GV 731 at WLU) ▪ GGOV 620/ERS 604/PSCI 604 Advanced Topics in Global Environmental Governance (GV 732 at WLU) ▪ GGOV 621/ERS 606/PSCI 606 Governing Global Food and Agriculture Systems ▪ GGOV 630/PSCI 678/PACS 634 Security Ontology-Theory (GV 733 at WLU) ▪ GGOV 631/PSCI 679/PACS 635 Security Ontology-Theory & Institutions ▪ GGOV 640/PSCI 658/PACS 633 Human Rights in the Globalized World ▪ GGOV 642/PSCI 639 Global Social Governance (GV 735 at WLU) ▪ PSCI 657/GGOV 650 International Organizations and Global Governance ▪ Elective component: 2 additional courses chosen from the following list: 	<ul style="list-style-type: none"> ▪ ECON 637 Economic Analysis and Global Governance ▪ ECON 673 Special Topics in Economics ▪ Political Science component: 1 of the following courses: <ul style="list-style-type: none"> ▪ GGOV 610/PSCI 688 Governance of Global Economy (GV 731 at WLU) ▪ GGOV 620/ERS 604/PSCI 604 Advanced Topics in Global Environmental Governance (GV 732 at WLU) ▪ GGOV 621/ERS 606/PSCI 606 Governing Global Food and Agriculture Systems ▪ GGOV 630/PSCI 678/PACS 634 Security Ontology-Theory (GV 733 at WLU) ▪ GGOV 631/PSCI 679/PACS 635 Security <u>Governance: Actors, Institutions, and Issues</u> ▪ GGOV 640/PSCI 658/PACS 633 Human Rights in the Globalized World ▪ GGOV 642/PSCI 639 Global Social Governance (GV 735 at WLU) ▪ PSCI 657/GGOV 650 International Organizations and Global Governance ▪ Elective component: 2 additional courses chosen from the following list: <ul style="list-style-type: none"> ▪ ECON 635 International Trade and Development ▪ GGOV 613/PSCI 668 The Politics of National Innovation Systems

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ ECON 635 International Trade and Development ▪ GGOV 611/PSCI 686 Emerging Economies in Global Governance ▪ GGOV 613/PSCI 668 The Politics of National Innovation Systems ▪ GGOV 614/PSCI 614 International Business and Development ▪ GGOV 615/PSCI 615 Global Poverty ▪ GGOV 618 Special Topics in Global Political Economy ▪ GGOV 619 Readings in Global Political Economy ▪ GGOV 622 Complexity and Global Governance ▪ GGOV 628 Special Topics in Global Environmental Governance ▪ GGOV 629 Readings in Global Environmental Governance ▪ GGOV 632 Post War Reconstruction and State Building ▪ GGOV 633 Managing Nuclear Risk ▪ GGOV 634/PSCI 620 Gender and Global Politics ▪ GGOV 638 Special Topics in Conflict and Security ▪ GGOV 639 Readings in Conflict and Security ▪ GGOV 641 International Human Rights (GV 760 at WLU) ▪ GGOV 643 Global Health Governance ▪ GGOV 644/SOC 784 International Migration: Practice, Theory and Regulation 	<ul style="list-style-type: none"> ▪ GGOV 614/PSCI 614 <u>Global</u> Business and Development ▪ GGOV 618 Special Topics in Global Political Economy ▪ GGOV 619 Readings in Global Political Economy ▪ GGOV 622 Complexity and Global Governance ▪ GGOV 628 Topics in Global Environmental Governance ▪ GGOV 629 Readings in Global Environment ▪ GGOV 633 Managing Nuclear Risk ▪ GGOV 634/PSCI 620 Gender and Global Politics ▪ GGOV 638 Special Topics in Conflict and Security ▪ GGOV 639 Readings in Conflict and Security ▪ GGOV 641 International Human Rights (GV 760 at WLU) ▪ GGOV 644/SOC 784 International Migration: Practice, Theory and Regulation ▪ GGOV 648 Special Topics in <u>Global Justice</u> and <u>Human Rights</u> ▪ GGOV 649 Readings in Global Justice ▪ GGOV 653 International Organizations and Public Policy ▪ GGOV 658 Special Topics in Multilateral Institutions and Diplomacy ▪ GGOV 659 Readings in Multilateral Institutions and Diplomacy ▪ GGOV 660 Public International Law ▪ GGOV 661 International Organizations Law

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ GGOV 648 Special Topics in Human Rights and Global Justice ▪ GGOV 649 Readings in Human Rights and Global Justice ▪ GGOV 651/PSCI 617 Unconventional Diplomacy ▪ GGOV 652/PSCI 618 Non-State Actors in Global Governance ▪ GGOV 653 International Organizations and Public Policy ▪ GGOV 658 Special Topics in Multilateral Institutions and Diplomacy ▪ GGOV 659 Readings in Multilateral Institutions and Diplomacy ▪ GGOV 660 Public International Law ▪ GGOV 661 International Organizations Law ▪ GGOV 662/SOC 781 Global Development Governance ▪ GGOV 663 China and Global Governance ▪ GGOV 668 Special Topics in Global Social Governance ▪ GGOV 669 Readings in Global Social Governance ▪ HIST 604 Theory and Practice of Insurgency and Counterinsurgency: Historical and Contemporary Issues ▪ HIST 606 International Development in Historical Perspective ▪ HIST 610 War and Society in the Twentieth Century I ▪ HIST 611 War and Society in the Twentieth Century II 	<ul style="list-style-type: none"> ▪ GGOV 662/SOC 781 Global Development Governance ▪ GGOV 663 China and Global Governance ▪ GGOV 668 Special Topics in Global Social Governance ▪ GGOV 669 Readings in Global Social Governance ▪ HIST 604 Theory and Practice of Insurgency and Counterinsurgency: Historical and Contemporary Issues ▪ HIST 606 International Development in Historical Perspective ▪ HIST 610 War and Society in the Twentieth Century I ▪ HIST 611 War and Society in the Twentieth Century II ▪ HIST 626 Modern European History I ▪ HIST 627 Modern European History II ▪ HIST 632 History of the United States I ▪ HIST 651 Historians and Public Policy ▪ PSCI 639/GGOV 642 Global Social Governance ▪ PSCI 651 Democracy and Development ▪ PSCI 657/GGOV 650 International Organizations and Global Governance ▪ PSCI 658/GGOV 640 Human Rights in the Globalized World ▪ PSCI 680 Critical Security Studies ▪ PSCI 684 Special Topics in International Diplomacy

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ HIST 626 Modern European History I ▪ HIST 627 Modern European History II ▪ HIST 632 History of the United States I ▪ HIST 651 Historians and Public Policy ▪ PSCI 639/GGOV 642 Global Social Governance ▪ PSCI 651 Democracy and Development ▪ PSCI 657/GGOV 650 International Organizations and Global Governance ▪ PSCI 658/GGOV 640 Human Rights in the Globalized World ▪ PSCI 680 Critical Security Studies ▪ PSCI 681 Power Politics and World Order Studies ▪ PSCI 684 Special Topics in International Diplomacy ▪ Note: Not all courses are offered each year and more courses may be available. Consult the respective departments for information on available courses in any given year. Consult the graduate studies calendar for full course descriptions. ▪ Students in the MA program may also wish to pursue a Graduate Research Field in Peace Integration. ▪ A Graduate Research Field is a University credential that is recognized on the student's transcript and is intended to reflect that a student has successfully completed research and a set of courses that together provide an in-depth study in the area of the 	<ul style="list-style-type: none"> ▪ Note: Not all courses are offered each year and more courses may be available. Consult the respective departments for information on available courses in any given year. Consult the graduate studies calendar for full course descriptions. ▪ Students in the MA program may also wish to pursue a Graduate Research Field in Peace Integration. ▪ A Graduate Research Field is a University credential that is recognized on the student's transcript and is intended to reflect that a student has successfully completed research and a set of courses that together provide an in-depth study in the area of the Graduate Research Field. A student will only obtain the Graduate Research Field on their transcript if they have completed the requirements associated with the MA degree and the requirements associated with the Graduate Research Field. ▪ The course requirements for the Graduate Research Field in Peace Integration are described below. ▪ Students must successfully complete the following courses: <ul style="list-style-type: none"> ▪ GGOV 600 Global Governance ▪ 1 course from the following list: <ul style="list-style-type: none"> ▪ PACS 601 Systems of Peace, Order, and Good Governance ▪ PACS 602 Practice of Peace

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Graduate Research Field. A student will only obtain the Graduate Research Field on their transcript if they have completed the requirements associated with the MA degree and the requirements associated with the Graduate Research Field.</p> <ul style="list-style-type: none"> ▪ The course requirements for the Graduate Research Field in Peace Integration are described below. ▪ Students must successfully complete the following courses: <ul style="list-style-type: none"> ▪ GGOV 600 Global Governance ▪ 1 course from the following list: <ul style="list-style-type: none"> ▪ PACS 601 Systems of Peace, Order, and Good Governance ▪ PACS 602 Practice of Peace ▪ PACS 603 Building Civil Society ▪ PACS 604 Conflict Analysis ▪ PACS 605 Conflict Transformation and Peacebuilding ▪ 2 courses from the following list (note: each of the 2 courses must be from a different subjectcode/area): <ul style="list-style-type: none"> ▪ INDEV 604/PACS 650 Sustainable Food Systems ▪ INDEV 605/PACS 651 Economics for Sustainable Development 	<ul style="list-style-type: none"> ▪ PACS 603 Building Civil Society ▪ PACS 604 Conflict Analysis ▪ PACS 605 Conflict Transformation and Peacebuilding ▪ 2 courses from the following list (note: each of the 2 courses must be from a different subjectcode/area): <ul style="list-style-type: none"> ▪ INDEV 604/PACS 650 Sustainable Cities ▪ INDEV 605/PACS 651 Economics for Sustainable Development ▪ INDEV 608/PACS 652 Water and Security ▪ INDEV 609 Sustainability Concepts, Applications and Key Debates ▪ INDEV 613 Water, Human Security and Development ▪ GEMCC 602 Climate Change: Vulnerability and Adaptation ▪ GEMCC 622 Climate Change, Natural Hazards and Disaster Risk Reduction ▪ GEMCC 640 Climate Change Governance: From Global

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ INDEV 608/PACS 652 Water and Security ▪ INDEV 609 Sustainability Concepts, Applications and Key Debates ▪ INDEV 613 Water, Human Security and Development ▪ GEMCC 602 Climate Change: Vulnerability and Adaptation ▪ GEMCC 622 Climate Change, Natural Hazards and Disaster Risk Reduction ▪ GEMCC 640 Climate Change Governance: From Global Treaties to Local Innovation ▪ HLTH 603 Health Systems and Policy ▪ HLTH 604 Health and the Environment (blended on-campus/online offering) ▪ HLTH 607 Social and Cultural Aspects of Public Health (blended on-campus/online offering) ▪ HLTH 614 Foundations of Program Evaluation ▪ HLTH 632 Health Economics and 	<ul style="list-style-type: none"> Treaties to Local Innovation ▪ HLTH 603 Health Systems and Policy ▪ HLTH 604 <u>Public Health and the Environment</u> (blended on-campus/online offering) ▪ HLTH 607 <u>Social, Cultural and Behavioural Aspects of Public Health</u> (blended on-campus/online offering) ▪ HLTH 614 Foundations of Program Evaluation ▪ HLTH 632 Health Economics and Public Health (online offering) ▪ HLTH 661 Geographic Information Systems and Public Health (online offering) ▪ HLTH 662 Global Health ▪ 2 additional courses from the following list (note: each of the 2 courses must be from a different subject code/area): <ul style="list-style-type: none"> ▪ History component: 1 of the following courses (or an appropriate alternative): ▪ HIST 605 Global Governance in Historical Perspective

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> Public Health (online offering) <ul style="list-style-type: none"> ▪ HLTH 661 Geographic Information Systems and Public Health (online offering) ▪ HLTH 662 Global Health ▪ 2 additional courses from the following list (note: each of the 2 courses must be from a different subject code/area): <ul style="list-style-type: none"> ▪ History component: 1 of the following courses (or an appropriate alternative): ▪ HIST 605 Global Governance in Historical Perspective ▪ HIST 606 International Development in Historical Perspective ▪ HIST 607 Human Rights in Historical Perspective I ▪ HIST 608 Human Rights in Historical Perspective II ▪ HIST 612 Indigenous Rights and Claims: A Global Perspective ▪ HIST 660 Transnational and Global History: Old Problems and New Directions 	<ul style="list-style-type: none"> ▪ HIST 606 International Development in Historical Perspective ▪ HIST 607 Human Rights in Historical Perspective I ▪ HIST 608 Human Rights in Historical Perspective II ▪ HIST 612 <u>Global Indigenous Rights</u> ▪ HIST 660 Transnational and Global History: Old Problems and New Directions ▪ Economics component: 1 of the following courses (or an appropriate alternative): ▪ GGOV 610/PSCI688/PACS 630 Governance of Global Economy ▪ GGOV 613/PSCI 668 The Politics of National Innovation Systems ▪ GGOV 614/PSCI 614 Global Business and Development ▪ GGOV 618 Special Topics in Global Political Economy ▪ GGOV 619 Readings in Global Political Economy

