

New Program Proposal

Date Submitted: 07/17/18 10:47 am

Viewing: **TBD-1397 : Graduate Diploma in Economic Policy**

Last edit: 02/06/19 5:32 pm

Last modified by: sandrabauer

Changes proposed by: sandrabauer

In Workflow

1. **ECON ChairDir GR**
2. **PA Dean**
3. **GRAD Dean**
4. **GRAD FCC**
5. **GRAD FBoard**
6. **PRE SCCASP**
7. SCCASP
8. SQAPC
9. Senate
10. CalEditor

Approval Path

1. 03/04/16 4:58 pm
Keir Armstrong
(keirarmstrong): Approved for ECON ChairDir GR
2. 07/17/18 10:31 am
Sandra Bauer
(sandrabauer): Rollback to Initiator
3. 07/17/18 10:46 am
Sandra Bauer
(sandrabauer): Rollback to Initiator
4. 07/23/18 4:39 pm
Lynda Khalaf
(lyndakhalaf): Approved for ECON ChairDir GR
5. 08/30/18 11:32 am
David Mendeloff
(davidmendeloff): Approved for PA Dean
6. 01/17/20 5:34 pm
Sandra Bauer
(sandrabauer): Approved for GRAD Dean
7. 02/05/20 11:38 am
Sandra Bauer
(sandrabauer): Approved for GRAD FCC
8. 02/21/20 3:11 pm
Sandra Bauer
(sandrabauer): Approved for GRAD FBoard

Effective Date	2020-21
Workflow	majormod
Program Code	TBD-1397
Level	Graduate
Faculty	Faculty of Public Affairs
Academic Unit	Department of Economics
Degree	Graduate Diploma
Title	Graduate Diploma in Economic Policy

Program Requirements

Graduate Diploma in Economic Policy

Academic Regulations

See the General Regulations section of this Calendar.

G.Dip. students must normally obtain a grade of B- or higher in each course counted towards the diploma.

Admission Requirements

The minimum requirement for admission to the G.Dip. program is an undergraduate degree with a GPA of 9.0 (out of 12) or higher, preferably with honours, successfully completed university-level introductory (micro- and macro-) economics, calculus, and linear algebra with a grade of C+ or higher in each, and permission of the Department of Economics. The normal requirement for admission is that the undergraduate degree be in economics or equivalent.

Program Requirements

The G.Dip. is designed to be completed in one year. However, as it is understood that most G.Dip. students will be either working for pay or full-time students in another graduate program, they may take the G.Dip. program on either a part-time or full-time basis.

G.Dip. in Economic Policy (2.0 credits)

1. 2.0 credits from:

2.0

ECON 5060 [0.0]

Economic Analysis of Public Policy

ECON 5061 [0.0]

Central Banking: Theory, Practice, and Recent Challenges

ECON 5062 [0.0]

Fiscal Policy in Canada: Practice and Challenges

ECON 5063 [0.0]

Innovation Policy and Economic Growth

ECON 5064 [0.0]

Economic Policy Formulation and Evaluation

ECON 5065 [0.0]

Selected Topics in Economic Policy

Total Credits

2.0

New Resources

No New Resources

Summary

Add new program G.Dip. in Economic Policy.

Rationale

To introduce a graduate diploma program covering a broad topic area within which the Department has long-standing strengths and comprised of a selection of new graduate courses that would be more accessible and policy-oriented than those traditionally offered by the Department. Offerings of these courses would be open to students admissible to graduate studies at Carleton who have at least some formal training in undergraduate economics (à la the PBDE). In addition to being available as a stand-alone program ("Type 3"), the GDip-EconPolicy would be open to students in Carleton graduate degree programs as an add-on credential ("Type 2") with up to 1.0 credit of overlap, depending on whether the relevant degree-program supervisors permit Economic Policy courses to count as electives (which they certainly would in relation to the M.A. Economics program).

Transition/Implementation

Program reviewer comments

sandrabauer (01/23/17 12:04 pm): Activated sum credits
sandrabauer (12/06/17 11:12 am): Pending V1.
sandrabauer (12/06/17 11:29 am): Change year to 19-20 pending GDIP
sandrabauer (07/17/18 10:31 am): Rollback: Resubmitting for 19-20. No action required on your part.
sandrabauer (07/17/18 10:36 am): Tab out regulations sections before publish.
sandrabauer (07/17/18 10:46 am): Rollback: Resubmit to capture new ChairDir in workflow.
sandrabauer (10/25/18 5:17 pm): V1 IP.
sandrabauer (02/06/19 5:29 pm): Changed to 20-21.
sandrabauer (12/12/19 4:09 pm): Bring to Jan P&P
sandrabauer (02/13/20 11:54 am): Keep for 20-21 and aim for a winter launch. Place into calendar as a late update after QC approval.

Key: 1397

New Course Proposal

Date Submitted: 02/13/20 10:45 am

Viewing: **ECON 5060 : Economic Analysis of Public Policy**

Last edit: 02/13/20 4:25 pm

Changes proposed by: **alisondailey**

In Workflow

1. **ECON ChairDir GR**
2. **GRAD FCC**
3. **GRAD FBoard**
4. **PRE SCCASP**
5. **SCCASP**
6. Banner

Approval Path

1. 03/04/16 4:55 pm
Keir Armstrong
(keirarmstrong): Approved for ECON ChairDir GR
2. 07/17/18 10:30 am
Sandra Bauer
(sandrabauer): Rollback to Initiator
3. 07/17/18 10:45 am
Sandra Bauer
(sandrabauer): Rollback to Initiator
4. 07/23/18 4:38 pm
Lynda Khalaf
(lyndakhalaf): Approved for ECON ChairDir GR
5. 10/03/18 4:42 pm
Sandra Bauer
(sandrabauer): Approved for GRAD FCC
6. 10/18/18 3:46 pm
Sandra Bauer
(sandrabauer): Rollback to GRAD FCC for GRAD FBoard
7. 10/23/19 8:51 am
Sarah Cleary
(sarahcleary): Rollback to Initiator
8. 02/13/20 2:59 pm
Sandra Bauer
(sandrabauer): Approved for ECON ChairDir GR
9. 02/13/20 3:02 pm
Sandra Bauer
(sandrabauer): Approved for GRAD FCC

10. 02/19/20 2:09 pm
Sandra Bauer
(sandrabauer): Approved
for GRAD FBoard

11. 02/26/20 2:09 pm
Sarah Cleary
(sarahcleary): Approved
for PRE SCCASP

Effective Date 2020-21

Workflow minormod

New Resources No New Resources

Level Graduate

Course Code ECON

Course Number 5060

Title Economic Analysis of Public Policy

Title (short) Econ Analysis of Public Policy

Faculty Faculty of Public Affairs

Academic Unit Department of Economics

Credit Value 0.50

Significant
Experiential
Learning None

Course Description This course examines how economic theory and empirical analysis are used to design and evaluate public policies.

Prerequisite(s)

Class Format

Precluded Courses

Also listed as

Piggybacked Courses

U Ottawa Code

Grade Mode Standard Letter Grade

Schedule Type Lecture

*May constitute a major modification under Carleton's IQAP. Please consult <https://carleton.ca/viceprovost/major-minor-modifications/> for more details.

Unpaid Placement No

Summary Add new (GDip-EconPolicy) course ECON 5060.

Rationale for new course To create a set of courses in the broad topic area of Economic Policy that would be more accessible than those traditionally offered by the Department and serve as both M.A. Economics program electives and the basis for a new (2.0-credit) graduate diploma in Economic Policy.

Course reviewer comments
sandrabauer (12/06/17 11:27 am): Change year to 19-20 pending GDIP
sandrabauer (07/17/18 10:30 am): Rollback: Resubmitting for 19-20. No action required on your part.
sandrabauer (07/17/18 10:45 am): Rollback: Resubmit to capture new ChairDir in workflow.
sandrabauer (10/18/18 3:46 pm): Rollback: Workflow correction
sarahcleary (10/23/19 8:51 am): Rollback: As requested by FGPA.

Key: 8909
Not an admin

New Course Proposal

Date Submitted: 11/14/19 10:20 am

Viewing: **ECON 5061 : Central Banking: Theory, Practice, and Recent Challenges**

Last edit: 02/13/20 11:08 am

Changes proposed by: [alisondailey](#)

Calendar Pages referencing this course	Economics Economics (ECON)
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In Workflow

1. **ECON ChairDir GR**
2. **GRAD FCC**
3. **GRAD FBoard**
4. **PRE SCCASP**
5. **SCCASP**
6. Banner

Approval Path

1. 03/04/16 4:56 pm
Keir Armstrong
(keirarmstrong): Approved for ECON ChairDir GR
2. 07/17/18 10:31 am
Sandra Bauer
(sandrabauer): Rollback to Initiator
3. 07/17/18 10:46 am
Sandra Bauer
(sandrabauer): Rollback to Initiator
4. 07/23/18 4:38 pm
Lynda Khalaf
(lyndakhalaf): Approved for ECON ChairDir GR
5. 10/03/18 4:42 pm
Sandra Bauer
(sandrabauer): Approved for GRAD FCC
6. 10/18/18 3:47 pm
Sandra Bauer
(sandrabauer): Rollback to GRAD FCC for GRAD FBoard
7. 10/23/19 8:51 am
Sarah Cleary
(sarahcleary): Rollback to Initiator
8. 02/04/20 2:25 pm
Hashmat Khan
(hashmatkhan): Approved for ECON ChairDir GR
9. 02/05/20 11:16 am
Sandra Bauer
(sandrabauer): Approved for GRAD FCC

10. 02/19/20 2:09 pm
Sandra Bauer
(sandrabauer): Approved
for GRAD FBoard
11. 02/26/20 2:09 pm
Sarah Cleary
(sarahcleary): Approved
for PRE SCCASP

Effective Date 2020-21

Workflow minormod

New Resources No New Resources

Level Graduate

Course Code ECON

Course Number 5061

Title Central Banking: Theory, Practice, and Recent Challenges

Title (short) Central Banking Theory

Faculty Faculty of Public Affairs

Academic Unit Department of Economics

Credit Value 0.50

Significant
Experiential
Learning None

Course Description Issues related to the formulation and implementation of monetary policy in Canada and other countries. The theoretical basis for such policy. Ways in which policy makers have addressed practical issues of central-bank policy making over the years.

Prerequisite(s)

Class Format

Precluded Courses

Also listed as

Piggybacked Courses

U Ottawa Code

Grade Mode Standard Letter Grade

Schedule Type Lecture

*May constitute a major modification under Carleton's IQAP. Please consult

<https://carleton.ca/viceprovost/major-minor-modifications/> for more details.

Unpaid Placement

No

Summary

Add new (GDip-EconPolicy) course ECON 5061.

Rationale for new course

To create a set of courses in the broad topic area of Economic Policy that would be more accessible than those traditionally offered by the Department and serve as both M.A. Economics program electives and the basis for a new (2.0-credit) graduate diploma in Economic Policy.