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ Economics component: 1 of the following courses (or an appropriate alternative): ▪ GGOV 610/PSCI688/PACS 630 Governance of Global Economy ▪ GGOV 611/PSCI 686 Emerging Economies in Global Governance ▪ GGOV 613/PSCI 668 The Politics of National Innovation Systems ▪ GGOV 614/PSCI 614 Global Business and Development ▪ GGOV 615/PSCI 615 Global Poverty ▪ GGOV 618 Special Topics in Global Political Economy ▪ GGOV 619 Readings in Global Political Economy ▪ GGOV 621/PSCI 606/ERS606 Governing Global Food and Agriculture Systems ▪ GGOV 663/PSCI 619 China and Global Governance ▪ ECON 631 International Trade ▪ ECON 635 International 	<ul style="list-style-type: none"> ▪ GGOV 621/PSCI 606/ERS606 Governing Global Food and Agriculture Systems ▪ GGOV 663/PSCI 619 China and Global Governance ▪ ECON 631 International Trade ▪ ECON 635 International Trade and Development ▪ ECON 637 Economic Analysis and Global Governance ▪ ECON 673 Special Topics in Economics ▪ Political Science component: 1 of the following courses: ▪ GGOV 610/PSCI 688 Governance of Global Economy (GV 731 at WLU) ▪ GGOV 620/ERS 604/PSCI 604 Advanced Topics in Global Environmental Governance (GV 732 at WLU) ▪ GGOV 621/ERS 606/PSCI 606 Governing Global Food and Agriculture Systems\ ▪ GGOV 630/PSCI 678/PACS 634 Security

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> Trade and Development ▪ ECON 637 Economic Analysis and Global Governance ▪ ECON 673 Special Topics in Economics ▪ Political Science component: 1 of the following courses: ▪ GGOV 610/PSCI 688 Governance of Global Economy (GV 731 at WLU) ▪ GGOV 620/ERS 604/PSCI 604 Advanced Topics in Global Environmental Governance (GV 732 at WLU) ▪ GGOV 621/ERS 606/PSCI 606 Governing Global Food and Agriculture Systems\ ▪ GGOV 630/PSCI 678/PACS 634 Security Ontology-Theory (GV 733at WLU) ▪ GGOV 631/PSCI 679/PACS 635 Security Ontology-Issues & Institutions ▪ GGOV 640/PSCI 658/PACS 633 Human Rights in the Globalized World ▪ GGOV 642/PSCI 639 Global Social 	<ul style="list-style-type: none"> Ontology-Theory (GV 733at WLU) ▪ GGOV 631/PSCI 679/PACS 635 Security Ontology-Issues & Institutions ▪ GGOV 640/PSCI 658/PACS 633 Human Rights in the Globalized World ▪ GGOV 642/PSCI 639 Global Social Governance (GV 735 at WLU) ▪ PSCI 657/GGOV 650 International Organizations and Global Governance

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p style="text-align: center;">Governance (GV 735 at WLU)</p> <ul style="list-style-type: none"> ▪ PSCI 657/GGOV 650 International Organizations and Global Governance 	

How will students currently registered in the program be impacted by these changes?

Currently registered students will not be impacted by these changes. The updated list of courses will provide students with more accurate transparent course information.

Department/School approval date (mm/dd/yy):

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/13/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable):

Graduate Studies Program Revision Template

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts & Environment

Program: Doctor of Philosophy (PhD) in Global Governance

Program contact name(s): Andrew Thompson, David Welch, Maysah Eid

Form completed by: Maysah Eid

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

Adding/updating course titles and cross-listings and removing inactivated courses from the list of required/elective courses.

Is this a [major modification](#) to the program? No

Rationale for change(s):

The course titles and cross-listing are being added/updated in the GSAC program pages to match the titles that appear in the course catalog. Other courses are being removed from the lists since they have been inactivated.

Proposed effective date: Term: Winter Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/global-governance/doctor-philosophy-phd-global-governance>

<https://uwaterloo.ca/graduate-studies-academic-calendar/environment/global-governance/doctor-philosophy-phd-global-governance>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Degree requirements</p> <ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Students must complete 6 (0.50 unit weight) courses, including the following 4 mandatory courses: the “core” course component, the “economics” 	<p>Degree requirements</p> <ul style="list-style-type: none"> • Courses <ul style="list-style-type: none"> ○ Students must complete 6 (0.50 unit weight) courses, including the following 4 mandatory courses: the “core” course component, the “economics”

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>component, the “history” component, and the “research methods” component.</p> <ul style="list-style-type: none"> ▪ Core course component (must be completed in the first term of registration in the program). <ul style="list-style-type: none"> ▪ 1 of the following courses: <ul style="list-style-type: none"> ▪ GGOV 700 Global Governance ▪ GV 710 (at WLU) ▪ Economics component <ul style="list-style-type: none"> ▪ ECON 637 Economic Analysis and Global Governance ▪ History component <ul style="list-style-type: none"> ▪ 1 of the following courses: <ul style="list-style-type: none"> ▪ HIST 605 Global Governance in Historical Perspective ▪ GV 720 (at WLU) The History of Global Governance ▪ Research Methods component <ul style="list-style-type: none"> ▪ GGOV 701 Research Methods ▪ GV 701 (at WLU) <p>○ Specializing</p> <ul style="list-style-type: none"> ▪ Students must choose to specialize in one of the six fields of the program. To prepare for the comprehensive exam in that field, they must select at least 2 courses from their chosen field. Of these 2, at least 1 course must be a course identified as “core” for that field (marked with an asterisk in the lists below). The 6th course is an elective course. ▪ Not all courses are offered each year and more courses may be available. Consult the respective departments at both institutions for information on available courses in any given year. Consult the respective 	<p>component, the “history” component, and the “research methods” component.</p> <ul style="list-style-type: none"> ▪ Core course component (must be completed in the first term of registration in the program). <ul style="list-style-type: none"> ▪ 1 of the following courses: <ul style="list-style-type: none"> ▪ GGOV 700 Global Governance ▪ GV 710 (at WLU) ▪ Economics component <ul style="list-style-type: none"> ▪ ECON 637 Economic Analysis and Global Governance ▪ History component <ul style="list-style-type: none"> ▪ 1 of the following courses: <ul style="list-style-type: none"> ▪ HIST <u>703 The History of Global Governance</u> ▪ GV 720 (at WLU) The History of Global Governance ▪ Research Methods component <ul style="list-style-type: none"> ▪ GGOV 701 Research Methods ▪ GV 701 (at WLU) <p>○ <u>Graduate research fields</u></p> <ul style="list-style-type: none"> ▪ Students must choose to specialize in one of the six fields of the program. To prepare for the comprehensive exam in that field, they must select at least 2 courses from their chosen field. Of these 2, at least 1 course must be a course identified as “core” for that field (marked with an asterisk in the lists below). The 6th course is an elective course. ▪ Not all courses are offered each year and more courses may be available. Consult the respective departments/<u>schools</u> at both institutions for information on available courses in any given year. Consult the

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>graduate calendars for full course descriptions.</p> <ul style="list-style-type: none"> ○ If selecting the field of Conflict and Security, students must choose at least 2 courses from among the following offerings at the partner universities: <ul style="list-style-type: none"> ▪ University of Waterloo <ul style="list-style-type: none"> ▪ GGOV 630/PSCI 678/PACS 634 (GV 733 at WLU)* ▪ GGOV 631/PSCI 679/PACS 635* ▪ GGOV 632/ PSCI 654/PACS 632 ▪ GGOV 633 ▪ GGOV 634 ▪ GGOV 638 ▪ GGOV 639 ▪ HIST 604 ▪ HIST 610 ▪ HIST 611 ▪ HIST 632 ▪ PSCI 636 ▪ PSCI 684 ▪ PSCI 687 ▪ Wilfrid Laurier University <ul style="list-style-type: none"> ▪ HI 610A ▪ HI 615A ▪ HI 616A ▪ HI 696I ▪ HI 715 ▪ IP 631 ▪ PO 648 ○ If selecting the field of Global Environment, students must choose at least 2 courses from among the following offerings at the partner universities: <ul style="list-style-type: none"> ▪ University of Waterloo <ul style="list-style-type: none"> ▪ ERS 675 ▪ GGOV 620/ERS 604/PSCI 604* ▪ GGOV 621/ERS 606/PSCI 606 ▪ GGOV 622 ▪ GGOV 628 ▪ GGOV 629 ▪ GG 665/PLAN 665 ▪ GG 668/PLAN 668 ▪ Wilfrid Laurier University <ul style="list-style-type: none"> ▪ BU 615 	<p>respective graduate calendars for full course descriptions.</p> <ul style="list-style-type: none"> ○ If selecting the field of Conflict and Security, students must choose at least 2 courses from among the following offerings at the partner universities: <ul style="list-style-type: none"> ▪ University of Waterloo <ul style="list-style-type: none"> ▪ GGOV 630/PSCI 678/PACS 634 (GV 733 at WLU) <u>Security Ontology-Theory*</u> ▪ GGOV 631/PSCI 679/PACS 635* <u>Security Governance: Actors, Institutions, and Issues</u> ▪ GGOV 632/ PSCI 654/PACS 632 <u>Post-War Reconstruction and State Building</u> ▪ GGOV 633 <u>Managing Nuclear Risk</u> ▪ GGOV 634 <u>Gender and Global Politics</u> ▪ GGOV 638 <u>Special Topics in Conflict and Security</u> ▪ GGOV 639 <u>Readings in Conflict and Security</u> ▪ HIST 604 <u>Theory and Practice of Insurgency and Counterinsurgency: Historical and Contemporary Issues</u> ▪ HIST 610 <u>War and Society in the Twentieth Century</u> ▪ HIST 611 <u>War and Society in the Twentieth Century II</u> ▪ HIST 632 <u>History of the United States I</u> ▪ PSCI 687 <u>Explaining Interstate War</u> ▪ Wilfrid Laurier University <ul style="list-style-type: none"> ▪ HI 610A ▪ HI 615A ▪ HI 616A

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ GG 635 ▪ GG 660 ▪ GG 665 ▪ GG 668 ▪ GG 673* ▪ IP 611 ▪ IP 612 ▪ IP 613/GG 664 ○ If selecting the field of Global Justice and Human Rights, students must choose at least 2 courses from among the following offerings at the partner universities: <ul style="list-style-type: none"> ▪ University of Waterloo <ul style="list-style-type: none"> ▪ GGOV 640/PSCI 658/PACS 633* ▪ GGOV 641* (GV 760 at WLU) ▪ GGOV 642/PSCI 639 ▪ GGOV 643/PSCI 616 ▪ GGOV 644/SOC 784 ▪ GGOV 648 ▪ GGOV 649 ▪ HIST 603 ▪ HIST 626 ▪ HIST 627 ▪ HIST 635 ▪ HIST 636 ▪ PSCI 624 ▪ PSCI 654 ▪ PSCI 760 ▪ Wilfrid Laurier University <ul style="list-style-type: none"> ▪ GV 760* ▪ HI 715 ▪ IP 632 ▪ PO 644 ▪ PO 652 ▪ PO 671 ▪ PO 692D ○ If selecting the field of Global Political Economy, students must choose at least 2 courses from among the following offerings at the partner universities: <ul style="list-style-type: none"> ▪ University of Waterloo <ul style="list-style-type: none"> ▪ ECON 631 ▪ ECON 632 ▪ ECON 635 ▪ ECON 664 ▪ ECON 665 ▪ ERS 606/PSCI 606 	<ul style="list-style-type: none"> ▪ HI 696I ▪ HI 715 ▪ IP 631 ▪ PO 648 ○ If selecting the field of Global Environment, students must choose at least 2 courses from among the following offerings at the partner universities: <ul style="list-style-type: none"> ▪ University of Waterloo <ul style="list-style-type: none"> ▪ ERS 675 <u>Special Readings and Seminars on Selected Topics in Environment and Resource Studies</u> ▪ GGOV 620/ERS 604/PSCI 604 <u>Advanced Topics in Global Environmental Governance*</u> ▪ GGOV 621/ERS 606/PSCI 606 <u>Governing Global Food and Agriculture Systems</u> ▪ GGOV 622 <u>Complexity and Global Governance</u> ▪ GGOV 628 <u>Topics in Global Environment</u> ▪ GGOV 629 <u>Readings in Global Environment</u> ▪ GEOG 665/PLAN 665 <u>Environmental Planning Theory and Practice</u> ▪ GEOG 668 <u>Indigenous Environmental Management Perspectives</u> ▪ Wilfrid Laurier University <ul style="list-style-type: none"> ▪ BU 615 ▪ GG 635 ▪ GG 660 ▪ GG 665 ▪ GG 668 ▪ GG 673* ▪ IP 611 ▪ IP 612 ▪ IP 613/GG 664 ○ If selecting the field of Global Justice and Human Rights, students must choose at least 2 courses from among

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ GGOV 610/PSCI 688/PACS 630* ▪ GGOV 611/PSCI 686 ▪ GGOV 612/PSCI 612/PACS 631 ▪ GGOV 613/PSCI 643 ▪ GGOV 614/PSCI 614 ▪ GGOV 615/PSCI 615 ▪ GGOV 618 ▪ GGOV 619 ▪ HIST 606 ▪ PSCI 631 ▪ PSCI 683 ▪ PSCI 685 ▪ PSCI 689 ▪ Wilfrid Laurier University <ul style="list-style-type: none"> ▪ BU 633 ▪ BU 643 ▪ BU 701 ▪ BU 733 ▪ EC 649 ▪ IP 622* ▪ IP 641 ▪ PO 640 ○ If selecting the field of Global Social Governance, students must choose at least 2 courses from among the following offerings at the partner universities: <ul style="list-style-type: none"> ▪ University of Waterloo <ul style="list-style-type: none"> ▪ GGOV 642* ▪ GGOV 614 ▪ GGOV 615 ▪ GGOV 621 ▪ GGOV 643 ▪ GGOV 661 ▪ GGOV 662/SOC 781 ▪ GGOV 663 ▪ GGOV 668 ▪ GGOV 669 ▪ HIST 606 ▪ Wilfrid Laurier University <ul style="list-style-type: none"> ▪ PO 670 ▪ IP 631 ○ If selecting the field of Multilateral Institutions and Diplomacy, students must choose at least 2 courses from among the following offerings at the partner universities: <ul style="list-style-type: none"> ▪ University of Waterloo <ul style="list-style-type: none"> ▪ GGOV 650/PSCI 657* 	<p>the following offerings at the partner universities:</p> <ul style="list-style-type: none"> ▪ University of Waterloo <ul style="list-style-type: none"> ▪ GGOV 640/PSCI 658/PACS 633 <u>Human Rights in the Globalized World*</u> ▪ GGOV 641 (GV 760 at WLU) <u>International Human Rights*</u> ▪ GGOV 642/PSCI 639 <u>Global Social Governance</u> ▪ GGOV 643/PSCI 616 <u>Global Health Governance</u> ▪ GGOV 644/SOC 784 <u>International Migration: Practice, Theory & Regulation</u> ▪ GGOV 648 <u>Special Topics in Global Justice and Human Rights</u> ▪ GGOV 649 <u>Readings in Global Justice</u> ▪ HIST 603 <u>Nationalism and Ethnic Policies of Multinational States</u> ▪ HIST 626 <u>Modern European History I</u> ▪ HIST 627 <u>Modern European History II</u> ▪ HIST 635 <u>Race in Modern History I</u> ▪ HIST 636 <u>Race in Modern History II</u> ▪ PSCI 624/PACS 660 <u>Justice and Gender</u> ▪ Wilfrid Laurier University <ul style="list-style-type: none"> ▪ GV 760* ▪ HI 715 ▪ IP 632 ▪ PO 644 ▪ PO 652 ▪ PO 671 ▪ PO 692D ○ If selecting the field of Global Political Economy, students must choose at least 2 courses from among the following offerings at the partner universities:

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ GGOV 651/PSCI 617 ▪ GGOV 652/PSCI 618 ▪ GGOV 653 ▪ GGOV 658 ▪ GGOV 659 ▪ HIST 632 ▪ HIST 633 ▪ HIST 651 ▪ PSCI 634 ▪ PSCI 664 ▪ Wilfrid Laurier University <ul style="list-style-type: none"> ▪ BU 808 ▪ HI 768 ▪ PO 641 ▪ PO 642 ▪ PO 649 ▪ PO 670 ○ Students entering the PhD program from the University of Waterloo's Master of Arts (MA) program in Global Governance will have already completed PSCI 610, ECON 637, HIST 605 as well as 3 other courses. ○ To meet formal course requirements for the PhD degree, these students must complete 6 new term courses that meet the following requirements. <ul style="list-style-type: none"> ▪ In preparation for their comprehensive exam in Global Governance, 3 of these courses must be chosen from the following list of key courses. <ul style="list-style-type: none"> ▪ University of Waterloo <ul style="list-style-type: none"> ▪ GGOV 610/PSCI 688 ▪ GGOV 620/ERS 604/PSCI 604 ▪ GGOV 621/ERS 606/PSCI 606 ▪ GGOV 630/PSCI 678 ▪ GGOV 631/PSCI 679 ▪ GGOV 640/PSCI 658 ▪ GGOV 641 ▪ GGOV 650/PSCI 657 ▪ Wilfrid Laurier University <ul style="list-style-type: none"> ▪ GG 673 ▪ GV 750 	<ul style="list-style-type: none"> ▪ University of Waterloo <ul style="list-style-type: none"> ▪ ECON 631 <u>International Trade</u> ▪ ECON 635 <u>International Trade & Development</u> ▪ ERS 606/PSCI 606/<u>GGOV 621 Governing Global Food and Agriculture Systems</u> ▪ GGOV 610/PSCI 688/<u>PACS 630 Governance of Global Economy*</u> ▪ GGOV 613/PSCI 668 <u>The Politics of National Innovation Systems</u> ▪ GGOV 614/PSCI 614 <u>Global Business and Development</u> ▪ GGOV 618 <u>Special Topics in Global Political Economy</u> ▪ GGOV 619 <u>Readings in Global Political Economy</u> ▪ HIST 606 <u>International Development in Historical Perspective</u> ▪ PSCI 631 <u>The State and Economic Life</u> ▪ PSCI 683 <u>Topics in International Political Economy</u> ▪ PSCI 685 <u>Directed Readings in International Politics</u> ▪ PSCI 689 <u>International Political Economy</u> ▪ Wilfrid Laurier University <ul style="list-style-type: none"> ▪ BU 633 ▪ BU 643 ▪ BU 701 ▪ BU 733 ▪ EC 649 ▪ IP 622* ▪ IP 641 ▪ PO 640 ○ If selecting the field of Global Social Governance, students must choose at least 2 courses from among the following offerings at the partner universities:

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ GV 760 ▪ IP 622 ▪ Students must include courses from at least two disciplines. ▪ Students must choose to specialize in one of the six fields of the program. To prepare for the comprehensive exam in that field, they must select at least 2 of their 6 courses from their chosen field (courses taken to fulfil the requirement above can be counted towards this requirement). Of these 2, at least 1 course must be a course identified as “core” for that field. The courses for each field, and the “core” courses, are listed above. The core course requirements can be waived only if students have already taken all of the core courses for their chosen field during their MA studies. ▪ After students have met these various requirements, any additional courses required to meet the total of 6 new courses are elective options that can be selected from any of the program’s courses. ○ Students entering the PhD program from Wilfrid Laurier University’s Master of International Public Policy (MIPP) program can count the following parts of the MIPP program toward their course requirements in the PhD: <ul style="list-style-type: none"> ○ If a MIPP graduate has done the Global Governance field, they will be exempt from the program’s core course. ○ If a MIPP graduate has done the International Economic Relations field, they will be exempt from the Economics core component. ○ If a MIPP graduate has completed equivalent courses, they will be exempt from some PhD program requirements, as decided in consultation with the Program Director. To meet their formal course requirements for the PhD degree, these students must complete 	<ul style="list-style-type: none"> ▪ University of Waterloo <ul style="list-style-type: none"> ▪ <u>GGOV 642/PSCI 639 Global Social Governance*</u> ▪ <u>GGOV 614/PSCI 614 Global Business and Development</u> ▪ <u>GGOV 621/PSCI 606/ERS 606 Governing Global Food and Agriculture Systems</u> ▪ <u>GGOV 643/PSCI 616 Global Health Governance</u> ▪ <u>GGOV 661 International Organizations Law</u> ▪ <u>GGOV 662/SOC 781 Global Development Governance</u> ▪ <u>GGOV 663/PSCI 619 China and Global Governance</u> ▪ <u>GGOV 668 Special Topics in Global Social Governance</u> ▪ <u>GGOV 669 Readings in Global Social Governance</u> ▪ HIST 606 ▪ Wilfrid Laurier University <ul style="list-style-type: none"> ▪ PO 670 ▪ IP 631 ○ If selecting the field of Multilateral Institutions and Diplomacy, students must choose at least 2 courses from among the following offerings at the partner universities: <ul style="list-style-type: none"> ▪ University of Waterloo <ul style="list-style-type: none"> ▪ <u>GGOV 650/PSCI 657 International Organizations and Global Governance*</u> ▪ <u>GGOV 653 International Organizations and Public Policy</u> ▪ <u>GGOV 658 Special Topics in Multilateral Institutions and Diplomacy</u>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>6 new term courses that meet the following requirements.</p> <ul style="list-style-type: none"> ▪ At least 3 of the 6 courses must be from the following list: <ul style="list-style-type: none"> ▪ University of Waterloo <ul style="list-style-type: none"> ▪ GGOV 610/PSCI 688 ▪ GGOV 620/ERS 604/PSCI 604 ▪ GGOV 621/ERS 606/PSCI 606 ▪ GGOV 630/PSCI 678 ▪ GGOV 631/PSCI 679 ▪ GGOV 640/PSCI 658 ▪ GGOV 641 ▪ GGOV 650/PSCI 657 ▪ Wilfrid Laurier University <ul style="list-style-type: none"> ▪ GG 673 ▪ GV 750 ▪ GV 760 ▪ IP 622 ▪ Students must include courses from at least two disciplines. ▪ Students must choose to specialize in one of the six fields of the program. To prepare for the comprehensive exam in that field, they must select at least 2 of their 6 courses from their chosen field (courses taken to fulfil the requirement above can be counted towards this requirement). Of these 2, at least 1 course must be a course identified as “core” for that field. The courses for each field, and the “core” courses, are listed above. The core course requirements can be waived only if students have already taken all of the core courses for their chosen field during their MA studies. ▪ After students have met these various requirements, any additional courses required to meet the total of 6 new courses 	<ul style="list-style-type: none"> ▪ <u>GGOV 659 Readings in Multilateral Institutions and Diplomacy</u> ▪ <u>HIST 632 History of the United States I</u> ▪ <u>HIST 633 History of the United States II</u> ▪ <u>HIST 651 Historians and Public Policy</u> ▪ <u>PSCI 634 Comparative Public Administrationf</u> ▪ Wilfrid Laurier University <ul style="list-style-type: none"> ▪ BU 808 ▪ HI 768 ▪ PO 641 ▪ PO 642 ▪ PO 649 ▪ PO 670 ○ Students entering the PhD program from the University of Waterloo’s Master of Arts (MA) program in Global Governance will have already completed <u>GGOV 610</u>, <u>ECON 637</u>, <u>HIST 605</u> as well as 3 other courses. ○ To meet formal course requirements for the PhD degree, these students must complete 6 new term courses that meet the following requirements. <ul style="list-style-type: none"> ▪ In preparation for their comprehensive exam in Global Governance, 3 of these courses must be chosen from the following list of key courses. <ul style="list-style-type: none"> ▪ University of Waterloo <ul style="list-style-type: none"> ▪ <u>GGOV 610/PSCI 688/PACS 630 Governance of Global Economy</u> ▪ <u>GGOV 620/ERS 604/PSCI 604 Advanced Topics in Global Environmental Governance</u> ▪ <u>GGOV 621/ERS 606/PSCI 606 Governing Global Food and Agriculture Systems</u>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>are elective options that can be selected from any of the program's courses.</p> <ul style="list-style-type: none"> ○ Students are required to maintain an overall average of 83% in the course phase. 	<ul style="list-style-type: none"> ▪ GGOV 630/PSCI 678/<u>PACS 634 Security Ontology-Theory</u> ▪ GGOV 631/PSCI 679/<u>PACS 635 Security Governance: Actors, Institutions, and Issues</u> ▪ GGOV 640/PSCI 658/<u>PACS 633 Human Rights in the Globalized World</u> ▪ GGOV 641 <u>International Human Rights</u> ▪ GGOV 650/PSCI 657 <u>International Organizations and Global Governance</u> ▪ Wilfrid Laurier University <ul style="list-style-type: none"> ▪ GG 673 ▪ GV 750 ▪ GV 760 ▪ IP 622 ▪ Students must include courses from at least two disciplines. ▪ Students must choose to specialize in one of the six fields of the program. To prepare for the comprehensive exam in that field, they must select at least 2 of their 6 courses from their chosen field (courses taken to fulfil the requirement above can be counted towards this requirement). Of these 2, at least 1 course must be a course identified as "core" for that field. The courses for each field, and the "core" courses, are listed above. The core course requirements can be waived only if students have already

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
	<p>taken all of the core courses for their chosen field during their MA studies.</p> <ul style="list-style-type: none"> ▪ After students have met these various requirements, any additional courses required to meet the total of 6 new courses are elective options that can be selected from any of the program's courses. ○ Students entering the PhD program from Wilfrid Laurier University's Master of International Public Policy (MIPP) program can count the following parts of the MIPP program toward their course requirements in the PhD: ○ If a MIPP graduate has done the Global Governance field, they will be exempt from the program's core course. ○ If a MIPP graduate has done the International Economic Relations field, they will be exempt from the Economics core component. ○ If a MIPP graduate has completed equivalent courses, they will be exempt from some PhD program requirements, as decided in consultation with the Program Director. To meet their formal course requirements for the PhD degree, these students must complete 6 new term courses that meet the following requirements. <ul style="list-style-type: none"> ▪ At least 3 of the 6 courses must be from the following list: <ul style="list-style-type: none"> ▪ University of Waterloo <ul style="list-style-type: none"> ▪ <u>GGOV 610/PSCI 688/PACS 630 Governance of Global Economy</u> ▪ <u>GGOV 620/ERS 604/PSCI 604 Advanced Topics in Global Environmental Governance</u> ▪ <u>GGOV 621/ERS 606/PSCI 606 Governing Global Food and Agriculture Systems</u>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
	<ul style="list-style-type: none"> ▪ GGOV 630/PSCI 678/<u>PACS 634 Security Ontology-Theory</u> ▪ GGOV 631/PSCI 679/<u>PACS 635 Security Governance: Actors, Institutions, and Issues</u> ▪ GGOV 640/PSCI 658/<u>PACS 633 Human Rights in the Globalized World</u> ▪ GGOV 641 <u>International Human Rights</u> ▪ GGOV 650/PSCI 657 <u>International Organizations and Global Governance</u> ▪ Wilfrid Laurier University <ul style="list-style-type: none"> ▪ GG 673 ▪ GV 750 ▪ GV 760 ▪ IP 622 ▪ Students must include courses from at least two disciplines. ▪ Students must choose to specialize in one of the six fields of the program. To prepare for the comprehensive exam in that field, they must select at least 2 of their 6 courses from their chosen field (courses taken to fulfil the requirement above can be counted towards this requirement). Of these 2, at least 1 course must be a course identified as “core” for that field. The courses for each field, and the “core” courses, are listed above. The core course requirements can be waived only if students have already taken all of the core courses for

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
	<p>their chosen field during their MA studies.</p> <ul style="list-style-type: none"> ▪ After students have met these various requirements, any additional courses required to meet the total of 6 new courses are elective options that can be selected from any of the program's courses. ▪ Students are required to maintain an overall average of 83% in the course phase.