Course reviewer comments

sandrabauer (12/06/17 11:28 am): Change year to 19-20 pending GDIP
sandrabauer (07/17/18 10:31 am): Rollback: Resubmitting for 19-20. No action required on your part.
sandrabauer (07/17/18 10:46 am): Rollback: Resubmit to capture new ChairDir in workflow.
sandrabauer (10/18/18 3:47 pm): Rollback: Workflow correction
sarahcleary (10/23/19 8:51 am): Rollback: As requested by FGPA.
sandrabauer (02/13/20 11:08 am): Changed 'changes' in title to 'challenges' per A.Dammert.

Key: 8910
Not an admin

New Course Proposal

Date Submitted: 02/13/20 10:51 am

Viewing: **ECON 5062 : Fiscal Policy in Canada: Practice and Challenges**

Last edit: 02/13/20 10:51 am

Changes proposed by: **alisondailey**

In Workflow

1. **ECON ChairDir GR**
2. **GRAD FCC**
3. **GRAD FBoard**
4. **PRE SCCASP**
5. **SCCASP**
6. Banner

Approval Path

1. 03/04/16 4:56 pm
Keir Armstrong
(keirarmstrong): Approved for ECON ChairDir GR
2. 07/17/18 10:31 am
Sandra Bauer
(sandrabauer): Rollback to Initiator
3. 07/17/18 10:46 am
Sandra Bauer
(sandrabauer): Rollback to Initiator
4. 07/23/18 4:38 pm
Lynda Khalaf
(lyndakhalaf): Approved for ECON ChairDir GR
5. 10/03/18 4:43 pm
Sandra Bauer
(sandrabauer): Approved for GRAD FCC
6. 10/18/18 3:47 pm
Sandra Bauer
(sandrabauer): Rollback to GRAD FCC for GRAD FBoard
7. 10/23/19 8:51 am
Sarah Cleary
(sarahcleary): Rollback to Initiator
8. 02/13/20 2:59 pm
Sandra Bauer
(sandrabauer): Approved for ECON ChairDir GR
9. 02/13/20 3:02 pm
Sandra Bauer
(sandrabauer): Approved for GRAD FCC

10. 02/19/20 2:09 pm
Sandra Bauer
(sandrabauer): Approved
for GRAD FBoard

11. 02/26/20 2:09 pm
Sarah Cleary
(sarahcleary): Approved
for PRE SCCASP

Effective Date 2020-21

Workflow minormod

New Resources No New Resources

Level Graduate

Course Code ECON

Course Number 5062

Title Fiscal Policy in Canada: Practice and Challenges

Title (short) Fiscal Policy

Faculty Faculty of Public Affairs

Academic Unit Department of Economics

Credit Value 0.50

Significant
Experiential
Learning None

Course Description Formulation and implementation of fiscal policy by the Government of Canada over recent decades. Assessment of the inputs (both analytical and political) into decision-making, the importance of public communications, the role of federal-provincial relations, and the roles of the bureaucracy and Cabinet.

Prerequisite(s)

Class Format

Precluded Courses

Also listed as

Piggybacked Courses

U Ottawa Code

Grade Mode Standard Letter Grade

Schedule Type Lecture

*May constitute a major modification under Carleton's IQAP. Please consult <https://carleton.ca/viceprovost/major-minor-modifications/> for more details.

Unpaid Placement

No

Summary

Add new (GDip-EconPolicy) course ECON 5062.

Rationale for new course

To create a set of courses in the broad topic area of Economic Policy that would be more accessible than those traditionally offered by the Department and serve as both M.A. Economics program electives and the basis for a new (2.0-credit) graduate diploma in Economic Policy.

Course reviewer comments

sandrabauer (12/06/17 11:28 am): Change year to 19-20 pending GDIP
sandrabauer (07/17/18 10:31 am): Rollback: Resubmitting for 19-20. No action required on your part.
sandrabauer (07/17/18 10:46 am): Rollback: Resubmit to capture new ChairDir in workflow.
sandrabauer (10/18/18 3:47 pm): Rollback: Workflow correction
sarahcleary (10/23/19 8:51 am): Rollback: As requested by FGPA.

Key: 8911
Not an admin

New Course Proposal

Date Submitted: 11/14/19 10:22 am

Viewing: **ECON 5063 : Innovation Policy and Economic Growth**

Last edit: 11/14/19 10:22 am

Changes proposed by: **alisondailey**

Calendar Pages referencing this course	Economics Economics (ECON)
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In Workflow

1. **ECON ChairDir GR**
2. **GRAD FCC**
3. **GRAD FBoard**
4. **PRE SCCASP**
5. **SCCASP**
6. Banner

Approval Path

1. 03/04/16 4:56 pm
Keir Armstrong
(keirarmstrong): Approved for ECON ChairDir GR
2. 07/17/18 10:31 am
Sandra Bauer
(sandrabauer): Rollback to Initiator
3. 07/17/18 10:46 am
Sandra Bauer
(sandrabauer): Rollback to Initiator
4. 07/23/18 4:38 pm
Lynda Khalaf
(lyndakhalaf): Approved for ECON ChairDir GR
5. 10/03/18 4:43 pm
Sandra Bauer
(sandrabauer): Approved for GRAD FCC
6. 10/18/18 3:47 pm
Sandra Bauer
(sandrabauer): Rollback to GRAD FCC for GRAD FBoard
7. 10/23/19 8:51 am
Sarah Cleary
(sarahcleary): Rollback to Initiator
8. 02/04/20 2:25 pm
Hashmat Khan
(hashmatkhan): Approved for ECON ChairDir GR
9. 02/05/20 11:16 am
Sandra Bauer
(sandrabauer): Approved for GRAD FCC

10. 02/19/20 2:10 pm
Sandra Bauer
(sandrabauer): Approved
for GRAD FBoard

11. 02/26/20 2:09 pm
Sarah Cleary
(sarahcleary): Approved
for PRE SCCASP

Effective Date 2020-21

Workflow minormod

New Resources No New Resources

Level Graduate

Course Code ECON

Course Number 5063

Title Innovation Policy and Economic Growth

Title (short) Innovation Policy

Faculty Faculty of Public Affairs

Academic Unit Department of Economics

Credit Value 0.50

Significant
Experiential
Learning None

Course Description An overview of the issues facing policy makers in trying to improve the innovative performance of the economy. The links between innovation, productivity, and economic growth. Topics may include private-sector innovation financing and the roles of government laboratories, universities, and intellectual property in promoting innovation.

Prerequisite(s)

Class Format

Precluded Courses

Also listed as

Piggybacked Courses

U Ottawa Code

Grade Mode Standard Letter Grade

Schedule Type Lecture

*May constitute a major modification under Carleton's IQAP. Please consult <https://carleton.ca/viceprovost/major-minor-modifications/> for more details.

Unpaid Placement

No

Summary

Add new (GDip-EconPolicy) course ECON 5063.

Rationale for new course

To create a set of courses in the broad topic area of Economic Policy that would be more accessible than those traditionally offered by the Department and serve as both M.A. Economics program electives and the basis for a new (2.0-credit) graduate diploma in Economic Policy.

Course reviewer comments

sandrabauer (12/06/17 11:28 am): Change year to 19-20 pending GDIP
sandrabauer (07/17/18 10:31 am): Rollback: Resubmitting for 19-20. No action required on your part.
sandrabauer (07/17/18 10:46 am): Rollback: Resubmit to capture new ChairDir in workflow.
sandrabauer (10/18/18 3:47 pm): Rollback: Workflow correction
sarahcleary (10/23/19 8:51 am): Rollback: As requested by FGPA.

Key: 8912
Not an admin

New Course Proposal

Date Submitted: 02/13/20 10:52 am

Viewing: **ECON 5064 : Economic Policy Formulation and Evaluation**

Last edit: 02/13/20 10:52 am

Changes proposed by: **alisondailey**

In Workflow

1. **ECON ChairDir GR**
2. **GRAD FCC**
3. **GRAD FBoard**
4. **PRE SCCASP**
5. **SCCASP**
6. Banner

Approval Path

1. 03/04/16 4:57 pm
Keir Armstrong
(keirarmstrong): Approved for ECON ChairDir GR
2. 07/17/18 10:31 am
Sandra Bauer
(sandrabauer): Rollback to Initiator
3. 07/17/18 10:46 am
Sandra Bauer
(sandrabauer): Rollback to Initiator
4. 07/23/18 4:39 pm
Lynda Khalaf
(lyndakhalaf): Approved for ECON ChairDir GR
5. 10/03/18 4:43 pm
Sandra Bauer
(sandrabauer): Approved for GRAD FCC
6. 10/18/18 3:47 pm
Sandra Bauer
(sandrabauer): Rollback to GRAD FCC for GRAD FBoard
7. 10/23/19 8:52 am
Sarah Cleary
(sarahcleary): Rollback to Initiator
8. 02/13/20 2:59 pm
Sandra Bauer
(sandrabauer): Approved for ECON ChairDir GR
9. 02/13/20 3:02 pm
Sandra Bauer
(sandrabauer): Approved for GRAD FCC

10. 02/19/20 2:10 pm
Sandra Bauer
(sandrabauer): Approved
for GRAD FBoard

11. 02/26/20 2:09 pm
Sarah Cleary
(sarahcleary): Approved
for PRE SCCASP

Effective Date 2020-21

Workflow minormod

New Resources No New Resources

Level Graduate

Course Code ECON

Course Number 5064

Title Economic Policy Formulation and Evaluation

Title (short) Econ Policy Formulation

Faculty Faculty of Public Affairs

Academic Unit Department of Economics

Credit Value 0.50

Significant
Experiential
Learning None

Course Description Formulation of a policy paradigm based in economic theory and application of it to various relevant and current federal, provincial, and municipal policies, including those relating to health, pensions, income inequality, social assistance, division of powers, education, labour, Indigenous peoples, tax expenditures, and the environment.

Prerequisite(s)

Class Format

Precluded Courses

Also listed as

Piggybacked Courses

U Ottawa Code

Grade Mode Standard Letter Grade

Schedule Type Lecture

*May constitute a major modification under Carleton's IQAP. Please consult <https://carleton.ca/viceprovost/major-minor-modifications/> for more details.

Unpaid Placement

No

Summary

Add new (GDip-EconPolicy) course ECON 5064.

Rationale for new course

To create a set of courses in the broad topic area of Economic Policy that would be more accessible than those traditionally offered by the Department and serve as both M.A. Economics program electives and the basis for a new (2.0-credit) graduate diploma in Economic Policy.

Course reviewer comments

sandrabauer (12/06/17 11:28 am): Change year to 19-20 pending GDIP
sandrabauer (07/17/18 10:31 am): Rollback: Resubmitting for 19-20. No action required on your part.
sandrabauer (07/17/18 10:46 am): Rollback: Resubmit to capture new ChairDir in workflow.
sandrabauer (10/18/18 3:47 pm): Rollback: Workflow correction
sarahcleary (10/23/19 8:52 am): Rollback: As requested by FGPA.

Key: 8913
Not an admin

New Course Proposal

Date Submitted: 02/13/20 10:52 am

Viewing: **ECON 5065 : Selected Topics in Economic Policy**

Last edit: 02/13/20 10:52 am

Changes proposed by: **alisondailey**

In Workflow

1. **ECON ChairDir GR**
2. **GRAD FCC**
3. **GRAD FBoard**
4. **PRE SCCASP**
5. **SCCASP**
6. Banner

Approval Path

1. 03/04/16 4:57 pm
Keir Armstrong
(keirarmstrong): Approved for ECON ChairDir GR
2. 07/17/18 10:31 am
Sandra Bauer
(sandrabauer): Rollback to Initiator
3. 07/17/18 10:46 am
Sandra Bauer
(sandrabauer): Rollback to Initiator
4. 07/23/18 4:39 pm
Lynda Khalaf
(lyndakhalaf): Approved for ECON ChairDir GR
5. 10/03/18 4:43 pm
Sandra Bauer
(sandrabauer): Approved for GRAD FCC
6. 10/18/18 3:47 pm
Sandra Bauer
(sandrabauer): Rollback to GRAD FCC for GRAD FBoard
7. 10/23/19 8:52 am
Sarah Cleary
(sarahcleary): Rollback to Initiator
8. 02/13/20 2:59 pm
Sandra Bauer
(sandrabauer): Approved for ECON ChairDir GR
9. 02/13/20 3:03 pm
Sandra Bauer
(sandrabauer): Approved for GRAD FCC

10. 02/19/20 2:10 pm
Sandra Bauer
(sandrabauer): Approved
for GRAD FBoard

11. 02/26/20 2:09 pm
Sarah Cleary
(sarahcleary): Approved
for PRE SCCASP

Effective Date 2020-21

Workflow minormod

New Resources No New Resources

Level Graduate

Course Code ECON

Course Number 5065

Title Selected Topics in Economic Policy

Title (short) Select Topics in Econ Policy

Faculty Faculty of Public Affairs

Academic Unit Department of Economics

Credit Value 0.50

Significant
Experiential
Learning None

Course Description This course provides an overview of selected topics at the forefront of Economic Policy from both a theoretical and empirical perspective. Possible topics include regulation of financial markets, cryptocurrency, competition policy, environmental policy, artificial intelligence and machine learning for public policy, among others.

Prerequisite(s)

Class Format

Precluded Courses

Also listed as

Piggybacked Courses

U Ottawa Code

Grade Mode Standard Letter Grade

Schedule Type Lecture

*May constitute a major modification under Carleton's IQAP. Please consult <https://carleton.ca/viceprovost/major-minor-modifications/> for more details.

Unpaid Placement

No

Summary

Add new (GDip-EconPolicy) course ECON 5065.

Rationale for new course

To create a set of courses in the broad topic area of Economic Policy that would be more accessible than those traditionally offered by the Department and serve as both M.A. Economics program electives and the basis for a new (2.0-credit) graduate diploma in Economic Policy.

Course reviewer comments

sandrabauer (12/06/17 11:29 am): Change year to 19-20 pending GDIP
sandrabauer (07/17/18 10:31 am): Rollback: Resubmitting for 19-20. No action required on your part.
sandrabauer (07/17/18 10:46 am): Rollback: Resubmit to capture new ChairDir in workflow.
sandrabauer (10/18/18 3:47 pm): Rollback: Workflow correction
sarahcleary (10/23/19 8:52 am): Rollback: As requested by FGPA.

Key: 8914
Not an admin



Carleton
UNIVERSITY
Canada's Capital University

Office of the Vice-Provost and
Associate Vice-President (Academic)

Institutional Quality Assurance Process

New Program Approval: Graduate Diploma in Economic Policy

Volume I

December 11, 2019

Approvals Table

This table will record that the brief has been approved by: 1) the team chair on behalf of the team; 2) the head of the academic unit or chair of the program committee (in the case of interdisciplinary programs not administered exclusively by one academic unit) on behalf of the unit or program committee; 3) the Faculty Dean(s).



Review Team Chair: Hashmat Khan 	Date December 11, 2019
Chair/Director: Hashmat Khan 	Date December 11, 2019
Dean(s): André Plourde, Dean Faculty of Public Affairs Patrice Smith, Dean, Faculty of Graduate Studies and Postdoctoral Affairs	Date

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A. The Program

A.1 Program overview

The Department of Economics at Carleton University proposes to establish a Graduate Diploma in Economic Policy. The principal goal is to expose anyone with an undergraduate degree and at least some formal training in undergraduate economics to a wide range of issues related to the formulation of economic policy. It will target non-Economists working on economic policy in government, central banks and other organizations as well as people who already have an undergraduate degree in Economics wishing to take courses that are at the forefront of current economic policy debates. The proposed Type 2 Graduate Diploma in Economic Policy will allow students enrolled in another graduate program to earn a Graduate Diploma in Economic Policy along with their own degree. The proposed Type 3 (direct entry) Graduate Diploma will lead to a stand-alone credential in Economic Policy for professional or academic purposes.

The proposed Graduate Diploma in Economic Policy is a 2.0 credit program. There is one mandatory 0.5 credit course (new):

- ECON 5060 - Economic Analysis of Public Policy

The remaining 1.5 credits would be chosen from the five 0.5 credit courses in the broad topic area of Economic Policy that would be more accessible and policy-oriented than those traditionally offered by the Department of Economics. The first three of these five courses have been offered regularly in recent years as special topics courses:

- ECON 5061 – Central Banking: Theory, Practice, and Recent Challenges
- ECON 5062 – Fiscal Policy in Canada: Practice and Challenges
- ECON 5063 – Innovation Policy and Economic Growth
- ECON 5064 – Economic Policy Formulation and Evaluation
- ECON 5065 – Selected Topics in Economic Policy

Students could take up to 1.0 credits of other elective courses related to economic policy offered outside the Department of Economics, with approval of the MA Supervisor.

This is intended to be a part-time program, with the expectation that most students will enroll in Winter and complete the Graduate Diploma by the end of summer. It is also possible for students to enter the program in any term, since the core ECON 5060 is not a prerequisite for the elective courses. We will ensure that electives are offered in each term in order to accommodate students who wish to enroll in a term other than the Winter, or for those who wish to complete the Diploma over three terms, rather than the typical two.

Economic Policy courses would be open to students admissible to graduate studies at Carleton who have at least some formal training in undergraduate economics, including students from other

graduate programs such as those offered by SPPA, NPSIA, Political Science, Business, Political Management, among other programs.

In addition to being available as a stand-alone program (“Type 3”), the Graduate Diploma in Economic Policy would be open to students in Carleton graduate degree programs as an add-on credential (“Type 2”) with up to 1.0 credit of overlap, depending on whether the relevant degree-program supervisors permit Economic Policy courses to count as electives (which they certainly would in relation to the M.A. Economics program).

Type 3 students who maintain an average of B+ or higher during their studies would be given strong consideration for admission to the Carleton University Master’s (M.A.) program in Economics. Students may count up to 2.0 credits towards the M.A. program in Economics.

Current International, Provincial, and/or Provincial Profile

As far as could be determined, the proposed program would be nationally unique in relation to the discipline of economics. While Master’s programs in Economic Policy exist (for example at the University of Toronto, McMaster University, and the University of Regina), this is to the best of our knowledge the only graduate diploma of its kind offered in Canada. In particular, we could find no direct comparable program offered by any of a number of well-known economics departments at universities in Ontario, the rest of Canada, or other countries. The proposed diploma is different from Master’s programs either in Economics or in Economic Policy because it does not require the student to complete advanced theory courses in Microeconomics, Macroeconomics, and Econometrics, focusing instead on real-world practical challenges related to economic policy development.

Carleton University is a natural home for this kind of Graduate Diploma in Economic Policy given our location in the national capital, strong history of providing public policy graduate programs and our strong connections with the federal government. The Department of Economics at Carleton University has strong connections with various federal government departments. Our Centre for Monetary and Financial economics has been active in building on those linkages and has a number of retired senior government economists affiliated with it.

A.2 Mission and strategic directions

The proposed Graduate Diploma in Economic Policy is well-aligned with Carleton University’s mission and strategic directions. In the Carleton University Strategic Mandate Agreement, as agreed upon by the Ministry of Training, Colleges and Universities confirmed Carleton’s institutional strengths in “Public Policy, Administration, and Governance” and “Business, Entrepreneurship, and Innovation.” The introduction of the diploma program is aligned with the proposed areas for growth as described in the Strategic Mandate Agreement (SMA), which includes “Business, Entrepreneurship, and Governance”. The program would also further the realization of Carleton’s Strategic Integrated Plan, influencing aspects of Programs and Enrolment (Theme 1), Research (Theme 2), and Students (Theme 3).

Carleton University Mission Statement:

Carleton University is an independent, collegial university dedicated to the advancement of learning through disciplinary and interdisciplinary teaching, study and research, the creation and dissemination of knowledge, and the betterment of its community. It is centered in Ottawa and serves the people of Ontario, Canada, and the world.

The Department of Economics at Carleton University is a collegial academic unit dedicated to the advancement of learning through teaching and research, the creation and dissemination of knowledge in the diverse fields within economics, and the betterment of the broader Ottawa-area community through various links (e.g., research collaborations with economists in government departments and agencies). The Carleton Graduate Economics Society holds several events each year that bring people into the University from the outside community. These include talks by non-Carleton economists sponsored by the Institute for Liberal Studies, and an annual “Economics Careers Evening” during which recent Carleton Economics graduates make short presentations on who they are, how they became interested in the study of economics, how they found their first and, in some cases, subsequent jobs, and give advice for soon-to-be graduating students. The proposed diploma is designed principally for postgraduates working on economic policy in government, central banks and other public organizations in Ottawa. The proposed Graduate Diploma in Economic Policy will expose students to current knowledge on issues that are pertinent to the formulation and implementation of economic policy.

Theme 1: *Carleton University will be known nationally and internationally for its research and teaching in programs which respond to the needs of society today and which anticipate the needs of the future.*

The Department of Economics at Carleton University has a long-standing tradition of research strength. The Department is currently ranked 8th among academic Economics departments in Canada.¹ Given the Department’s success at attracting new faculty from top Canadian and U.S. graduate schools and the ability of its faculty to publish in the world’s leading-field and top-30, refereed, scholarly journals,² Carleton University Department of Economics is known nationally and internationally for our research and teaching. The Department of Economics is well positioned to serve the needs for continuous learning for professionals and public servants who seek to strengthen or broaden their knowledge in Economic Policy.

Goal 1-1: *To develop new programs and initiatives that build on academic strengths and respond to societal needs.*

The proposed Graduate Diploma in Economic Policy would be a new program that would build on our academic strength and respond to societal needs. Given a large number of public policy areas

¹ RePEc’s “Top 25% Institutions and Economists in Canada, as of April 2017” (see “Within Country and State Rankings at IDEAS: Canada”) ranked Carleton 8th among university-based Economics department (after excluding Business schools).

² See the faculty CVs of Volume II of the present IQAP and note in particular the high proportion of faculty with Ph.D.’s from very highly ranked institutions.

that have economic aspects, a societal need exists for public sector employees who fully understand the economic implications of different public policy options. In addition, as private sector firms increasingly interact with government departments through government regulation, taxation, and incentive schemes, there is also a pressing need for firms to have employees who can fully understand the implications for their firms' operations of government policies and programs. We fully expect that graduates from the proposed new Diploma in Economic Policy to have improved career prospects within public-sector agencies in general and finance ministries and central banks in particular given the strong applied economic content of the courses and Carleton's geographic location in the national capital.

Goal 1-2: To ensure the sustainability of Carleton University through a long-term enrolment model and effective and efficient management of resources.