How will students currently registered in the program be impacted by these changes?

Currently registered students will not be impacted by these changes. The updated list of courses will provide students with more accurate transparent course information.

- Department/School approval date** (mm/dd/yy):
- Reviewed by GSPA** (for GSPA use only) date (mm/dd/yy): 10/13/22
- Faculty approval date** (mm/dd/yy): 11/15/22
- Senate Graduate & Research Council (SGRC) approval date** (mm/dd/yy):
- Senate approval date** (mm/dd/yy) (if applicable):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Effective date: Term: Winter Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (*e.g. Course description, Course title*):

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: GGOV

Course number: 611

Course ID: 002466

Course title (max. 100 characters including spaces): Emerging Economies in Global Governance

Course short title (max. 30 characters including spaces): Emerging Economies

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description: Large developing countries like Brazil, Russia, India, and China stand at the centre of much

of current international political economy. Their national development efforts profoundly shape their international participation and vice versa. This course will cover theoretical and conceptual debates about the roles of these "middle range" or "emerging" powers, then examine their national economies, before turning to see how they individually and collectively (with the other emerging powers) fit into current global governance.

Meet type(s): Seminar Choose an item. Choose an item. Choose an item.

Primary meet type: Seminar

Delivery mode: On-campus

Requisites:

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status: *PSCI 686; inactive request for PSCI 686 also submitted*

Sections combined/held with:

Rationale for request:

Course has not been offered in five years due to faculty retiring, and so to provide students with accurate transparent information, we would like to remove it from the course offerings.

Form completed by: Maysah Eid

Department/School approval date (mm/dd/yy): 09/23/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/13/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Effective date: Term: Winter Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (e.g. *Course description, Course title*):

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: GGOV

Course number: 615

Course ID: 013688

Course title (max. 100 characters including spaces): Global Poverty

Course short title (max. 30 characters including spaces):

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description: This course analyzes the extent and character of worldwide poverty today by adopting both a

global and an historical perspective. The course examines the impact of industrialization and colonialism on poverty and the social and political economy of poverty in the contemporary world. The course examines the relationships between poverty and slums, poverty and underdevelopment, poverty and inequality, as well as poverty and hunger. The course considers various theories about causes of poverty and those public and private actions that seem most likely to reduce the extent of poverty.

Meet type(s): Seminar Choose an item. Choose an item. Choose an item.

Primary meet type: Seminar

Delivery mode: On-campus

Requisites:

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status: *PSCI 615, inactive request for PSCI 615 also submitted*

Sections combined/held with:

Rationale for request:

Course has never been offered and so to provide students with accurate transparent information, we would like to remove it from the course offerings.

Form completed by: Maysah Eid

Department/School approval date (mm/dd/yy): 09/23/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/13/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Effective date: Term: Winter Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (*e.g. Course description, Course title*):

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: GGOV

Course number: 643

Course ID: 013689

Course title (max. 100 characters including spaces): Global Health Governance

Course short title (max. 30 characters including spaces):

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description: Health policy-making is changing to reflect a need for more coordination among nation-states

and a rising number of international non-governmental organizations, leading to a more polycentric form of global governance. It begins with a review of theoretical texts on globalization and global public policy that assist in understanding changes in scale for policy-making and for policy coordination. It then looks at the historical development of global institutions, including the World Health Organization. Finally, it examines case studies of global health policy making, noting how these actions interface with nation-states' sovereignty and autonomy, and with other sites of global authority.

Meet type(s): Seminar Choose an item. Choose an item. Choose an item.

Primary meet type: Seminar

Delivery mode: On-campus

Requisites:

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status: *PSCI 616, inactive request for PSCI 616 also submitted*

Sections combined/held with:

Rationale for request:

Course has not been offered in five years due to faculty retiring, and so to provide students with accurate transparent information, we would like to remove it from the course offerings.

Form completed by: Maysah Eid

Department/School approval date (mm/dd/yy): 09/23/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/13/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Effective date: Term: Winter Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (*e.g. Course description, Course title*):

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: GGOV

Course number: 651

Course ID: 013684

Course title (max. 100 characters including spaces): Unconventional Diplomacy

Course short title (max. 30 characters including spaces):

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description: This course stretches the definition of who are the actors that conduct the practice of

diplomacy, where the sites of diplomacy are located, and what aims are privileged. Conventional diplomacy showcases state-centric activity with an emphasis on hierarchy, protocol, and closed negotiations. Unconventional diplomacy in contrast is open-ended with a focus on transparency, inclusiveness and the pursuit of global governance. The course begins with an overview of the pressures for change in diplomacy, and then moves to a detailed examination of specific areas where unconventional diplomacy has become prominent including think tank diplomacy, humanitarian diplomacy, 'pandemic' diplomacy, and celebrity diplomacy.

Meet type(s): Seminar Choose an item. Choose an item. Choose an item.

Primary meet type: Seminar

Delivery mode: On-campus

Requisites:

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status: *PSCI 617, inactive request for PSCI 617 also submitted*

Sections combined/held with:

Rationale for request:

Course has not been offered in five years due to faculty retiring, and so to provide students with accurate transparent information, we would like to remove it from the course offerings.

Form completed by: Maysah Eid

Department/School approval date (mm/dd/yy): 09/23/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/13/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Prior to form submission, review the [content revision instructions](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Effective date: Term: Winter Year: 2023

Milestone

Note: milestone changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Choose an item.
- Inactivate: Choose an item.
- Revise: from Choose an item. to Choose an item.

Course

Note: some course changes also require the completion/submission of the [Graduate Studies Program Revision Template](#).

- New: Complete all course elements below
- Inactivate: Complete the following course elements:
Course subject code, Course number, Course ID, Course title
- Revise: Complete all course elements below to reflect the proposed change(s) and identify the course elements being revised (*e.g. Course description, Course title*):

Course elements (complete as indicated above. Review the [glossary of terms](#) for details on course elements)

Course subject code: GGOV

Course number: 652

Course ID: 013685

Course title (max. 100 characters including spaces): Non-State Actors in Global Governance

Course short title (max. 30 characters including spaces): Non-State Actors in Global Gov

Grading basis: Numerical

Course credit weight: 0.50

Course consent required: Not required

Course description: Non-state actors (NHOs, corporations, networks, etc.) play increasingly important roles in

global governance, This course examines different theoretical arguments about their roles. Overarching questions include the extent to which they support or undermine states' purposes in global governance, what and how much they can contribute to global problem solving, and possible limits or critiques of their participation. It will draw on studies of non-state actors in many issue areas, venues, and parts of the world in an effort to understand what these have in common with each other, as well as possible lines of differentiation among them.

Meet type(s): Seminar Choose an item. Choose an item. Choose an item.

Primary meet type: Seminar

Delivery mode: On-campus

Requisites:

Special topics course: Yes No

Cross-listed course: Yes No

Course subject code(s) and number(s) to be cross-listed with and approval status: *PSCI 618; inactive request for PSCI 618 also submitted*

Sections combined/held with:

Rationale for request:

Course has not been offered in five years due to faculty retiring, and so to provide students with accurate transparent information, we would like to remove it from the course offerings.

Form completed by: Maysah Eid

Department/School approval date (mm/dd/yy): 09/23/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/13/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Program: Doctor of Philosophy (PhD) in Applied Philosophy

Program contact name(s): Chris Lowry

Form completed by: Monika Kitor

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

Updating our admission requirements to be clearer and up-to-date according to department practice.

Is this a [major modification](#) to the program? No

Rationale for change(s):

To make the admission requirements clearer to prospective students with various academic backgrounds.

Proposed effective date: Term: Winter Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/department-philosophy/doctor-philosophy-phd-applied-philosophy>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Admission requirements</p> <p>Minimum requirements</p> <ul style="list-style-type: none"> Admission requirements are an MA in Philosophy or a related discipline with a minimum 80% average (to qualify for funding). Please note that all PhD students are guaranteed four years of funding. Admissions decisions will be made by the department's Graduate Committee. 	<p>Admission requirements</p> <p>Minimum requirements</p> <ul style="list-style-type: none"> The average required for admission to the PhD in Applied Philosophy program is 80%. The typical background for Applied Philosophy PhD students is a Master of Arts (MA) in Philosophy. Applicants with a Master's in a related discipline are encouraged to apply. Depending on the amount of philosophy background, these applicants may be admitted to the PhD in Applied Philosophy program or may be admitted to the MA in Philosophy program. (A separate application to the MA program is not required.)

How will students currently registered in the program be impacted by these changes?

Prospective students will have a better understanding of what they can expect to be offered if they are outside the typical applicant profile (they might be offered admission to our MA program instead of our Applied PhD program if we believe they require more relevant academic background first).

Department/School approval date (mm/dd/yy): 08/12/2022

Reviewed by GSPA (for GSPA use only) **date** (mm/dd/yy): 09/15/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable):

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Program: Master of Arts (MA) in Philosophy

Program contact name(s): Chris Lowry

Form completed by: Monika Kitor

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

Updating our admission requirements to be clearer and up-to-date according to department practice.

Is this a [major modification](#) to the program? No

Rationale for change(s):

To make the admission requirements clearer to prospective students with various academic backgrounds.

Proposed effective date: Term: Winter Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/department-philosophy/master-arts-ma-philosophy>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Admission requirements</p> <p>Minimum requirements</p> <ul style="list-style-type: none"> • The average required for admission is 78%. • From normal undergraduate programs in Philosophy: the normal background for MA students is that provided by the four-year Honours Bachelor of Arts (BA) at the University of Waterloo. • International students with qualifications judged to be equivalent to a Canadian Honours BA in philosophy are normally admitted to full graduate student status, but may be required 	<p>Admission requirements</p> <p>Minimum requirements</p> <ul style="list-style-type: none"> • The average required for admission <u>to the MA program</u> is 78%. • <u>The typical background for MA students is a four-year Honours Bachelor of Arts in Philosophy.</u> • <u>Applicants with a three-year general BA in Philosophy may also apply and may be accepted as “qualifying” students who will take a qualifying program that normally includes a minimum of eight specified undergraduate courses over a minimum of two terms. Completion of a qualifying program does not automatically entitle students to proceed towards the MA. Students who wish to enter the MA</u>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>to take certain specific courses in order to rectify deficiencies in background, either as part of or in addition to their regular graduate program.</p> <ul style="list-style-type: none"> • From a Canadian general BA or equivalent program: students admitted with the three-year Canadian general BA degree or its equivalent will be as qualifying students. A qualifying student is admitted to graduate status but not to a degree program. The qualifying year is a year of work approximately equivalent to the fourth year of an honours program. Students who do well during that year are eligible for admission to full-degree status. • From undergraduate programs in fields other than Philosophy: students with some philosophy background but whose degree is in another field are encouraged to apply to the program; typically these students will be considered as “transitional students.” Transitional students will normally be required to complete selected graduate or undergraduate courses, to be specified in writing at the time the student is recommended for admission, in addition to the usual requirements of the MA program. A transitional student is admitted directly into the MA program and is eligible for financial assistance. • From graduate programs: students who have completed a MA in Philosophy should apply to the Doctor of Philosophy (PhD) program. Students who have completed other advanced degrees in Philosophy or who have already completed work at another PhD program may be given advanced status in the PhD program. 	<p><u>program after completing a qualifying program must apply again in the normal way.</u></p> <ul style="list-style-type: none"> <u>• Applicants with a 4-year Honours Bachelor’s in another field who have a philosophy minor or significant philosophy background are encouraged to apply. Applicants should keep in mind that reference letters from philosophy professors are strongly preferred. Depending on the amount of philosophy background, these applicants may be admitted either as regular students or as “transitional” students. A transitional student will normally be required to complete selected graduate or undergraduate courses, to be specified in writing at the time the student is recommended for admission, in addition to the usual requirements of the MA program. A transitional student is admitted directly into the MA program and is eligible for funding.</u> <u>• Applicants with a 4-year Honours Bachelor’s in another field who have only some philosophy background may also apply and may be accepted as “qualifying” students who will take a qualifying program that normally includes a minimum of eight specified undergraduate courses over a minimum of two terms. Completion of a qualifying program does not automatically entitle students to proceed towards the MA. Students who wish to enter the MA program after completing a qualifying program must apply again in the normal way.</u>

How will students currently registered in the program be impacted by these changes?

Prospective MA students with non-standard previous education will have a better understanding on their admission prospects when applying to our MA department.

Department/School approval date (mm/dd/yy): 08/12/2022

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 09/15/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable):

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Program: Doctor of Philosophy (PhD) in Philosophy

Program contact name(s): Chris Lowry

Form completed by: Monika Kitor

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

Updating our admission requirements to be clearer and up-to-date according to department practice.