The Graduate Diploma in Economic Policy would be of interest as an additional credential to students in various master's programs at Carleton, including those in Economics, SPPA, NPSIA, Political Science, Political Management, and Business by offering Economics courses on topics that are at the forefront of current economic policy debates, such as cryptocurrency and central bank policy, climate change risks and financial stability, labour markets transitions and artificial intelligence-robotics, anti-trust policy and global technology giants (Amazon, Google, Facebook), and the role big data and machine learning for economic policy. It would also be of interest to students in the Post-Baccalaureate Diploma in Economics (PBDE) either in conjunction with their eventual pursuit of masters-level training at Carleton or instead of pursuing such training if they decide it would be too technical or not to their taste. Individuals outside Carleton, especially those without masters-level training in Economics who are working in government, will likely be interested in pursuing the diploma as well.

It is also worth noting that the Department of Economics has seen strong interest in many of the courses to be included under the proposed Diploma. For example, in the 2016 Summer session, three were offered: "Central Banking: Theory, Practice, and Recent Challenges," "Innovation Policy," and "Applied Public Policy" as Sections R, Z, and Y, respectively, of ECON 5880 – Special Topics in Economics. The student numbers were 16, 10 and 16, respectively.

Theme 2: *Carleton University will be known as a university that promotes research excellence and connectedness. It will be recognized as a leader in research that focuses both on tangible outcomes and the development of knowledge with longer-term impacts.*

Goal 2-1: Enhance Carleton University as a highly reputable research-intensive comprehensive university.

The Department of Economics has a long tradition of facilitating interdisciplinary research and teaching. For instance, the MA program offers a Data Science Specialization, Specialization in African Studies, and an MA-MBA in Financial Economics. The Graduate Diploma in Economic Policy will strengthen this by providing courses available to all students at Carleton University who are interested in integrating new skills in Economic Policy into their graduate program of study. These courses will be guided by faculty that are currently involved in crucial research projects aimed at

addressing challenges in the formulation and implementation of Economic Policy.

Theme 3: *Carleton University will be nationally and internationally known for being student centred, linking its academic endeavours and student supports to empower students as productive and engaged citizens in an increasingly diverse world.*

Goal 3-1: *To ensure the employability and future success of our students through experiential learning, engagement, innovative teaching, and holistic support services.*

Experiential learning is a key part of the Graduate Diploma in Economic Policy through the implementation of applied research projects in the core course (Economic Analysis of Public Policy) to connect theory to practice and help students to develop a new set of transferable skills related to the field of Economic Policy.

Goal 3-2: *To have an internationalization strategy that provides our students with a variety of opportunities to be knowledgeable, active citizens in a global community.*

Economics as a discipline is by its very nature global in perspective, relevance, and application. Students in the Graduate Diploma in Economic Policy will gain an understanding and appreciation of the functioning and limitations of markets within a broad, institutional and political context—ranging from the micro to the macro, the local to the global.

A.3 Contributions to/from other academic programs at Carleton

a. Contributions to other programs at Carleton

The Graduate Diploma in Economic Policy will contribute to the M.A. Economics program by providing more policy-intensive elective offerings for students in topics that are at the forefront of the current debate in Economic Policy. The availability of a Type 2 Graduate Diploma could make other Carleton graduate programs more attractive to students with interests in Economic Policy. The Graduate Diploma in Economic Policy would be of interest as an additional credential to students in various master's programs at Carleton, including those in SPPA, NPSIA, Business, Political Science, and Political Management by offering a diversification option. It would also be of interest to students in the Post-Baccalaureate Diploma in Economics (PBDE) either in conjunction with their eventual pursuit of masters-level training at Carleton or instead of pursuing such training if they decide it would be too technical or not to their taste.

b. Contributions from other programs at Carleton

At this stage, the Graduate Diploma in Economics is not a joint program thus there are no expected contributions from other academic programs at Carleton University since all of the courses that can count towards the 2.0 credits required for the Graduate Diploma in Economic Policy are to be offered by the Department of Economics. However, students could take electives in other units, with the approval of the MA Supervisor, which could be counted towards the degree.

B. Program Learning Outcomes and Assessment

B.1. Program learning outcomes and degree level expectations

<i>Table B.1: Learning outcomes and degree level expectations</i>	
Learning Outcomes	Degree Level Expectations Met
A. Critically assess the current economic policy literature to identify gaps in current knowledge	Depth and breadth of knowledge; awareness of the limits of knowledge.
B. Analyze, evaluate, and apply economic theory for the implementation and formulation of Economic Policy	Depth and breadth of knowledge; application of knowledge. Students have the opportunity to apply Economic theory and statistical tools to challenging policy problems.
C. Analyze and evaluate the strengths and weaknesses of economic policies and suggest alternatives.	Application of knowledge; awareness of the limits of knowledge
D. Communicate and discuss economic ideas and research both with Economists and policy analysts trained in fields other than Economics.	Communication skills, autonomy and professional capacity research and scholarship.

B.2. Program structure and curriculum map

B.2.1. Program structure

The proposed Graduate Diploma in Economic Policy, Type 2 (concurrent) and Type 3 (direct entry), is a 2.0 credit program. There is one mandatory 0.5 credit course:

- ECON 5060 - Economic Analysis of Public Policy

The remaining 1.5 credits would be chosen from the five 0.5 credit courses in the broad topic area of Economic Policy:

- ECON 5061 – Central Banking: Theory, Practice, and Recent Challenges
- ECON 5062 – Fiscal Policy in Canada: Practice and Challenges
- ECON 5063 – Innovation Policy and Economic Growth
- ECON 5064 – Economic Policy Formulation and Evaluation
- ECON 5065 – Selected Topics in Economic Policy

Students can take other elective courses related to economic policy offered outside the Department of Economics, with approval of the MA Supervisor.

Typical progression through the program – Type II and Type III Graduate Diploma

	Winter Term	Summer	Fall term
Type 2 Full Time	ECON 5060 GDip elective or approved elective	GDip elective or approved elective GDip elective or approved elective	GDip elective or approved elective (if required)
Type 3 Part-time	ECON 5060 GDip elective	GDip elective GDip elective	GDip elective (if required)

Plans are the Graduate Diploma will only be available on a part-time basis, with students able to take one or two courses per semester. Type 2 students will be able to take this program and complete while maintaining a full-time status in their home unit. The expectation is that most students will enroll in Winter with the intention of completing the Diploma by the end of the summer.

B.2.2. Curriculum map

The tables below relate the different program components to their learning outcomes. In each case, a score of 1 suggests that the learning outcome is slightly addressed, a score of 2 indicates that the learning outcome is addressed but not fully developed, and a score of 3 indicates that the learning outcomes are addressed and fully developed. The first learning outcome is addressed fully in all components of the Graduate Diploma in Economic Policy program since assessing the current literature to identify gaps is key to basically all our courses.

Table B.2: Program curriculum map – Graduate Diploma in Economic Policy

The goal of curriculum mapping is to show where the opportunities to develop the skills and abilities articulated in the learning outcomes are present in the program:
 1 = Learning outcome addressed slightly
 2 = Learning outcomes addressed, but not fully developed
 3 = Learning outcome addressed and developed fully

Program Components		Learning Outcomes				Activities and Artifacts
Course number or Description		Critically assess the current literature to identify gaps in current knowledge	Draw appropriately on microeconomic, macroeconomic, and/or econometric theory and methods to analyze economic models of interaction	Analyze and evaluate the strengths and weaknesses of economic policies and suggest alternatives	Communicate and discuss economic ideas and research both with Economists and policy analysts trained in fields other than Economics	
CORE COURSE *0.5 CR.	ECON 5060 – Economic Analysis of Public Policy	3	2	2	2	Examinations, assignments or term papers.
ELECTIVE COURSES *1.5 CR.	ECON 5061 – Central Banking: Theory, Practice, and Recent Challenges	3	2	2	2	Examinations, assignments or term papers.
	ECON 5062 – Fiscal Policy in Canada: Practice and Challenges	3	2	2	2	Examinations, assignments or term papers.
	ECON 5063 – Innovation Policy and Economic Growth	3	2	2	2	Examinations, assignments or term papers.
	ECON 5064 –Economic Policy Formulation and Evaluation	3	2	2	1	Examinations, assignments, term papers or in-class presentations.
	ECON 5065 – Selected Topics in Economic Policy	3	2	2	1	Examinations, assignments or term papers.

B.3 Program learning outcomes assessment plan

Who:

A Graduate Diploma in Economic Policy Sub-Committee of our Graduate Committee will be created and responsible for overseeing and coordinating the assessment of the learning outcomes. The Graduate Diploma in Economic Policy Sub-Committee will be comprised of three faculty members and chaired by our MA Program Supervisor.

How:

Assessment of the program learning outcomes will be conducted using two forms of evidence: a survey of current students, and direct assessment of the final examinations of the students taking ECON 5060: Economic Analysis of Public Policy (core course).

Student Survey. The student survey will be administered at the end of the Winter term each year to current students nearing completion of their program requirements. This survey will ask students to rate the degree to which they have achieved each learning outcome, as well as ask them to identify the specific program activities (courses, assignments, etc.) that contributed to their achievement. Results will provide information about student achievement of the learning outcomes, as well as information about how specific courses and activities assist in that achievement.

Direct Assessment. As the Graduate Diploma in Economic Policy requires the completion of ECON 5060, the final examination that students in this course must write and submit for grading is an ideal source of evidence for evaluating the achievement of the program learning outcomes at the early stages of the degree.

Dissemination and use of findings:

Results of both lines of assessment will be compiled and analyzed by the members of the Graduate Diploma in Economic Policy Sub-Committee. A final report of the assessments and any recommendations will be distributed by e-mail to all faculty members and will be discussed at a Departmental Meeting once per year.

In future years, this plan may be expanded to include faculty reviews of course objectives and requirements, as well as surveys of recent graduates to track employment and further graduate studies. Development of these lines of assessment will be discussed by the members of the Graduate Diploma in Economic Policy Sub-Committee and at Departmental Meetings over the next few years.

B.4 Program essential requirements

PREAMBLE

Program essential requirements are defined by the Ontario Human Rights Commission as “the knowledge and skills that must be acquired or demonstrated in order for a student to successfully meet the learning objectives of that... program.” The program essential requirements are

components that contribute to the achievement of the learning outcomes of the program.

Excerpt from the Ontario Human Rights Commission report: [The opportunity to succeed: Achieving barrier-free education for students with disabilities - Post-secondary education](#)

Appropriate accommodations should not lead to lowered standards or outcomes: rather, appropriate accommodation will enable the student to successfully meet the essential requirements of the program, with no alteration in standards or outcomes, although the manner in which the student demonstrates mastery, knowledge, and skills may be altered.

The aim of accommodation in a post-secondary educational context is to provide equal opportunities to all students to enjoy the same level of benefits and privileges and meet the requirements for acquiring an education. Based on these principles, an accommodation will be considered appropriate where it will result in equal opportunity to attain the same level of performance, or enjoy the same level of benefits and privileges experienced by others, or if it is proposed or adopted for the purpose of achieving equal opportunity and meets the individual's disability-related needs. - See more at <http://www.ohrc.on.ca/en/opportunity-succeed-achieving-barrier-free-education-students-disabilities>

B.5 Paul Menton Centre

The Paul Menton Centre is responsible for assessing requests for academic accommodation of students with disabilities through evaluations that are carried out on an individual basis, in accordance with human rights legislation and University policy, and with the support of relevant, professional/medical documentation. Students will only receive academic accommodation if the functional limitations of their disability impact directly on their academic performance.

C. Governance

The MA Program Supervisor in the Department of Economics would manage the proposed Graduate Diploma in Economic Policy admission decision process with input from the two other members of the Graduate Diploma in Economic Policy Sub-Committee. The day to day operations of the program would be managed by the MA Program Supervisor with support and advice from the Graduate Administrator. Decisions regarding Graduate Diploma in Economic Policy program changes would be first considered by the Graduate Diploma in Economic Policy Sub-Committee. Changes to the program recommended by this committee would need to receive formal approval from the Department as a whole (through a formal vote) before being considered by the Faculty of Graduate Studies and Postdoctoral Affairs. If approved at that level, then a number of university committees consider the proposed changes with the final decision resting with the Carleton University Senate.

D. The Faculty

D.1 Faculty appointed to the unit or program

The Department of Economics currently has 25.5 core faculty members. Included in that number is Ana C. Dammert who is jointly appointed to the Department of Economics and the Norman Paterson School of International Affairs with 50 percent of her teaching in each of the two units. We also have two other cross-listed faculty members: Jose Galdo and Stan Winer who normally do not teach in the Department of Economics and do 100% of their teaching in the School of Public Policy and Administration. In addition, the Dean of our Faculty, André Plourde, is also a faculty member of our Department but does not normally teach and the Associate Dean (Research and International), Chris Worswick, is also a faculty member of our Department but he is teaching 0.5 credits this academic year (2019-2020).

Table D.1: Core program faculty as of July 1st 2019, Carleton University

Faculty Name	Rank (as of July 1, 2019)	M/F	Appointment Status	Percentage Appointment	Supervision Privileges*	Areas of Specialization/Field Affiliations
Brecher, Richard A.	Full Professor	M	tenured	100%	D	international trade, economic growth
Chen, Zhiqi	Full Professor	M	tenured	100%	D	industrial organization, international trade
Khalaf, Lynda A.	Full Professor	F	tenured	100%	D	econometrics, energy econometrics, financial econometrics
Khan, Hashmat U.	Full Professor	M	tenured	100%	D	macroeconomics, business cycles
Plourde, André R.	Full Professor and Dean of FPA	M	tenured, on secondment to ODFPA	100%—super-numerary	D	energy economics, resource economics
Winer, Stanley L.	Full Professor	M	tenured	0	D	public economics, public choice
Woolley, Frances R.	Full Professor	F	tenured	100%	D	public finance, labour economics
Worswick, Christopher J.	Full Professor and Associate Dean FPA	M	tenured	100%	D	labour economics, applied econometrics, development economics
Yu, Zhihao	Full Professor	M	tenured	100%	D	international trade, political economy
Armstrong, Keir G.	Associate Professor	M	tenured	100%	D	microeconomics, social and economic measurement, index-number theory
Chu, Ba M.	Associate Professor	M	tenured	100%	D	optimal asset allocation, risk management, dependence modelling, asymptotic theory
Coe, Patrick J.	Associate Professor	M	tenured	100%	D	macroeconomics, economic history
Dammert, Ana C.	Associate Professor	F	tenured	50%	D	development economics, labour economics, applied microeconomics
Dehejia, Vivek H.	Associate Professor	M	tenured	100%	D	international trade, international aspects of economic development, international macroeconomics
Demers, Fanny S.	Associate Professor	F	tenured	100%	D	macroeconomics, business cycles, investment theory, asset pricing
Demers, Michel	Associate Professor	M	tenured	100%	D	macroeconomics, investment theory and finance, economic development and growth

Galdo, Jose C.	Associate Professor	M	tenured	0	D	labour economics, micro-econometrics, applied econometrics, development economics
Gross, Till O.	Associate Professor	M	preliminary	100%	D	international macroeconomics, public economics, international trade
Gunn, Christopher M.	Associate Professor	M	tenured	100%	D	macroeconomics, credit and banking, technological change
Metaxoglou, Konstantinos	Associate Professor	M	tenured	100%	D	econometrics, applied industrial organization, empirical finance
Power, Simon	Associate Professor	M	tenured	100%	D	econometrics, history of economic thought, comparative economic systems
Razo-Garcia, Raúl	Associate Professor	M	tenured	100%	D	international macroeconomics, macroeconomics, monetary economics
Stephens, Eric L.G.	Associate Professor	M	tenured	100%	D	financial economics, public economics
Vadovič, Radovan	Associate Professor	M	tenured	100%	D	behavioural and experimental economics
Zhang, Jiankang	Associate Professor	M	tenured	100%	D	microeconomic theory, financial economics, decision theory
Beland, Louis-Philippe	Assistant Professor	M	preliminary	100%	CD	applied microeconomics, public, labour economics
Galizia, Dana	Assistant Professor	M	preliminary	100%	CD	macroeconomics, business cycles
Lee, Minjoon	Assistant Professor	M	preliminary	100%	CD	macroeconomics, household finance, computational economics
Papineau, Maya M.	Assistant Professor	F	preliminary	100%	CD	environmental and energy economics, applied econometrics
Webb, Matthew D.	Assistant Professor	M	preliminary	100%	CD	economics of education, labour economics, applied micro-econometrics

*D=full privileges; M=full privileges at master's level only; CD=co-supervision privileges at doctoral level, full privileges at master's level; CDM=co-supervision privileges only at both doctoral and master's level; CM=co-supervision privileges at master's level, no privileges at doctoral level

D.2 Faculty research funding

Research funding figures of the Department of Economics at **Carleton University** are presented in Table D2. Total research funding has trended downwards since 2008-2009 and this reflects a combination of the greater difficulty in gaining SSHRC large grants (with the restructuring of these grants) and the loss of several senior scholars from our department. We have primarily replaced these senior faculty members with tenure-track faculty members who have not yet developed a sufficient research profile to compete for larger grants. Internal research funding has also declined but this decline is not as pronounced as the decline in Tri-Agency funding. We expect these trends to reverse as our strong group of younger colleagues become more established and begin to compete for larger SSHRC Insight Grants. We have had good success in recent years in the SSHRC Insight Development Grant rounds which is a good sign for future success in terms of the larger SSHRC grants.

Table D.2: Department of Economics, Carleton University Research Funding

Year	Canadian	Internal	International (excluding US)	Tri-Agency (including CRC)	US Sources	Grand Total
2009	6,460.00	44,500.00		416,080.00		467,040.00
2010		19,734.48		395,884.00		415,618.48
2011		18,000.00	358,718.00	362,397.00		739,115.00
2012		17,460.00	341,458.00	306,850.00		665,768.00
2013	4,400.00	7,500.00	455,188.57	278,843.00		745,931.57
2014	19,800.00	30,500.00	390,499.00	405,466.00		846,265.00
2015	1,197,853.00	6,000.00	1,185,009.00	316,735.00	7,128.48	2,712,725.48
2016	48,639.00	27,750.00		322,238.00		398,627.00
2017	8,400.00	12,000.00		264,406.00		284,806.00
2018				275,846.60		275,846.60
Grand Total	1,285,552.00	183,444.48	2,730,872.57	3,344,745.60	7,128.48	7,551,743.13

D.3. Teaching assignments as of July 1, 2019

Faculty Name	Rank	Courses	Credit	2019/ 2020	2018/ 2019	2017/ 2018	2016/ 2017	2015/ 2016	Notes
Brecher, Richard A.	Full Professor	ECON2020A - Interm Microcon I: Prod&Marke	0.5	–	–	–	–	X	*formerly 2002
		ECON2020B - Interm Microcon I: Prod&Marke	0.5	X	X	X	–	–	
		ECON2030A - Interm MicroconII:Consum&Equil	0.5	–	–	–	–	X	*formerly 2003
		ECON2030B - Interm MicroconII:Consum&Equil	0.5	X	X	X	Not offered	–	*formerly 2003
		ECON4601A - Int'l Trade Theory & Policy	0.5	X	X	X	Not offered	X	
		ECON5601F - Int'l Trade: Theory & Policy	0.5	X	X	X	Not offered	X	
		Total Credit Weight:	3.0	2.0	2.0	2.0	0.0	2.0	
Chen, Zhiqi	Full Professor	ECON4020B - Advanced Microeconomic Theory	0.5	–	–	–	X	X	
		ECON4901A - Honours Sem: Microeconomics	0.5	Not offered	Not offered	Not offered	–	X	*As of 2017–2018 no longer offered
		ECON4905 – Honours Capstone Seminar	0.5	–	–	X	Not offered	Not offered	
		ECON5020F - Microeconomic Theory	0.5	–	–	X	X	X	
		ECON5020W - Microeconomic Theory	0.5	X	–	X	–	–	
		ECON5301 - Industrial Organization I	0.5	–	–	–	Not offered	X	
		ECON5304 – Topics in Industrial Organization	0.5	X	Not offered	X	X	Not offered	
		Total Credit Weight:	3.5	1.0	0.0	2.0	1.5	2.0	

Khalaf, Lynda A.	Full Professor	ECON5029W - Methods of Economic Research	0.5	–	–	X	X	X	*Khalaf & Voia
		ECON6027F - Econometrics II	0.5	–	–	X	X	X	
		Total Credit Weight:	1.0	0.0	0.0	1.0	1.0	1.0	
Khan, Hashmat U.	Full Professor	ECON4902A - Honours Sem: Macroeconomics	0.5	Not offered	Not offered	Not offered	X	X	*No longer offered as of 2017.
		ECON 4905B – Honours Capstone	0.5	–	–	X	Not offered	Not offered	
		ECON5021F - Macroeconomic Theory	0.5	–	–	X	X	X	
		ECON5021W - Macroeconomic Theory	0.5	–	–	X	X	X	
		ECON6021W - Economic Theory: Macroeconomics	0.5	–	–	–	–	X	
		ECON6904F - Directed Readings	0.5	–	–	–	X	–	
		ECON6904W - Directed Readings	0.5	–	–	–	X	–	
		ECON6907F - Thesis Workshop I	0.5	–	–	–	X	–	
		ECON6907W - Thesis Workshop I	0.5	–	–	–	X	–	
		ECON6908F - Thesis Workshop II	0.5	–	–	–	X	–	
		ECON6908W - Thesis Workshop II	0.5	–	–	–	X	–	
		Total Credit Weight:	5.0	0.0	0.0	1.5	4.5	2.0	
Plourde, André R.	Full Professor & Dean of FPA								Dean, Faculty of Public Affairs
		Total Credit Weight:	0.0	0.0	0.0	0.0	0.0	0.0	