Is this a [major modification](#) to the program? No

Rationale for change(s):

To make the admission requirements clearer to prospective students with various academic backgrounds.

Proposed effective date: Term: Winter Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/department-philosophy/doctor-philosophy-phd-philosophy>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Admission requirements</p> <p>Minimum requirements</p> <ul style="list-style-type: none"> The average required for admission is 78%. From normal undergraduate programs in Philosophy: the normal background for MA students is that provided by the four-year Honours Bachelor of Arts (BA) at the University of Waterloo. International students with qualifications judged to be equivalent to a Canadian Honours BA in philosophy are normally admitted to full graduate student status, but may be required to take certain specific courses in order to rectify deficiencies in 	<p>Admission requirements</p> <p>Minimum requirements</p> <ul style="list-style-type: none"> The average required for admission to the PhD in <u>Philosophy program</u> is 80%. The <u>typical</u> background for PhD students is a <u>Master of Arts (MA) in Philosophy</u>. Applicants with a Master's in a related discipline are <u>encouraged to apply</u>. Depending on the amount of <u>philosophy background</u>, these applicants may be <u>admitted to the PhD in Philosophy program</u> or may be <u>admitted to the MA in Philosophy program</u>. (A <u>separate application to the MA program is not required</u>.)

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>background, either as part of or in addition to their regular graduate program.</p> <ul style="list-style-type: none"> ● From a Canadian general BA or equivalent program: students admitted with the three-year Canadian general BA degree or its equivalent will be as qualifying students. A qualifying student is admitted to graduate status but not to a degree program. The qualifying year is a year of work approximately equivalent to the fourth year of an honours program. Students who do well during that year are eligible for admission to full degree status. ● From undergraduate programs in fields other than Philosophy: students with some philosophy background but whose degree is in another field are encouraged to apply to the program; typically these students will be considered as “transitional students.” Transitional students will normally be required to complete selected graduate or undergraduate courses, to be specified in writing at the time the student is recommended for admission, in addition to the usual requirements of the MA program. A transitional student is admitted directly into the MA program and is eligible for financial assistance. ● From graduate programs: students who have completed a MA in Philosophy should apply to the Doctor of Philosophy (PhD) program. Students who have completed other advanced degrees in Philosophy or who have already completed work at another PhD program may be given advanced status in the PhD program. 	

How will students currently registered in the program be impacted by these changes?

Prospective students will have a better understanding of what they can expect to be offered if they are outside the typical applicant profile (they might be offered admission to our MA program instead of our PhD program if we believe they require more relevant academic background first).

Department/School approval date (mm/dd/yy): 08/12/2022

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 09/15/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable):

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Program: Doctor of Philosophy (PhD) in Applied Philosophy

Program contact name(s): Chris Lowry

Form completed by: Monika Kitor

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

The proposal is to remove one research area (PHIL 698) and require students to take an additional graduate-only seminar (e.g., PHIL 674), which they would take in Fall or Winter of Year 2. There would be no change in what graduate seminars we offer.

	Current	Proposed
Regular PhD	<ul style="list-style-type: none"> • Pro-seminar • 4 one-term seminars, at least 1 grad-only • 2 research areas 	<ul style="list-style-type: none"> • Pro-seminar • 5 one-term seminars, at least 2 grad-only • Research area
Applied PhD	<ul style="list-style-type: none"> • Pro-seminar • 4 one-term seminars, at least 2 applied, and at least 1 grad-only • Research area • Applied research placement 	<ul style="list-style-type: none"> • Pro-seminar • 5 one-term seminars, at least 2 applied, and at least 2 grad-only • Applied research placement

Is this a [major modification](#) to the program? No

Rationale for change(s):

The changes will bring the program more in line with competitor programs (exp. Western and Queen's only have one research area) that are designed to have PhD students reach ABD (all-but-defense) status around the start of term 6 (May/Spring term of Year 2), allowing more time for dissertation writing within the four years of funding. Removing our Applied Student's research area will increase the amount of time our PhD students have to write their thesis (as they already have their applied research placement to fulfill this research experience).

Proposed effective date: Term: Spring Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Degree requirements</p> <p><input type="checkbox"/> Courses</p> <ul style="list-style-type: none"> • Students must complete the following courses: <ul style="list-style-type: none"> ○ PHIL 680A/PHIL 680B Departmental Graduate Seminar. <ul style="list-style-type: none"> ▪ The seminar is a graduate level survey course intended to acquaint students with a number of topics under active investigation in the philosophical literature in a specific area of philosophy. ○ 4-one-term Philosophy graduate courses (0.50 unit weight per course), at least 2 of which are PHIL 675 or PHIL 676, and at least 4 of which is PHIL 674 or PHIL 676. ○ With the approval of the Graduate Officer, a student may replace one Philosophy graduate course (0.50 unit weight) with a graduate course from another department. ○ 1 research area course: PHIL 698 Research Area Tutorials for PhD. <ul style="list-style-type: none"> ▪ The intention is that the research area will prepare the student to make a research contribution in a particular area of philosophy. ▪ The student selects a Research Area in consultation with the pro tem advisor, and the Area is supervised by a faculty member who is chosen in consultation with the pro tem advisor and approved by the Graduate Officer. While it is possible to do an area in one of the traditional divisions of philosophy (e.g., Metaphysics, Ethics, Logic or History of Philosophy), it will normally be on a more specific topic (e.g., Theories of Meaning and Mental Content, Theories of Human Rights, Theories of 	<p>Degree requirements</p> <p><input type="checkbox"/> Courses</p> <ul style="list-style-type: none"> • Students must complete the following courses: <ul style="list-style-type: none"> ○ PHIL 680A/PHIL 680B Departmental Graduate Seminar. <ul style="list-style-type: none"> ▪ The seminar is a graduate level survey course intended to acquaint students with a number of topics under active investigation in the philosophical literature in a specific area of philosophy. ○ <u>5</u> one-term Philosophy graduate courses (0.50 unit weight per course), at least 2 of which are PHIL 675 or PHIL 676, and at least <u>2</u> of which <u>are</u> PHIL 674 or PHIL 676. ○ With the approval of the Graduate Officer, a student may replace one Philosophy graduate course (0.50 unit weight) with a graduate course from another department/<u>school</u>. ○ 1 applied research placement course: PHIL 699 Applied Research Placement Tutorial. <ul style="list-style-type: none"> ▪ The applied research placement is an eight-month activity during which roughly half of the time is spent doing background research and learning relevant to a particular topic, three or four months are spent in a placement with a host organization confronting a practical problem related to that topic, and one month is spent completing writing and research projects. ▪ The intention is that the <u>applied research placement</u> will prepare the student to make a research contribution in a particular area of philosophy. ▪ The student selects a faculty supervisor for the Applied

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Truth, Plato's Later Dialogues). The faculty member supervising the Area is free to assign readings, require the taking or auditing of relevant courses, assign papers, and so on, and also to determine the basis for assigning the grade. Written work which has been submitted for credit in a course may not be submitted for credit in an Area.</p> <ul style="list-style-type: none"> ○ 1 applied research placement course: PHIL 699 Applied Research Placement Tutorial. <ul style="list-style-type: none"> ▪ The applied research placement is an eight-month activity during which roughly half of the time is spent doing background research and learning relevant to a particular topic, three or four months are spent in a placement with a host organization confronting a practical problem related to that topic, and one month is spent completing writing and research projects. ▪ The intention is that the research area will prepare the student to make a research contribution in a particular area of philosophy. ▪ The student selects a faculty supervisor for the Applied Research Placement in consultation with their pro tem advisor and the Advisor for Applied Philosophy. The Advisor for Applied Philosophy and the supervisor will work with the student to find a suitable applied philosophy research project in the student's area of interest. ▪ The research area and applied research placement must be supervised by two different faculty members. ○ To be admitted to the thesis proposal stage, students must complete these requirements with an average of 83% in 	<p>Research Placement in consultation with their pro tem advisor and the Advisor for Applied Philosophy. The Advisor for Applied Philosophy and the supervisor will work with the student to find a suitable applied philosophy research project in the student's area of interest.</p> <ul style="list-style-type: none"> ▪ <u>The faculty member supervising the Applied Research Placement may assign readings and assign papers, and may also require the taking or auditing of relevant courses if a student requires enhanced foundational knowledge of theory, methods, or topic area. The supervisor will also determine the basis for assigning the grade for the Applied Research Placement. The Applied Research Placement supervisor may, in consultation with the Graduate Officer, choose to have a second faculty member participate in the assessment of any assignment or component. Work which has been submitted for credit in a course may not be submitted for credit in an Applied Research Placement.</u> ○ To be admitted to the thesis proposal stage, students must complete these courses <u>(i.e., seminar, courses, and applied research placement)</u> with an average of 83% <u>and</u> no mark lower than 75%. ○ Students are expected to complete their courses <u>(i.e., seminar, courses, and applied research placement)</u> during the first <u>five terms</u> of their doctoral studies. Students who do not complete this work within <u>five terms</u> may only continue in the program at the Department's discretion. The Department may choose to set a further deadline for the completion of outstanding coursework or the applied research placement on a case-by-case basis. Students who do not meet all such further deadlines <u>may be required to withdraw from the program.</u>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>the seminars, course, research area, and applied research placement, with no mark lower than 75%.</p> <ul style="list-style-type: none"> ○ Students are expected to complete their seminars, course work, research area, and applied research placement during the first two years of their doctoral studies. Students who do not complete this work within two years may only continue in the program at the Department's discretion. The Department may choose to set a further deadline for the completion of outstanding coursework or the research area or the applied research placement on a case-by-case basis. Students who do not meet all such further deadlines must be granted permission by the Department to continue in the program. In a case where the failure to meet progression requirements are solely due to problems in completing the applied research placement that are judged not to be primarily the responsibility of the student, they may be permitted to transfer to the Philosophy PhD program. <p>□ PhD Thesis Proposal</p> <ul style="list-style-type: none"> ● Upon completion of their courses and research areas, students are admitted to the thesis proposal stage. They should then undertake discussions with a member of the Department and invite that person to be supervisor of their doctoral thesis, and should consult with the Graduate Officer concerning the formation of their Thesis Committee. Students will then complete a dissertation prospectus. The project must involve the use of philosophical techniques or concepts to understand actual cases or substantial empirical or interdisciplinary work. The Thesis Committee examines the student about the prospectus as they see fit, though normally in an oral exam. The Committee may pass the proposal; pass it with revisions; or require the student to revise the proposal for re-examination. At the re-examination the Committee may pass the proposal; or they may reject the proposal and require the student to withdraw from the 	<ul style="list-style-type: none"> ○ <u>In</u> a case where the failure to meet progression requirements are solely due to problems in completing the applied research placement that are judged not to be primarily the responsibility of the student, they may be permitted to transfer to the Philosophy PhD program. <p>□ PhD Thesis Proposal</p> <ul style="list-style-type: none"> ● Upon completion of their courses (i.e., <u>seminar, courses, and applied research placement</u>), students are admitted to the thesis proposal stage. They should then undertake discussions with a member of the Department and invite that person to be supervisor of their doctoral thesis, and should consult with the Graduate Officer concerning the formation of their Thesis Committee. Students will then complete a dissertation prospectus. The project must involve the use of philosophical techniques or concepts to understand actual cases or substantial empirical or interdisciplinary work. The Thesis Committee examines the student about the prospectus as they see fit, though normally in an oral exam. The Committee may pass the proposal; pass it with revisions; or require the student to revise the proposal for re-examination. At the re-examination the Committee may pass the proposal; or they may reject the proposal and require the student to withdraw from the program. <p>□ PhD Thesis</p> <ul style="list-style-type: none"> ● Upon successful defence of the dissertation prospectus, students proceed to the thesis stage. The dissertation project may take the form of a traditional monograph, or it may take the form of several scholarly papers on interrelated topics, or it may take the form of scholarly papers together with work of a different type. In the case of the last option, the scholarly work should form the major component of the project, and the final part may take another form: it could be one or several publication(s) for the press (for example, one in-depth article or three op-ed pieces); it could be a policy recommendation; it could be a contribution to industry (for example, part of a corporate ethics code). In

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>program.</p> <p>□ PhD Thesis</p> <ul style="list-style-type: none"> • Upon successful defence of the dissertation prospectus, students proceed to the thesis stage. The dissertation project may take the form of a traditional monograph, or it may take the form of several scholarly papers on interrelated topics, or it may take the form of scholarly papers together with work of a different type. In the case of the last option, the scholarly work should form the major component of the project, and the final part may take another form: it could be one or several publication for the press (for example, one in-depth article or three op-ed pieces); it could be a policy recommendation; it could be a contribution to industry (for example, part of a corporate ethics code). In the latter case, the student may be examined on the entire dissertation project at the defense, but it is expected that most of the questioning and most of the decision will be based on discussion of the scholarly component. The PhD degree is awarded after the project has been successfully defended in a public meeting and the student has submitted the final approved version of their thesis to UWSpace. <p>□ Other requirements</p> <ul style="list-style-type: none"> • Teaching preparation: PhD students will normally complete the Centre for Teaching Excellence (CTE), CTE's Fundamentals of University Teaching, course in their first year. Completion of this course is required before students are eligible to teach courses independently for the Department of Philosophy. The Department recommends that students who intend to pursue a career in university teaching also complete CTE's Certificate in University Teaching during their time in the program. • TCPS 2 Tutorial Course on Research Ethics (CORE): Students will normally complete the CORE human ethics training in their first year. They may be required to complete it before the start of a placement with a host as part of PHIL 699 Applied Research Placement. If a student's placement does not require TCPS 2, the student is required, nonetheless, to 	<p>the latter case, the student may be examined on the entire dissertation project at the defense, but it is expected that most of the questioning and most of the decision will be based on discussion of the scholarly component. The PhD degree is awarded after the project has been successfully defended in a public meeting and the student has submitted the final approved version of their thesis to UWSpace.</p> <p>□ Other requirements</p> <ul style="list-style-type: none"> • Teaching preparation: PhD students will normally complete the Centre for Teaching Excellence (CTE), CTE's Fundamentals of University Teaching, course in their first year. Completion of this course is required before students are eligible to teach courses independently for the Department of Philosophy. The Department recommends that students who intend to pursue a career in university teaching also complete CTE's Certificate in University Teaching during their time in the program. • TCPS 2 Tutorial Course on Research Ethics (CORE): Students will normally complete the CORE human ethics training in their first <u>two terms</u>. They may be required to complete it before the start of a placement with a host as part of PHIL 699 Applied Research Placement. If a student's placement does not require TCPS 2, the student is required, nonetheless, to complete TCPS 2 by the end of their <u>fifth term</u>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
complete TCPS 2 by the end of their second year.	

How will students currently registered in the program be impacted by these changes?

Current students can choose between the current plan or the new proposed plan. There are nine students currently enrolled in this program for Fall 2022.

- Department/School approval date** (mm/dd/yy): 10/07/2022
- Reviewed by GSPA** (for GSPA use only) date (mm/dd/yy): 10/20/22
- Faculty approval date** (mm/dd/yy): 11/15/22
- Senate Graduate & Research Council (SGRC) approval date** (mm/dd/yy):
- Senate approval date** (mm/dd/yy) (if applicable):

Graduate Studies

Program Revision Template



Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

Faculty: Arts

Program: Doctor of Philosophy (PhD) in Philosophy

Program contact name(s): Chris Lowry

Form completed by: Monika Kitor

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

The proposal is to remove one research area (PHIL 698) and require students to take an additional graduate-only seminar (e.g., PHIL 674), which they would take in Fall or Winter of Year 2. There would be no change in what graduate seminars we offer.

	Current	Proposed
Regular PhD	<ul style="list-style-type: none">• Pro-seminar• 4 one-term seminars, at least 1 grad-only• 2 research areas	<ul style="list-style-type: none">• Pro-seminar• 5 one-term seminars, at least 2 grad-only• Research area
Applied PhD	<ul style="list-style-type: none">• Pro-seminar• 4 one-term seminars, at least 2 applied, and at least 1 grad-only• Research area• Applied research placement	<ul style="list-style-type: none">• Pro-seminar• 5 one-term seminars, at least 2 applied, and at least 2 grad-only• Applied research placement

Is this a [major modification](#) to the program? No

Rationale for change(s):

The changes will bring the program more in line with competitor programs (exp. Western and Queen's only have one research area) that are designed to have PhD students reach ABD (all-but-defense) status around the start of term 6 (May/Spring term of Year 2), allowing more time for dissertation writing within the four years of funding. Removing our second research area will increase the amount of time our PhD students have to write their thesis.

Proposed effective date: Term: Spring Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Degree requirements</p> <p><input type="checkbox"/> Courses</p> <ul style="list-style-type: none"> • Students must complete the following courses: <ul style="list-style-type: none"> ○ PHIL 680A/PHIL 680B Departmental Graduate Seminar. <ul style="list-style-type: none"> ▪ The seminar is a graduate level survey course intended to acquaint students with a number of topics under active investigation in the philosophical literature in a specific area of philosophy. ○ 4-one-term Philosophy graduate courses (0.50 unit weight per course), at least 4 of which is a PHIL 674 Graduate Courses. ○ With the approval of the Graduate Officer, a student may replace one Philosophy graduate course (0.50 unit weight) with a graduate course from another department. ○ 2-research areas courses (PHIL 698 Research Area Tutorials for PhD), each supervised by a different member of the Department. <ul style="list-style-type: none"> ▪ The intention is that each research area will prepare the student to make a research contribution in a particular area of philosophy. One of the areas will normally cover the subject in which the student intends to write a dissertation. ▪ The student selects the research areas in consultation with the Graduate Officer, and in each is assigned a faculty member who determines the program in that area. The Department must approve the student's choice of research areas. While it is possible to do an area in one of the traditional 	<p>Degree requirements</p> <p><input type="checkbox"/> Courses</p> <ul style="list-style-type: none"> • Students must complete the following courses: <ul style="list-style-type: none"> ○ PHIL 680A/PHIL 680B Departmental Graduate Seminar. <ul style="list-style-type: none"> ▪ The seminar is a graduate level survey course intended to acquaint students with a number of topics under active investigation in the philosophical literature in a specific area of philosophy. ○ <u>5</u> one-term Philosophy graduate courses (0.50 unit weight per course), at least <u>2</u> of which <u>are</u> PHIL 674 Graduate Courses. ○ With the approval of the Graduate Officer, a student may replace one Philosophy graduate course (0.50 unit weight) with a graduate course from another department. ○ <u>1</u> research area course (PHIL 698 Research Area Tutorials for PhD) <ul style="list-style-type: none"> ▪ The intention is that each research area will prepare the student to make a research contribution in a particular area of philosophy. ▪ The student selects <u>a faculty supervisor for the Research Area</u> in consultation with <u>their pro tem advisor and the Graduate Officer</u>. While it is possible to do an area in one of the traditional divisions of philosophy (e.g., Metaphysics, Ethics, Logic or History of Philosophy), <u>it</u> will normally be on a more specific topic (e.g., Theories of Meaning and Mental Content, Theories of Human Rights, Theories of Truth, Plato's Later Dialogues).

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>divisions of philosophy (e.g., Metaphysics, Ethics, Logic or History of Philosophy), they will normally be on a more specific topic (e.g., Theories of Meaning and Mental Content, Theories of Human Rights, Theories of Truth, Plato's Later Dialogues). Faculty members in charge of areas are free to assign readings, require the taking or auditing of relevant courses, assign papers, and so on, and also examine the student as they see fit—orally, by formal examination, on the basis of papers, etc.</p> <ul style="list-style-type: none"> • To be admitted to the thesis proposal stage, students must complete these requirements with an average of 83% in the seminars, courses and research areas, with no mark lower than 75%. • Students are expected to complete their seminars, course work and research areas during the first two years of their doctoral studies. Students who do not complete this work within two years may only continue in the program at the Department's discretion. The Department may choose to set a further deadline for the completion of outstanding coursework or areas on a case-by-case basis. Again, students who do not meet all such further deadlines may not be given permission to continue in the program. <p>□ PhD Thesis Proposal</p> <ul style="list-style-type: none"> • Upon completion of their courses and research areas, students are admitted to the thesis proposal stage. They should then undertake discussions with a member of the Department and invite that person to be supervisor of their doctoral thesis, and should consult with the Graduate Officer concerning the formation of their Thesis Committee. Students will then complete a dissertation prospectus. The Thesis Committee examines the student about the prospectus as they see fit, though normally in an oral exam. The Committee may pass the proposal; pass it with revisions; require the student to revise the proposal for re-examination. At the re-examination the 	<ul style="list-style-type: none"> ▪ <u>The faculty member supervising a Research Area will determine the program for it, which normally should be designed to be completed by the student in two terms. In determining the assignments for the Research Area, the faculty member may assign readings and assign papers, and may also require the taking or auditing of relevant courses if a student requires enhanced foundational knowledge of theory, methods, or topic area. The faculty member will also determine the basis for assigning the grade for the Research Area. The Research Area supervisor may, in consultation with the Graduate Officer, choose to have a second faculty member participate in the assessment of any assignment or component. Work which has been submitted for credit in a course may not be submitted for credit in a Research Area</u> <ul style="list-style-type: none"> • To be admitted to the thesis proposal stage, students must complete these courses (i.e., seminar, courses, and research area) with an average of 83% and no mark lower than 75%. • Students are expected to complete their courses (i.e., seminar, courses, and research area) during the first <u>five terms</u> of their doctoral studies. Students who do not complete this work within <u>five terms</u> may only continue in the program at the Department's discretion. The Department may choose to set a further deadline for the completion of outstanding coursework or <u>the research</u> area on a case-by-case basis. <u>Students who do not meet all such further deadlines may be required to withdraw from the program.</u> <p>□ PhD Thesis Proposal</p> <ul style="list-style-type: none"> • Upon completion of their courses (i.e., seminar, courses, and research area), students are admitted to the thesis proposal stage. They should then undertake discussions with a member of the Department and invite

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Committee may pass the proposal; or they may reject the proposal and require the student to withdraw from the program.</p>	<p>that person to be supervisor of their doctoral thesis, and should consult with the Graduate Officer concerning the formation of their Thesis Committee. Students will then complete a dissertation prospectus. The Thesis Committee examines the student about the prospectus as they see fit, though normally in an oral exam. The Committee may pass the proposal; pass it with revisions; require the student to revise the proposal for re-examination. At the re-examination the Committee may pass the proposal; or they may reject the proposal and require the student to withdraw from the program.</p>

How will students currently registered in the program be impacted by these changes?

Current students can choose between the current plan or the new proposed plan. There are 13 students currently enrolled in this program for Fall 2022.

Department/School approval date (mm/dd/yy): 10/07/22

Reviewed by GSPA (for GSPA use only) date (mm/dd/yy): 10/20/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable)

November 30, 2022

TO: Kathy Winter, Privacy Officer and Assistant University Secretary,
Senate Graduate and Research Council

FROM: Jeff Casello, Associate Vice-President, Graduate Studies and Postdoctoral Affairs and Marianne Simm, Director, Graduate Studies and Postdoctoral Affairs

RE: Graduate Studies Academic Calendar (GSAC) changes

Item for approval:

Updates to the non-degree graduate student definition.

Description and rationale for proposed changes:

Some suggested changes to the GSAC non-degree graduate student definition are being proposed.

The recommendation is to consider the transfer of any courses taken as a non-degree student to a degree program, on a case-by-case basis, at the time of admission assessment. This would align with the practice at the undergraduate level.

When students apply for non-degree status, they must indicate their course plan and intent for taking these courses. Note, not all programs offer a non-degree status. Students are advised to connect with the program where they wish to take courses to determine the viability of such enrolment.

Consultations:

IAP – it was confirmed that courses taken while enrolled under non-degree status are still submitted under the government claim. The rate would be equivalent to the Master’s level, either 0.42 WGU (part-time Category 6 programs), or 0.60 WGU (part-time Category 7 programs).

Finance – we have confirmed that tuition is charged at the part-time rate. Note, some programs do not have a part-time option/tuition rate, so consultation on availability to enroll as non-degree status is important.

Proposed effective date: Term: Winter Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/general-information-and-regulations/non-degree-students>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Non-degree graduate students</p> <p>Applicants possessing an Honours Bachelor's degree or equivalent who intend to take one or more graduate courses but are not proceeding to a degree or a diploma should apply for non-</p>	<p>Non-degree graduate students</p> <p>Applicants possessing an Honours Bachelor's degree or equivalent who intend to take one or more graduate courses but are not proceeding to a degree or a diploma should apply for non-</p>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>degree admission. Courses taken by non-degree students may not be used for credit toward a degree in a graduate program. Students in this non-degree category who subsequently decide to proceed to a degree will pay fees according to their category at that time. Non-degree students will not normally be granted full-time status.</p>	<p>degree admission. <u>Consult with the department/school offering the intended course(s) to determine if non-degree status is possible. Non-degree admission will be limited to programs that offer part-time status, and fees will be charged at the research/coursework master's rate including any incidental fees. Any requests for full-time enrolment would not normally be granted.</u></p> <p><u>Non-degree graduate students who wish to apply to a graduate degree program must follow the regular admission process and meet program requirements. Admission into a graduate degree program from a non-degree status is not guaranteed.</u></p> <p><u>Students accepted into a graduate degree program will only receive credit for courses taken as a non-degree graduate student on the recommendation of the academic unit offering that graduate degree program and with approval by the Associate Dean (Graduate Studies). As an upper bound, students may transfer no more than one-half the course credits required for the degree. Programs may choose to set a lower limit, at the time of admission, of courses allowed for transfer.</u></p>

GradOps review date: 09/20/22

ARTS GRADUATE STUDIES

November 28, 2022

TO: Members, Senate Graduate and Research Council
FROM: Maha Eid, Graduate Studies and Research Officer
RE: Graduate Affairs Group Reports

The attached Arts Graduate Affairs Group reports were approved by the Arts Faculty Council meeting on November 15, 2022 and are now being submitted for approval by the Senate Graduate and Research Council on December 12, 2022.

Maha Eid

Maha Eid

Attach.

**Arts Faculty Council Report to
Senate Graduate and Research Council**

CURRICULAR ITEMS for approval [bottom right pagination]

A) Economics –

This item is for
consideration on SGRC
Regular Agenda

- a. MA in Econ – Coop Program (Identifying the process for students to enter the Master’s Research Paper study option; updating the course requirements; removing the required sequencing of the courses; and removing the required average that must be maintained for courses) [1-4];
- b. MA in Econ (Deleting the Coursework study option; updating the course requirements; removing the required sequencing of the courses; and removing the required average that must be maintained for courses) [5-8];
- c. MA in Econ – Water – Coop Program (Updating the course requirements; removing the required sequencing of the courses; and removing the required average that must be maintained for courses) [9-11];
- d. MA in Econ – Water (Updating the course requirements; removing the required sequencing of the courses; and removing the required average that must be maintained for courses) [12-14];
- e. PhD in Applied Economics (Updating the course requirements) [15-16];
- f. PhD in Applied Economics – Water (Updating the course requirements) [17-19];
- g. Add new Course ECON 607 – Data Science for Economists, course to give our students technical expertise beyond what we teach them in the class (new mandatory course and will first be offered Fall 2023) [20-21].