Winer, Stanley L.	Full Professor	ECON5403 - Topics in the Theory of Public Economics	0.5	–	X	X	X	Not offered	CRC Professor in Public Policy
		Total Credit Weight:	0.5	0.0	0.5	0.5	0.5	0.0	
Woolley, Frances R.	Full Professor	ECON3920A - Honours Sem: Microeconomics	0.5	X	X	–	Not offered	Not offered	
		ECON3920A - Honours Sem: Microeconomics	0.5	–	X	Not offered	Not offered	Not offered	
		ECON4901A - Honours Sem: Microeconomics	0.5	*Not offered	*Not offered	*Not offered	X	–	*As of 2017–2018 no longer offered
		ECON4901B - Honours Sem: Microeconomics	0.5	*Not offered	*Not offered	*Not offered	–	X	*As of 2017–2018 no longer offered
		ECON4905A – Honours Capstone	0.5	X	–	–	*Not offered	*Not offered	*New as of 2017-2018
		ECON4905B – Honours Capstone	0.5	–	X	–	*Not offered	*Not offered	*New as of 2017-2018
		ECON4990A – Research and Writing in Econ	0.5	–	X	–	–	–	
		Total Credit Weight:	3.5	0.5	2.0	0.0	0.5	0.5	
Worswick, Christopher	Full Professor	ECON3920A – Prof. Practice in Economics	0.5	–	–	X	*Not offered	*Not offered	*New as of 2017-2018
		ECON4360A - Labour Economics	0.5	*Not offered	*Not offered	*Not offered	*Not offered	X	*As of 2016–2017 no longer offered.
		ECON4903A - Tutorial in Economics	0.5	–	Not offered	Not offered	–	X	
		ECON4903B - Tutorial in Economics	0.5	–	Not offered	Not offered	–	X	
		ECON4904A - Tutorial in Economics	0.5	–	Not offered	Not offered	–	X	
		ECON4904B - Tutorial in Economics	0.5	–	Not offered	Not offered	–	X	
		ECON5362F - Labour Economics II	0.5	–	X	X	X	X	*Worswick & Webb
		IPAF4900C - Research Experience Course	0.5	–	No Enroll.	No Enroll.	–	–	Chair, Spring 2016 to Spring 2018
		Total Credit Weight:	3.5	0.0	0.5	1.0	0.5	3.0	

Yu, Zhihao	Full Professor	ECON2009A - Managerial Economics	0.5	-	-	X	-	-	
		ECON2009B - Managerial Economics	0.5	-	-	-	-	X	
		ECON2009H - Managerial Economics	0.5	-	-	-	X	-	
		ECON3601A - Introduction to Int'l Trade	0.5	X	X	X	X	X	
		ECON3601B - Introduction to Int'l Trade	0.5	X	-	X	-	X	
		ECON4020A - Advanced Microeconomic Theory	0.5	-	X	-	X	-	
		ECON4905B – Honours Capstone	0.5	X	-	-	*Not offered	*Not offered	*New as of 2017-2018
		ECON4905C – Honours Capstone	0.5	-	X	-	*Not offered	*Not offered	*New as of 2017-2018
		ECON5603W - Topics in Int'l Economics	0.5	X	X	X	X	X	
		Total Credit Weight:	4.5	2.0	2.0	2.0	2.0	2.0	
Armstrong, Keir G.	Associate Professor	FYSM1003A – Intro to Economics	1.0	X	X	X	*Not offered	*Not offered	*New as of 2017-2018
		ECON4020A - Advanced Microeconomic Theory	0.5	X	-	X	-	X	
		ECON4020B - Advanced Microeconomic Theory	0.5	X	X	X	-	-	
		Total Credit Weight:	2.0	2.0	1.5	2.0	0.0	0.5	
Chu, Ba M.	Associate Professor	*ECON2202A - Stat Methods in Econ & Busi II	0.5	-	-	X	-	-	*renamed 2220
		*ECON2202B - Stat Methods in Econ & Busi II	0.5	X	X	-	X	-	
		*ECON2202C - Stat Methods in Econ & Busi II	0.5	Not offered	Not offered	Not offered	Not offered	X	*renamed 2220
		*ECON2202E - Stat Methods in Econ & Busi II	0.5	X	X	X	X	X	*renamed 2220
		*ECON3706A - Applied	0.5	*Not	*Not	X	X	X	*No longer offered

		Econometrics		offered	offered				
		ECON4002A – Stat. Analysis for Economics	0.5	X	X	–	–	–	
		ECON5713 - Time-Series Econometrics	0.5	X	X	X	X	X	
		Total Credit Weight:	3.5	2.0	2.0	2.0	2.0	2.0	
Coe, Patrick	Associate Professor	ECON1000B - Introduction to Economics	1.0	*Not offered	*Not offered	–	X	–	*1000 split into 1001 & 1002 in fall 2018
		ECON1001A - Intro to Microeconomics	0.5	X	X	*Not offered	*Not offered	*Not offered	*Pre Fall 2018 1001 was part of 1000
		ECON1002A - Intro to Macroeconomics	0.5	X	X	*Not offered	*Not offered	*Not offered	*Pre Fall 2018 1001 was part of 1000
		ECON2103C - Intermediate Macroeconomics II	0.5	Not offered	Not offered	Not offered	X	–	
		ECON2103E - Intermediate Macroeconomics II	0.5	–	–	–	X	–	
		ECON3220A - Canadian Economic History	0.5	Not offered	Not offered	X	X	X	
		ECON4230 – Economic History	0.5	Not offered	Not offered	X	X	X	
		ECON5230F - Economic History	0.5	Not offered	Not offered	X	–	–	
		ECON6904F – Directed Readings	0.5	X	No enroll.	–	–	X	
		ECON6904W – Directed Readings	0.5	X	No enroll.	–	–	X	
		ECON6907F – Thesis Workshop I	0.5	X	X	–	–	X	
		ECON6907W – Thesis Workshop I	0.5	X	X	–	–	X	
		ECON6908F – Thesis Workshop II	0.5	X	X	–	–	X	
		ECON6908W – Thesis Workshop II	0.5	X	X	–	–	X	

		Total Credit Weight:	7.5	4.0	3.0	1.5	3.0	4.0	
Dammert, Ana C.	Associate Professor	ECON3508A - Intro to Economic Development	0.5	–	X	–	X	–	
		ECON4507A - The Economics of Development	0.5	–	–	–	X	Not offered	
		ECON5505W – Econ. Development: Int'l Aspects	0.5	X	–	–	–	–	
		ECON5902F – Internship	0.5	X	X	X	–	–	
		ECON5902W – Internship	0.5	X	X	X	–	–	
		ECON5902S - Internship	0.5	X	X	X	–	–	
		Total Credit Weight:	3.0	2.0	2.0	1.5	1.0	0.0	
Dehejia, Vivek H.	Associate Professor	ECON1000B – Intro to Economics	1.0	*Not offered	*Not offered	X	–	–	*Replaced with ECON 1001 & 1002 as of 2018-2019
		ECON1000D – Intro to Economics	0.5	*Not offered	*Not offered	X	–	–	*Taught 0.5 of course. Ayoo taught first ½
		ECON3509W – Dev. Planning & Project Eval.	0.5	Not offered	X	–	–	–	
		ECON3607W – Monetary & Financial Instit.	0.5	Not offered	X	–	–	–	
		ECON4508A - Int'l Aspects of Econ Develop	0.5	–	X	Not offered	X	X	
		ECON5505F - Econ Develop: Int'l Aspects	0.5	–	X	X	X	X	
		Total Credit Weight:	3.5	0.0	2.0	2.0	1.0	1.0	
Demers, Fanny S.	Associate Professor	ECON2102C - Intermediate Macroeconomics I	0.5	Not offered	Not offered	Not offered	X	X	
		ECON2102G - Intermediate Macroeconomics I	0.5	X	–	–	–	–	
		ECON2102G - Intermediate Macroeconomics I	0.5	Not offered	Not offered	X	Not offered	Not offered	
		ECON3050A - Intro to Financial Economics	0.5	X	X	X	X	X	
		ECON3900A – Research Methods	0.5	X	–	X	*Not offered	*Not offered	*New as of 2017-2018

		ECON3900C – Research Methods	0.5	–	X	–	*Not offered	*Not offered	*New as of 2017-2018
		ECON4902B - Honours Sem: Macroeconomics	0.5	*Not offered	*Not offered	*Not offered	X	X	*No longer offered as of 2017
		ECON5051F – Asset Pricing	0.5	–	X	–	–	–	
		ECON5052W - Financial Markets & Instrument	0.5	X	X	X	X	X	
		Total Credit Weight:	4.5	2.0	2.0	2.5	2.0	2.0	
Demers, Michel	Associate Professor	ECON3900B – Research Methods	0.5	X	–	–	*Not offered	*Not offered	*New as of 2017-2018
		ECON3900C – Research Methods	0.5	–	–	X	*Not offered	*Not offered	*New as of 2017-2018
		ECON4001A – Mathematical Analysis in Econ	0.5	X	–	X	X	X	
		ECON4051A – Asset Pricing	0.5	X	–	–	–	–	
		ECON4890A - Applied Honours Seminar	0.5	*Not offered	*Not offered	*Not offered	X	X	*No longer offered as of 2017
		ECON5051F - Asset Pricing	0.5	X	–	X	X	X	
		ECON5058W - Adv. Topics in Financial Econ	0.5	Not offered	Not offered	Not offered	X	X	
		Total Credit Weight:	3.5	2.0	0.0	1.5	2.0	2.0	
Gross, Till O.	Associate Professor	*ECON2020A - Interm Microcon I:Prod&Market	0.5	–	–	–	X	–	*formerly 2002
		*ECON2020B - Interm Microcon I:Prod&Market	0.5	–	–	X	–	–	
		*ECON2020G - Interm Microcon I:Prod&Market	0.5	–	–	X	–	–	
		*ECON2030A - Interm MicroconII:Consum&Equil	0.5	–	X	–	X	–	*formerly 2003
		*ECON2030E - Interm MicroconII:Consum&Equil	0.5	–	–	X	X	X	*formerly 2003
		ECON5020F – Microeconomics	0.5	–	X	–	–	–	
		ECON5020W –	0.5	–	X	–	–	–	

		Microeconomics							
		ECON5402W - Public Economics: Taxation	0.5	–	X	X	X	X	
		Total Credit Weight:	2.0	0.0	2.0	2.0	2.0	1.0	
Gunn, Christopher M.	Associate Professor	ECON2102A - Intermediate Macroeconomics I	0.5	–	–	–	X	X	
		ECON2103A - Intermediate Macroeconomics II	0.5	–	–	–	X	–	
		ECON4021A - Advanced Macroeconomic Theory	0.5	–	X	X	X	X	
		ECON4021B - Advanced Macroeconomic Theory	0.5	–	–	–	–	X	
		ECON4900A – Honors Seminar	0.5	No enroll.	No enroll.	No enroll.	X	–	
		ECON4900C – Honors Seminar	0.5	No enroll.	No enroll.	No enroll.	X	–	
		ECON4903 – Tutorial in Economics	0.5	No enroll.	No enroll.	No enroll.	No enroll.	No enroll.	
		ECON4903 – Tutorial in Economics	0.5	No enroll.	No enroll.	No enroll.	No enroll.	No enroll.	
		ECON5606W - Micro Aspects of Monetary Theory	0.5	X	X	X	X	X	
		Total Credit Weight:	4.5	0.5	1.0	1.0	3.0	2.0	
Metaxoglou, Konstantinos	Associate Professor	ECON2009B - Managerial Economics	0.5	–	X	–	–	–	
		ECON2009G - Managerial Economics	0.5	–	–	X	X	X	
		ECON4301A - Market Structure & Firm Behavior	0.5	Not offered	X	X	X	X	
		ECON4706A - Econometrics I	0.5	–	–	–	–	X	
		ECON4706B - Econometrics I	0.5	–	X	X	X	X	
		ECON5301F W- Industrial	0.5	–	X	X	X	–	