B) Psychology –

- a. PhD in Psychology – Removing the GREs as an admission requirement for clinical psychology, developmental psychology and social psychology. Cognitive Psychology, Cognitive Neuroscience, and Industrial/Organization Psychology, however, wish to retain them. The rationale for their elimination versus retention in each research field is based on: (1) an evaluation of the graduate admissions procedures at our peer (and competitor) programs, and (2) faculty perceptions of the utility of the GREs for predicting graduate school success within each research field [22-23];
- b. MA in Psychology - Removing the GREs as an admission requirement for clinical psychology and social psychology. Cognitive Psychology and Cognitive Neuroscience, however, wish to retain them. The rationale for their elimination versus retention in each research field is based on: (1) an evaluation of the graduate admissions procedures at our peer (and competitor) programs, and (2) faculty perceptions of the utility of the GREs for predicting graduate school success within each research field [24-26]

C) Global Governance – Cross list GGOV 635 with SOC 785 [27-28]

D) Sociology and Legal Studies – Cross list SOC 785 with GGOV 635, title and description change [29-31].

Prior to form submission, review the [content revision instructions](#) and information regarding [major/minor modifications](#). For questions about the form submission, contact [Trevor Clews](#), Graduate Studies and Postdoctoral Affairs (GSPA).

This item is for consideration on SGRC Regular Agenda

Faculty: Arts

Programs: Master of Arts (MA) in Economics

Program contact name(s): Phil Curry, Maureen Stafford

Form completed by: Phil Curry

Description of proposed changes:

Note: changes to courses and milestones also require the completion/submission of the [SGRC Graduate Studies Course/Milestone Form](#).

- 1) *Deleting the Coursework study option.*
- 2) *Updating the course requirements.*
- 3) *Removing the required sequencing of the courses.*
- 4) *Removing the required average that must be maintained for courses.*

Is this a [major modification](#) to the program? Yes

Rationale for change(s):

- 1) *We are placing greater emphasis on the MA (Co-op) program. The Regular MA program is now meant for those who are planning on going on to a PhD or for those who were not able to find co-op positions. Since students move between the two programs, we need to keep the progression for the first two terms the same, which would not be enough courses for the Coursework option in the first two semesters in our opinion. Since we do not offer graduate courses in the Spring, this leaves the MRP option as the only way to go.*
- 2) *We have found that our students get good training in data analysis but struggle to collect and manage data, which is often an important component of their co-op positions and careers post-degree. We are removing the second required course in Econometrics and replacing the Research Methodology course with a course designed to address the shortcoming. We are also replacing the Capstone course with an elective. We have also found that students are often unable to handle the workload of 4 courses for the first two terms. Eliminating a course should help them get more out of the courses they take. Finally, the Capstone course was introduced so that students would end their degree on an academic semester as required. Students will now have a final academic semester with more options.*
- 3) *Removing the required course sequencing will provide more flexibility for students which is consistent with the PhD in Economics programs.*
- 4) *The required average is being removed from the GSAC program page since the average is consistent with the published University requirement.*

Proposed effective date:

Term: Spring Year: 2023

Current [Graduate Studies Academic Calendar \(GSAC\)](#) page (include the link to the web page where the changes are to be made):

<https://uwaterloo.ca/graduate-studies-academic-calendar/arts/departement-economics/master-arts-ma-economics>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<p>Program information</p> <ul style="list-style-type: none"> • Admit term(s) <ul style="list-style-type: none"> ○ Fall • Delivery mode <ul style="list-style-type: none"> ○ On-campus • Length of program <ul style="list-style-type: none"> ○ The coursework option can be completed in two terms while the major research paper option requires three terms to complete. • Program type <ul style="list-style-type: none"> ○ Master's ○ Research • Registration option(s) <ul style="list-style-type: none"> ○ Full-time • Study option(s) <ul style="list-style-type: none"> ○ Master's Research Paper ○ Coursework <p>Degree requirements</p> <p>Master's Research Paper option:</p> <ul style="list-style-type: none"> • Graduate Academic Integrity Module (Graduate AIM) • Courses <ul style="list-style-type: none"> ○ Students must complete 8 courses (6 required and 2 elective) in the following sequence: ○ Fall term (year 1) <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 606 Research Methodology 	<p>Program information</p> <ul style="list-style-type: none"> • Admit term(s) <ul style="list-style-type: none"> ○ Fall • Delivery mode <ul style="list-style-type: none"> ○ On-campus • Length of program <ul style="list-style-type: none"> ○ The Master's research paper option requires three terms to complete. • Program type <ul style="list-style-type: none"> ○ Master's ○ Research • Registration option(s) <ul style="list-style-type: none"> ○ Full-time • Study option(s) <ul style="list-style-type: none"> ○ Master's Research Paper <p>Degree requirements</p> <p>Master's Research Paper option:</p> <ul style="list-style-type: none"> • Graduate Academic Integrity Module (Graduate AIM) • Courses <ul style="list-style-type: none"> ○ Students must complete <u>the following 7 graduate level</u> courses (5 required and 2 elective): <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 602 Macroeconomic Theory I ▪ <u>ECON 607 Data Science for Economists</u> ▪ ECON 621 Econometrics I ▪ <u>2 elective courses</u>

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ ECON 621 Econometrics I ▪ 1 elective course ○ Winter term (year 1) <ul style="list-style-type: none"> ▪ ECON 602 Macroeconomic Theory I ▪ ECON 622 Applied Microeconometrics I or ECON 623 Applied Macroeconometrics I ▪ 4 elective course ○ Normally, students must complete all of their required courses in the first two terms. Fall term: ECON 600, ECON 601, ECON 606 and ECON 621. Winter term: ECON 602, and ECON 622 or ECON 623. ○ Students will be required to maintain a cumulative average of 70% at the end of each term. Students who do not meet this average will be required to withdraw. ○ Students are allowed to take 1 elective outside of the Department of Economics, with the approval of the Graduate Advisor. ○ All electives (ECON or otherwise) must be 600, 700, 800 or 900 level graduate courses. ● Master's Research Paper <ul style="list-style-type: none"> ○ A 2 course equivalent requiring an in-depth study of a topic approved by the Department (to be completed in the spring term of year 1). Coursework option: ● Graduate Academic Integrity Module (Graduate AIM) ● Courses <ul style="list-style-type: none"> ○ Students must complete 9 courses (6 required and 3 elective) in the following sequence: ○ Fall term (year 1) <ul style="list-style-type: none"> ▪ ECON 600 Mathematics for Economists ▪ ECON 601 Microeconomic Theory I ▪ ECON 606 Research Methodology 	<ul style="list-style-type: none"> ○ Normally, students must complete all of their required courses in the first two terms. ○ Students are allowed to take 1 elective outside of the Department of Economics, with the approval of the <u>Economics Associate Chair, Graduate Studies.</u> ● Master's Research Paper <ul style="list-style-type: none"> ○ A 2 course equivalent requiring an in-depth study of a topic approved by the Department (to be completed in the spring term of year 1).

Current Graduate Studies Academic Calendar content:	Proposed Graduate Studies Academic Calendar content:
<ul style="list-style-type: none"> ▪ ECON 621 Econometrics I ▪ 1 elective course ○ Winter term (year 1) <ul style="list-style-type: none"> ▪ ECON 602 Macroeconomic Theory I ▪ ECON 622 Applied Microeconometrics I or ECON 623 Applied Macroeconometrics I ▪ 2 elective courses ○ Normally, students must complete all of their required courses in the first two terms. Fall term: ECON 600, ECON 601, ECON 606 and ECON 621. Winter term: ECON 602, and ECON 622 or ECON 623. ○ Students are expected to write a paper with a value of at least 30% in at least 1 of their courses. ○ Students will be required to maintain a cumulative average of 70% at the end of each term. Students who do not meet this average will be required to withdraw. ○ Students are allowed to take 1 elective outside of the Department of Economics, with the approval of the Graduate Advisor. ○ All electives (ECON or otherwise) must be 600, 700, 800 or 900 level graduate courses. 	

How will students currently registered in the program be impacted by these changes?

- 1) *Students currently registered in the Coursework option of the MA will be able to complete it.*
- 2) *Students currently registered in the MA program will complete the program according to the requirements when they entered.*
- 3) *This will not impact students currently registered in the program.*
- 4) *This will not impact students currently registered in the program as the grade requirement being deleted is redundant.*

Department/School approval date (mm/dd/yy): 05/06/22

Reviewed by GSPA (for GSPA use only) **date (mm/dd/yy):** 05/12/22

Faculty approval date (mm/dd/yy): 11/15/22

Senate Graduate & Research Council (SGRC) approval date (mm/dd/yy):

Senate approval date (mm/dd/yy) (if applicable):



MEMORANDUM

TO: Senate Graduate and Research Council

FROM: Andrea Kelman, Acting University Secretary

DATE: 5 December 2022

SUBJECT: Senate Governance Review Recommendations

Senate endorsed the recommendations of the [Senate Governance Review](#) at its meeting on 20 June 2022, and you will be aware the recommendations were broad and will impact many aspects of the work of Senate and Senators.

Each of the Senate Committees and Councils will be working in a coordinated fashion, supported by the Secretariat, to review their terms of reference concurrently, with recommendations being brought forward as they are ready through the two-step Senate review and approval process.

Each Committee/Council will be provided with key documents (e.g., terms of reference) and a series of guiding questions will be provided to encourage strategic discussion, streamline conversations, and create consistency between and amongst recommendations. Selected excerpts from key documents have been included as an appendix A to this memo for ease of reference and in support of the questions provided, however, the complete original documents are hyperlinked as well.

The following guiding questions are provided to encourage strategic conversation and similar conversations between Committees and Councils, however, discussion is not limited to these questions¹. Additionally, the questions may solicit discussion around guiding governance principles for Senate at the University of Waterloo.

Guiding Questions

- How would you describe the current level of engagement within Senate Graduate and Research Council (SGRC)?
- Is the current timing, cadence, and length of meetings appropriate? Could improvements be expected from changing one or more of these elements?
- Does the Council's agenda accurately reflect its mandate? Is the Council appropriately engaged on matters in its mandate? What examples support this (if any)? Are there any changes required to the mandate of the Council?
- Do Council members observe any inappropriate overlap (whether minor or significant) in the mandate, membership, or responsibilities with other Senate Committees and Councils? Are there Councils with similar mandates that could be combined?

¹ SGRC will additionally consider the memos at Appendix B; per recommendation #32 [Senate Governance Review](#)

- Are the Senate-delegated powers of the Council appropriate? Are there any matters/powers that could be delegated from Senate to this Council or from this Council to a subcommittee or other university Committee? Would creation of a subcommittee (e.g., committee to handle curricular submissions on behalf of the Senate Councils) be appropriate to handle routine approvals, and so to liberate time and space to focus on more strategic issues?
- Is the membership composition of the Council appropriate? How could it be changed with tasks delegated to sub-committees or other committees?
- How does this Council communicate with Senate? How might the Council communicate differently with Senate?
- For consideration of proposals with a scope that is cross-campus/interdisciplinary or otherwise does not neatly fall within the remit of a single governance body, could the Council adopt mechanisms (for itself or with other bodies) to provide a more efficient pathway toward approval?

The Secretariat is also exploring implementation of an annual orientation for each of the Senate Committees and Councils. Please provide feedback on those topics you would like covered in an orientation.

Finally, the Secretariat is proposing that all Committees/Councils undertake regular reviews of the respective terms of reference (on a five-year staggered cycle), with monitoring and accountability to Senate (or an appropriate Senate Committee). This cycle ensures regular review without assigning any obligation to amend the terms of reference.

Request:

Committees and Councils of Senate may provide their observations and input through the chair/co-chairs and secretary, for inclusion within the suite of changes under contemplation in the implementation of the Senate Governance Review.

APPENDIX A

Excerpt from the [University of Waterloo Act](#)

POWERS OF THE SENATE

22. The Senate has the power to establish the educational policies of the University and to make recommendations to the Board of Governors with respect to any matter relative to the operation of the University and without restricting the generality of the foregoing, this includes the power,

- (a) to make recommendations to the Board of Governors relative to the creation, establishment, maintenance, modification, or removal of organizational structures such as faculties, schools, institutes, departments or chairs within the University;
- (b) subject to the approval of the Board of Governors, in so far as the expenditure of funds is concerned, to establish, maintain, modify or remove, curricula of all courses of instruction including extension courses;
- (c) to determine policies concerning the qualifications of faculty members within the University with respect to appointments or promotions in rank, or to the granting of tenure, in connection with research or teaching or academic administration;
- (d) to determine standards of admission of students to the University;
- (e) to consider and determine the conduct and results of examinations in all faculties or academic units;
- (f) to hear and determine appeals from the decisions of the faculty councils on applications and examinations by students;
- (g) to confer degrees, diplomas and certificates or other awards in any and all branches of learning and in any subject taught in the University or its federated or affiliated colleges;
- (h) to confer honorary degrees in Divinity, without fees, upon the recommendation of any theological college federated or affiliated with the University;
- (i) to confer honorary degrees in any department of learning;
- (j) to undertake, consider and co-ordinate long-range academic planning;
- (k) to consider and to recommend to the Board of Governors policies concerning the internal allocation or use of University resources;
- (l) to consider and to recommend to the Board of Governors the federation or affiliation of the University with any college for teaching any branch of learning;
- (m) to create councils and committees to exercise its powers;
- (n) to provide, if considered necessary, for an executive committee which shall act in the name and on behalf of the Senate between regular meetings of the Senate; and
- (o) to enact by-laws and regulations for the conduct of its affairs.