		Organization I							
		Total Credit Weight:	3.0	0.0	2.0	2.0	2.0	2.0	
Power, Simon	Associate Professor	ECON2220A – Introductory Econometrics	0.5	–	X	–	–	–	
		ECON2220B – Introductory Econometrics	0.5	–	–	X	–	–	
		ECON3999 – Co-op Work Term	0.5	*Not offered	*Not offered	*Not offered	X	–	*No longer offered as of 2017-2018
		ECON4004A – Operations Research	0.5	Not offered	X	X	Not offered	Not offered	
		ECON4706A - Econometrics I	0.5	–	X	X	X	–	
		ECON4706B - Econometrics I	0.5	X	–	–	–	–	
		ECON4707A - Econometrics II	0.5	X	X	X	X	Not offered	
		ECON4900 – Honours Seminar	0.5	Not offered	No enroll.	No enroll.	X	X	
		ECON4903A - Tutorial in Economics	0.5	–	Not offered	Not offered	X	–	
		ECON4903B - Tutorial in Economics	0.5	–	Not offered	Not offered	X	–	
		ECON4904A - Tutorial in Economics	0.5	–	Not offered	Not offered	X	–	
		ECON4904B - Tutorial in Economics	0.5	–	Not offered	Not offered	X	–	
		IPAF4900C - Research Experience Course	0.5	–	No enroll.	No enroll.	–	X	
		Total Credit Weight:	6.5	1.0	2.0	2.0	4.0	1.0	
Razo-Garcia, Raúl	Associate Professor	ECON2102B - Intermediate Macroeconomics I	0.5	X	–	–	–	X	
		ECON2102G - Intermediate Macroeconomics I	0.5	–	X	–	X	–	
		ECON3602A - Int'l Monetary Problems	0.5	X	X	–	X	X	

		ECON4602A - Int'l Monetary Theory & Policy	0.5	X	X	–	X	X	
		ECON4880 – Special Topics	0.5	X	*Not offered	*Not offered	*Not offered	*Not offered	*New 2019-2020
		ECON5602W - Int'l Monetary Theory & Policy	0.5	Not offered	X	Not offered	X	X	
		Total Credit Weight:	3.0	2.0	2.0	0.0	2.0	2.0	
Stephens, Eric L.G.	Associate Professor	ECON3001A – Math Methods for Economics	0.5	–	–	X	X	–	*formerly ECON 24000B
		ECON3001B – Math Methods for Economics	0.5	–	–	X	X	X	
		ECON3405A - Public Economics: Taxation	0.5	–	–	X	X	X	
		*ECON5058W - Adv. Topics in Financial Econ	0.5	*Not offered	*Not offered	*Not offered	–	–	*Not offered after 2017
		Total Credit Weight:	2.0	0.0	0.0	1.0	1.5	1.0	
Vadovič, Radovan	Associate Professor	*ECON2020C - Interm Microcon I: Prod&Market	0.5	–	–	–	X	X	*formerly 2002
		*ECON2030C - Interm MicroconII: Consum&Equil	0.5	*Not offered	*Not offered	*Not offered	X	X	*Not offered after 2017
		ECON3900B – Research Methods	0.5	–	X	Not Offered	Not Offered	Not Offered	
		ECON4025A - Game Theory and Economics	0.5	*Not offered	*Not offered	*Not offered	X	X	*Not offered after 2017
		ECON4057A - Behavioural Financial Economi	0.5	X	X	Not offered	X	X	
		ECON6020W – Economic Theory: Micro	0.5	X	–	–	–	–	
		Total Credit Weight:	3.0	1.0	0.5	0.0	2.0	2.0	
Zhang, Jiankang	Associate Professor	ECON2201A - Stat Methods in Econ & Busi I	0.5	–	*X	*X	X	X	*Renamed 2210 in 2017
		ECON2201B - Stat Methods in Econ & Busi I	0.5	–	–	*X	–	–	
		ECON2202A - Stat Methods in Econ & Busi II	0.5	–	–	–	X	X	*Renamed 2220 in 2017

		ECON4001A – Math Analysis for Economics	0.5	–	X	–	–	–	
		ECON4051A - Financial Asset Pricing	0.5	–	X	X	X	X	
		ECON5020GW - Microeconomic Theory	0.5	–	–	–	X	X	
		Total Credit Weight:	3.0	0.0	1.5	1.5	2.0	2.0	
Beland, Louis-Philippe	Assistant Professor	ECON2030A - Interm MicroeconII:Consum&Equil	0.5	X	–	–	–	–	
		ECON2030E - Interm MicroeconII:Consum&Equil	0.5	X	–	–	–	–	
		ECON5262F – Labour Economics II	0.5	X	–	–	–	–	
		Total Credit Weight:	1.5	1.5	0.0	0.0	0.0	0.0	
Galizia, Dana	Assistant Professor	ECON2102B - Intermediate Macroeconomics I	0.5	–	X	–	X	–	
		ECON2102G - Intermediate Macroeconomics I	0.5	–	–	X	–	–	
		ECON2102H - Intermediate Macroeconomics I	0.5	Not offered	Not offered	–	X	–	
		ECON4021A - Advanced Macroeconomic Theory	0.5	X	–	–	–	–	
		ECON4021B - Advanced Macroeconomic Theory	0.5	X	X	X	X	–	
		ECON5020F – Macroeconomic Theory	0.5	X	X	–	–	–	
		ECON5020W – Macroeconomic Theory	0.5	X	X	–	–	–	
		Total Credit Weight:	3.5	2.0	2.0	1.0	1.5	0.0	
Lee, Minjoon	Assistant Professor	ECON2103A - Intermediate Macroeconomics II	0.5	–	X	X	–	–	
		ECON2103B - Intermediate Macroeconomics II	0.5	–	–	–	X	–	
		ECON2103E - Intermediate Macroeconomics II	0.5	X	X	–	X	–	

		ECON5055F – Financial Econometrics	0.5	X	X	X	*Not offered	*Not offered	*New 2017-2018
		ECON6021W - Economic Theory: Macroeconomics	0.5	X	X	X	X	–	
		Total Credit Weight:	2.5	1.5	2.0	1.5	1.5	0.0	
Papineau, Maya M.	Assistant Professor	*ECON2020A - Interm Microcon I:Prod&Market	0.5	X	X	–	–	–	*formerly 2002
		*ECON2020B- Interm Microcon I:Prod&Market	0.5	–	–	–	X	X	
		*ECON2020G - Interm Microcon I:Prod&Market	0.5	–	X	–	X	X	
		ECON3803A - The Econ of Natural Resources	0.5	–	–	–	X	X	
		ECON3804A - Environmental Economics	0.5	X	X	–	X	X	
		ECON5805W – Topics in Enviro. Economics	0.5	X	X	–	–	–	
		Total Credit Weight:	3.0	1.5	2.0	0.0	2.0	2.0	
Webb, Matthew D.	Assistant Professor	*ECON2201C - Stat Methods in Econ & Busi I	0.5	*Not offered	*Not offered	*Not offered	X	X	*renamed 2210 and not offered after 2017
		ECON2201G - Stat Methods in Econ & Busi I	0.5	–	–	–	X	X	*renamed 2210
		ECON4002A - Statistical Analysis in Econ.	0.5	–	–	X	X	X	
		ECON5027F – Econometrics	0.5	X	X	X	–	–	
		ECON5027W – Econometrics	0.5	X	–	X	–	–	
		ECON5262F – Labour Economics II	0.5	–	X	X	–	–	Co-taught with C. Worswick
		Total Credit Weight:	3.0	1.0	1.0	2.0	1.5	1.5	

The normal annual teaching load in the Department of Economics at **Carleton University** is 2.0 credits (which amounts to four one-semester courses). There are reductions in teaching loads in recognition of administrative responsibilities; 1.5 credits for the Departmental Chair, 0.5 credit each for the PhD, MA, Undergraduate, an additional 0.5 credit for the PhD Coordinator if he or she is also Director of the Joint Doctoral program with the University of Ottawa (and OCGSE Coordinator), and an additional 0.5 credit for the MA Program Supervisor to reflect the additional duties associated with managing the Post-Baccalaureate Diploma (PBD) Program in Economics. Teaching at the graduate level is normally allocated to faculty with active research programs, especially those who have recently completed their graduate training.

D.4 Contribution of faculty from other Carleton units and programs

The Graduate Diploma in Economic Policy is to be entirely conducted by the Department of Economics. Consequently, we do not require support from other Carleton units and programs.

D.5 Contract instructors

Normally all required and elective courses taught at Carleton University that support both the joint Doctoral program and the MA program are taught by regular faculty members rather than Contract Instructors (CIs). However, in recent years, summer graduate offerings have been taught by CIs in situations where the instructor has specific work experience providing them with the unique knowledge that can be passed on to our graduate students through these offerings. For example, the former Chief Statistician for Canada, Dr. Munir Sheikh, has taught a number of courses for us as have Dr. Charles Freedman, Dr. David Longworth and Dr. Paul Jenkins who are all former Deputy Governors of the Bank of Canada. The proposed Graduate Diploma in Economic Policy would build on these courses providing our graduate students with a credential should they complete the required set of courses. The category of CIs consists of distinguished researchers, economists and analysts, doctoral candidates, recent doctoral graduates, and retired faculty. The following CIs have taught at the graduate level in the past four years:

Dr. Derek Olmstead (Carleton) has been teaching ECON 4995 Review of Mathematical and Statistical Methods of Economics (the preparatory course for new MA students).

Dr. Charles Freedman (MIT), Paul Jenkins (M.Sc. from LSE), Dr. David Longworth (MIT), Dr. J.D. Murray (Princeton) have been teaching ECON 5880 Special Topics in Economics (with a focus on Central Banking).

Dr. C.S. Clark (UC Berkeley) and Peter DeVries (MA from McMaster) have also been teaching a version of ECON 5880 Special Topics in Economics.

Dr. Rashid Nikzad (Senior Economist, Research Branch, Copyright Board of Canada and Ph.D. from University of Ottawa) has also taught ECON 5880 Special Topics in Economics

Dr. Munir A. Sheikh (Western and former Chief Statistician) has also taught a version of ECON 5880.

Dr. Ram Sahi (Manitoba) has also taught ECON 5880 Special Topics in Economics (with a focus on Analysis of Contemporary Sustainable Energy Issues).

E. Program Admission and Enrolment

E.1 Admissions requirements

The MA Admissions Committee at Carleton University would be tasked with reviewing the applications for the Graduate Diploma in Economic Policy. The committee has three faculty members, one of whom is the MA Supervisor who serves as chair of the committee. The applications would be reviewed with the focus being on the applicant’s capacity to successfully complete the Graduate Diploma in Economic Policy program. A candidate would normally be accepted if s/he has an overall average of B+ or higher over the most recent two years of study, with demonstrated fluency in English, successfully completed university-level introductory (micro- and macro-) economics, with a grade of C+ or higher in each, and permission of the Department of Economics. It is highly recommended that applicants have successfully completed university-level calculus and linear algebra.