Excerpts from [Senate Bylaw 1 – Business and affairs of Senate](#)

4. Committees and councils - agenda and background material to be available

4.01 Notice in writing of each general meeting of any committee or council shall be available at least seven (7) days prior to the date of each such meeting.

4.02 The agenda and available background material for any general meeting of any committee or council shall be available at least seven (7) days prior to the date of each such meeting.

12. Limit on service on committees

12.01 An elected member of Senate shall not serve on more than one of the Executive, Finance or Long Range Planning Committees.

14. Bylaws - general

14.01 The passage of a new bylaw or amendment(s) to an existing bylaw is accomplished in two readings by Senate. At the first reading, such discussion as is deemed appropriate by Senate shall take place. At the second reading, further discussion may take place and the vote on the document shall be taken. The two readings shall take place at different, but not necessarily consecutive, meetings of Senate.

14.02 No proposed bylaw or amendment(s) will be given reading unless it has been bound into or accompanies the agenda portfolio distributed in advance of the meeting.

14.03 Any proposed bylaw or amendment(s) shall include the proposed wording of the bylaw or amendment(s), and where appropriate, a summary of the reasons for such bylaw or amendment(s).

14.04 In order to be approved by Senate, any new bylaw or amendment(s) to bylaws must receive the affirmative vote of at least two-thirds of the members of Senate present and voting at the meeting.

Excerpt from [Senate Bylaw 2 – Committees and councils of Senate](#)

Senate Graduate and Research Council

4.01	<p>There shall be a council of the university, appointed by and responsible to Senate, called the Graduate & Research Council.</p>
4.02	<p>Graduate & Research Council Membership The membership of this council shall consist of the following:</p> <ul style="list-style-type: none">a. <i>Ex Officio</i><ul style="list-style-type: none">i. The president of the university.ii. The vice-president, academic & provost.iii. The vice-president, research and international, who shall co-chair this council.iv. The associate vice-president, graduate studies and postdoctoral affairs, who shall co-chair this council.v. An assistant vice-president, graduate studies and postdoctoral affairs appointed on the recommendation of the associate vice-president, graduate studies and postdoctoral affairsvi. The associate vice-president, interdisciplinary research.vii. The associate vice-president, research oversight and analysisviii. The associate dean for graduate studies from each Facultyix. The associate dean for research from each Facultyx. The director of research ethicsxi. The director, research partnershipsxii. The director, graduate academic servicesxiii. The university librarian or designatexiv. The president of the Graduate Student Association <p>Elected / Appointed</p> <ul style="list-style-type: none">i. One faculty member from the affiliated and federated institutions of Waterloo, who shall serve for a term of two yearsii. One graduate student from each faculty, each of whom shall serve for a term of two years.
4.03	<p>Powers and Duties of the Graduate & Research Council The Graduate & Research Council shall consider all questions relating to the academic quality of graduate studies and research activity within the university and, without intending to restrict the generality of the foregoing, the Graduate & Research Council shall,</p> <ul style="list-style-type: none">a. Make recommendations to Senate with respect to the governance, direction and management of, or any changes in rules, regulations or policies for graduate studies and research in the university.b. Advise the vice-president, academic & provost on all matters relating to graduate studies and research.c. Receive, consider, study and review briefs on any aspect of graduate studies and research from members of the university.d. Make recommendations to Senate with respect to any financial matter pertaining to graduate studies and research.e. Consider, study and review all proposals for new graduate programs, the deletion of graduate programs, major changes to existing graduate programs, arrange for internal appraisals as the council shall see fit, and make recommendations to Senate thereon.f. On behalf of Senate, consider and approve all new graduate courses, the deletion of graduate courses, and proposed minor changes to existing graduate courses and programs, and provide Senate with a brief summary of council's deliberations in this regard. Any matter of controversy that might arise may be referred to Senate.g. Consider, study and review all proposals for new centres and institutes, and the closure of centres and institutes, and make recommendations to Senate thereon.h. On behalf of Senate, consider and approve renewals for centres and institutes, and report such renewals to Senate for information. Any matter of controversy that might arise may be referred to Senate.i. On behalf of Senate, consider and approve all new graduate scholarships and awards. Any matter of controversy that might arise may be referred to Senate.

SENATE REFORM

Establishment of Senate Research Council

Proposed by Associate Deans Research

March 1 2022

Proposal

In response to the call for Senate reform at the University of Waterloo, a revised academic structure to properly and more effectively support both graduate studies and research at the University of Waterloo (UW) is proposed. The revised academic structure is to convert the Senate Graduate and Research Council (SGRC) to its pre-2003 state as two separate councils, namely, the Senate Graduate Council (SGC) and the Senate Research Council (SRC). Creating an SRC will enable the institution to meet its strategic objective of “advancing research for global impact”.

Background

The SGRC is a formal council of Senate established and defined in Senate Bylaw 2 which sets the membership and duties of SGRC. SGRC has the mandate of “considering all questions related to the academic quality of graduate studies and research activity with the university”. In 2003, SGRC was formed by merging the original Senate Research Council (SRC) and original Senate Graduate Council (SGC). The Appendix contains relevant excerpts from Senate indicating reasoning for merging the councils in 2003.

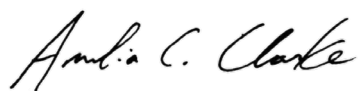
Motivation

1. **New institutional challenges.** There are many new challenges affecting the UW research landscape: security risks, equity/diversity/inclusivity, data management, role of centers/institutes, large-scale research grants of national importance, intellectual property, entrepreneurship, as examples. Academic input and discussion on these topics are essential yet there currently is no academic group on campus that is capable and committed to providing academic input on these topics. A Senate Research Council would satisfy these needs.
2. **Enabling research growth.** Given UW’s growth in faculty complement and corresponding growth in research productivity, infrastructure, and ambitions over the last 20 years coupled with expectations of future impact, an academic mandate and discussion forum for research is required necessitating a Senate Research Council. That there is currently no dedicated forum for academic research discussions is detrimental to UW’s strategic interests.
3. **Research academic representation.** SGRC is skewed with roughly 80% of agenda topics dedicated to graduate studies and 20% dedicated to research. Typical graduate items include academic calendar changes, program reviews, curriculum submissions and graduate awards. Typical research items include ethics committee membership approvals and centre/institute renewals, but do not involve many of the challenges summarized in (1.) above. . Further, Associate Deans Graduate (ADGs) do not have the basis to address research administrative issues while Associate Deans Research (ADRs),

similarly, do not have the basis to address graduate issues. Departments and faculties should have the ability to percolate concerns from grassroots into a functional, academic decision-making pipeline to improve research decision making, utilize lines of communications, provide a voice for the institution, and provide forums for active academic ideas and opinions. None of this exists now and a Senate Research Council will enable such academic necessities.

4. **Motivation for 2003 merger no longer applicable.** Graduate studies, undergraduate studies and research each have different mandates even though there are relationships between these mandates. As such, each of these domains require a separate academic body reporting to Senate. The Senate recorded, when SGRC was created in 2003, that creating SGRC *“is seen as a streamlining effort (the Councils have significant overlap) and a way to integrate even further graduate studies and research activities on campus.”* but this has not been achieved because the “streamlining” has led to the neglect of academic research advocacy, there are no noticeable overlaps, and there is very little (if any) integration of “graduate studies” and “research” via SGRC. The original merger had good intentions, but operationally these are not applicable today and SGRC has been implemented at the expense of not providing a forum for academic research discussions and advancements.
5. **Revised process to support academic research.** Major initiatives and implementations for research should be discussed and refined with the Research Operations Council (ROC). Items that require Senate approval will then move from ROC to the Senate Research Council which would be a broader body of representation (i.e., involving other stakeholders to scrutinize) to support formal academic approval. ROC, comprised of the ADRs and Vice-President Research and International (VPRI) can discuss and process based on positions that are committed to the research mandate on campus before receiving formal approval. Other institutional decisions not requiring formal Senate approval would be sent to Deans Council for ratification and institutional support.
6. **Non-voting status.** If knowledge of committee activities being cross-fertilized between SRC and SGC is desirable, it is recommended that ADGs be non-voting members of SRC and, similarly, ADRs be non-voting members of SGC. This non-voting mechanism (where non-voting positions do not count towards quorum) will allow ADs to either provide feedback to their counterpart AD or attend SRC/SGC meetings in a non-voting capacity to have the opportunity to provide insights from their perspective on issues.

On behalf of all Associate Deans Research, thank you for the consideration of this valuable initiative to benefit the University of Waterloo to improve the research mandate on campus. We are happy to have a discussion to address any feedback on this proposal.



Amelia Clarke – Associate Dean Research, Environment



David Clausi – Associate Dean Research & External Partnerships, Engineering

Ana Ferrer

Ana Ferrer – Associate Dean Research, Arts

A handwritten signature in cursive script, appearing to read 'Anita Layton'.

Anita Layton – Associate Dean Research and International, Math

Richard Staines

Richard Staines – Associate Dean Research, Health

John Thompson

John Thompson – Associate Dean Research (Acting), Science

Appendix

From the minutes of the 24 March 2003 Senate meeting:

“Graduate and Research Councils. *The Vice-president, University Research presented this report to Senate for information (distributed at Senators' places). The possible merger of these two Councils will be brought back to Senate. It is seen as a streamlining effort (the Councils have significant overlap) and a way to integrate even further graduate studies and research activities on campus. A merger will require an amendment to the relevant Senate bylaws (8 and 12). In order to facilitate continued discussions, it is proposed that the April meeting of Senate consider extending the current terms of Council members for two months (to June 30, 2003). Bylaw changes could be introduced at the May and June meetings of Senate.”*

Also, by way of background, SGC and SRC had begun to hold joint meetings beginning on 11 February 2003, from their joint report to Senate 24 March 2003:

“On a trial basis, Senate Graduate and Research Councils are holding joint meetings, co-chaired by the Associate Dean, Graduate Studies (Jim Frank) and the Vice-president, University Research (Paul Guild). The first joint meeting was held on February 11, 2003. Councils forward the following items to Senate, for information...”

First reading of the bylaw changes to join SGC and SRC occurred at the 20 May 2003 meeting. The minutes are incredibly brief:

“Amalgamation of Senate Graduate and Research Councils - Revised Bylaws 8 and 12.

Senate agreed to amalgamate the two Councils and approve the revised Bylaw 8 for first reading.

Waller and Helmes-Hayes. Carried.”

Also see the attached pdf of the open Senate minutes and agenda.

The second reading occurred at the 16 June 2003 meeting of Senate. From the minutes:

“Second Reading of Bylaw Number 8; Appointments to Graduate & Research Council.

Senate agreed to approve Bylaw Number 8 for second and final reading and approved the slate of Faculty, Federated & Affiliated College and graduate student representatives to the Council as presented in the agenda package.

Guild and George. Carried.”

Comments on the current and future function of Senate Graduate and Research Council

The University is undertaking an assessment of its governance structure, with a focus on the University Senate and its associated Councils. Concurrently, conversations have been underway regarding the efficacy of the joint Senate Graduate and Research Council (SGRC). To inform the University's decision-making on its governance bodies, the Associate Vice President Graduate Studies and Postdoctoral Affairs (AVPGSPA) consulted the graduate studies leadership team – the Faculty Associate Deans Graduate Studies (ADGs) and the Assistant Vice Presidents, GSPA – to seek their input on improving the effectiveness of SGRC.

The summary of this consultation is as follows:

- There is an acknowledgement that substantive portions of SGRC meetings are spent on curricular changes which may not be of particular relevance or interest to the Associate Deans Research (ADRs);
- There is also a recognition that the ADRs portfolio tends to focus more on interactions with faculty members than with graduate students;
- Agenda items led by the ADRs – most notably Centre and Institute renewals – are of interest to the ADGs as these research activities are important sources of engagement for graduate students;
- There remains some confusion as to the role of SGRC in reviewing Centres and Institutes in that they come to the Council having been reviewed and approved by the Research Council. Providing clarity on SGRC's role will be helpful;
- There is a perceived common (among ADGs and ADRs) interest in postdoctoral scholars that is not regularly addressed at SGRC;

Generally, the ADGs find value in maintaining a common Graduate and Research Council of Senate, but changes should be considered to improve its efficacy. Suggestions for improvement include:

- Providing greater clarity on the purpose of the curricular reviews such that their consideration can be streamlined. The observation was made that substantial time is spent on presenting what can be considered minor curricular changes – titles and descriptions of courses, program requirements, etc. – that are rarely contentious. If the Council were to develop a new operational model that still met the governance obligations, but expedited the review, more time may be available at SGRC meetings for other considerations.
- Including strategic discussions as part of the SGRC agenda such that there is a balance between the operational strategic functions of SGRC, in keeping with proposed changes at Senate. To this end, motivating the introduction of strategic discussions from all stakeholders – co-chairs, ADGs, ADRs, Students and other members – may increase the value of SGRC meetings and may advance the common goals of the graduate studies and research communities. One avenue to this goal would be to offering more opportunities (or, perhaps, making clearer existing opportunities) for Council members to construct the meeting agendas.

There is interest in continuing this conversation collectively with SGRC membership.