E.2 Class sizes and course and program capacity

Currently, there are 69 students in the MA program, which represent a student-faculty ratio of 2.6 (2018-2019). This figure is very close to the university level and is around half that of the Faculty level. It is worth noting that the Faculty of Public Affairs at Carleton University contains two medium size units (in terms of the number of faculty members) -- the Norman Paterson School of International Affairs (NPSIA) and the School of Public Policy and Administration (SPPA) -- that primarily teach graduate students. The presence of these two academic units in FPA has a large influence on the faculty level student/faculty numbers.

E.3 Projected enrolment

We estimate the following student intake in the Graduate Diploma in Economic Policy:

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Students						
New Students -GDIP Type III	4	5	5	6	6	6
Returning Students - GDIP Type III						
Total Students - GDIP Type III	4	5	5	6	6	6
New Students -GDIP Type II	1	1	1	2	2	2
Returning Students - GDIP Type II						
Total Students - GDIP Type II	1	1	1	2	2	2

Based on informal conversations with alumni and our current enrollment in the Graduate Diploma in Economics, we expect that there will be 4 Graduate Diploma in Economic Policy students in year 1, 5 Graduate Diploma in Economic Policy students in years 2 and 3, and 6 Graduate Diploma in Economic Policy students in later years suggesting class sizes will be roughly 6 from year four onwards. Over the past 3 years, enrollment in our current Post-Baccalaureate in Economics has been on average 6 students and we predict that the demand for the Graduate Diploma in Economic Policy will be the same.

Our business model is based on 6 students from year 4 onward and this would still allow students in other programs to be able to take any given course as an elective (e.g. one of our MA students not completing the Graduate Diploma in Economic Policy might take one of these courses as an elective for their MA program). Graduate Diploma in Economic Policy students will have enrollment priority in the core course and designated electives.

F. Student Experience and Satisfaction

F.1 Student orientation, advising, and mentoring

The MA Supervisor will facilitate the orientation, advising and mentoring role of students in the Graduate Diploma in Economic Policy. As it is done with students in the MA program, students in the Graduate Diploma in Economic Policy will be invited to the Orientation/Welcome session for all new graduate students and the BBQ hosted by the Economics Department in the first full week of classes in September. Moreover, on the Department website, we will have an FAQ page for Prospective Students, an FAQ page for current Students, and a Handbook for Graduate Diploma students that will be updated yearly. The Handbook will provide detailed information about program requirements and course selection, contact information, registration, dates, and deadlines.

F.2 Career paths of graduates

The Graduate Diploma in Economic Policy would be of interest as an additional credential to students in various master's programs at Carleton and individuals outside Carleton, especially those without masters-level training in Economics who are working in government. We fully expect that graduates from the proposed new Diploma in Economic Policy to have improved career prospects within public-sector agencies in general and finance ministries and central banks in particular given the strong applied economic content of the courses and Carleton's geographic location in the national capital.

Those who complete Master's degrees in other areas or stop their studies after the Graduate Diploma in Economic Policy without further graduate work are likely to work in the public or private sectors applying the analytical skills and knowledge developed in our proposed program. Some may return later to graduate work in economics completing a Master's degree and possibly a Ph.D.

Educational Opportunities	Public Sector Employment Opportunities	Private Sector Employment Opportunities	Non-Profit Organizations
MA in Economics (GDip Type 3); Ph.D. in Economics (GDip Type 2); Master of Public Administration (GDip Type 3)	Federal Government such as ESDC, Ministry of Finance, Statistics Canada.	Consulting firms	NGOs

G. Resources

Over the last few years, the Faculty of Public Affairs has provided financial support in the form of funding for contract instructors to teach a number of courses included in this proposed Graduate Diploma as a means of assessing demand for such courses (and, indirectly, for the proposed Graduate Diploma). To date, these courses have been offered in the summer and enrolments have been stronger than expected (exceeding 25 for some offerings). The Department’s MA Supervisor will administer the program with the support of the Graduate Administrator. The Faculty of Public Affairs and the Department of Economics will work in conjunction with the Faculty of Graduate and Postdoctoral Affairs to ensure that the proposed program is appropriately advertised.

The proposed Graduate Diploma entails the creation of a new core course in Economic Policy, ECON 5060, to be taught by a regular faculty member, and the addition of one new elective course (three are currently offered as Special Topics courses), to be taught by a contract instructor.

In order to implement the Graduate Diploma in Economic Policy, the Department of Economics will require an additional 1.0 FTE in contract instruction: 0.5 to replace a course of a regular faculty member who will teach ECON 5060, and 0.5 to offer an additional elective in Economic Policy. Upon approval, the Dean of the Faculty of Public Affairs has agreed to provide additional CI resources sufficient to offer the program.

G.1 Support and technical staff

Our current administrative staff complement is sufficient to support the new Graduate Diploma in Economic Policy. The Department has an efficient administrative team that works effectively together to deliver all aspects of the graduate programs. The Graduate Administrator provides guidance and support for the Department’s graduate programs, including the advising of in-program and prospective graduate students. This position would manage the application and admission processes, registrations, and graduations for the proposed Graduate Diploma in Economic Policy. The Administrative Assistant to the Department assists as necessary in the execution of routine

graduate program administration. The Faculty of Public Affairs shares two technical staff members who are extremely responsive and obliging to our specific technical requirements ensuring the graduate student computer labs have the software required to support our programs. There is a generally collaborative relationship with the Faculty of Graduate and Postdoctoral Affairs.

G.2 Space

There are roughly 50 MA students who have use of the two adjacent and physically connected rooms (C866 and C865 Loeb). The total space is roughly 550 square feet. It contains 12 study carrels, a medium sized table which comfortably sits 8 students, a white board and a lounge area with four lounge chairs. The MA students seem pleased with the new space. We expect that the GDip Econ-Policy students would use this space with the MA students. We do not foresee an issue related to the dedicated space to the Graduate Diploma in Economic Policy students as they will not require the same space as those students with TAs. All students in the Graduate Diploma in Economic Policy will have access to computer resources in the Department of Economics and at the University.

G.3. Library Resources

The Report from the Library is included in **Appendix 4** of the self-study.

PREAMBLE

The Library report is prepared by the librarian or subject specialist responsible for the subject area(s) covered by the program, using a common template developed from guidelines established by the Ontario Council of University Libraries. The main purpose of the report is to specify whether any new resources or services are necessary in order to support the program, for example, whether the Library needs to purchase new books or subscribe to new journals or electronic resources. The librarians and subject specialists preparing the reports rely on their own professional experience with collecting resources in the subject areas in order to make assessments about whether there are gaps in the collection that need to be filled in order to provide the appropriate teaching and research support for new, modified, or reviewed programs. They consult various sources for information about published resources in the subject area, including the database maintained by the Library's main monographs vendor, publishers' lists and websites, handbooks and guides to the literature, the library collections of universities that offer the program, various specialized sites relevant to the subject from professional societies and organizations, as well as basic information available in tools such as Google Scholar or generally on the web. They also generally consult faculty members (e.g., the Library representative or the department chair) to discuss their assessment of the strengths and gaps. The Library makes a clear distinction between those resources which are essential to the program and those which are simply "nice to have." Generally speaking, the reports list only the essential resources, with costing obtained from the vendors or agents from which the Library would obtain the materials: each item is listed and costed individually, and the total amount is recorded in the report.

The report also provides context by providing information about the following, when possible or

applicable: percentage of top-ranked journals which the Library subscribes to in the subject area(s); how much funds have been spent in the past fiscal year on e-resources, journals, and printed books in support of the subjects covered by the program; how much funds have been spent in the past 8 years on printed monographs for the program; specialized collections in archives, maps, data, and government information; instruction, teaching, and practicums carried out by Library staff in the classroom or in the Library; highlights from the Library website (e.g., links for subject and course guides and to online tutorials); research partnerships between the Library and the department or program; research consultations; help desk visits; and selected detailed statistical information about the Library.

H. Development of the Self-Study

Hashmat Khan	Chair of the Department of Economics since July 1, 2019
Ana C. Dammert	MA Program Supervisor since July 1, 2017
Lynda Khalaf	Chair of the Department of Economics July 1, 2018, to June 30, 2019
Christopher Worswick	Chair of the Department of Economics from July 1, 2016, to June 30, 2018
Nick Rowe	MA Program Supervisor from July 1, 2015, to June 30, 2017
Patrick Coe	Director of the Joint Doctoral Program from July 2013 to June 30 th , 2016, and past MA Program Supervisor
Keir Armstrong	Chair of the Department of Economics from July 1, 2007, to June 30, 2016

In addition, Alison Dailey (Graduate Administrator), Renee Lortie (interim Administrative Assistant to the Chair), Marge Brooks (past Graduate Administrator), Sabrina Robineau (Administrative Assistant to the Chair), and Dawn Bjornson (Department Administrator) all made important contributions to the development of the report.

We also appreciate the support from members of the Carleton University Office of Quality Assurance, specifically, Vice Provost and Associate Vice-President (Academic), and Andrea Thompson. We would also like to thank the former Dean of Graduate and Post-Doctoral Affairs, Dr. Matthias Neufang; the Dean of the Faculty of Public Affairs, Dr. André Plourde; former Associate Dean (Academic) Dr. Hugh Shewell; the Associate Dean (Programs) Dr. James Opp; the Associate Dean (Academic) Dr. David Mendeloff; Leslie MacDonald Hicks, and Sandra Bauer of Graduate and Post-Doctoral Affairs for their support throughout this process.

APPENDIX 1: PROGRAM REQUIREMENTS (PROPOSED CALENDAR COPY)

Program Requirements

The Graduate Diploma in Economic Policy is designed to be completed in one year. However, as it is understood that most Graduate Diploma in Economic Policy students will be either working for pay or full-time students in another graduate program, they may take the Graduate Diploma in Economic Policy program on either a part-time or full-time basis.

Graduate Diploma in Economic Policy (2.0 credits)

1. Required course - 0.5 credit in:	0.5
ECON 5060 [0.0] Economic Analysis of Public Policy	
2. Elective courses - 1.5 credits from:	1.5
ECON 5061 [0.0] Central Banking: Theory, Practice, and Recent Challenges	
ECON 5062 [0.0] Fiscal Policy in Canada: Practice and Challenges	
ECON 5063 [0.0] Innovation Policy and Economic Growth	
ECON 5064 [0.0] Economic Policy Formulation and Evaluation	
ECON 5065 [0.0] Selected Topics in Economic Policy	
Total Credits	2.0

Students can take up to 1.0 credits of other elective courses related to economic policy offered outside the Department of Economics, with approval of the MA Supervisor.

Academic Regulations

See the General Regulations section of this Calendar.

Graduate Diploma in Economic Policy students must normally obtain a grade of B- or higher in each course counted towards the diploma.

APPENDIX 2: COURSE DESCRIPTIONS (PROPOSED CALENDAR COPY)

ECON 5060 [0.5 credit]

Economic Analysis of Public Policy

This course examines how economic theory and empirical analysis are used to design and evaluate public policies.

ECON 5061 [0.5 credit]

Central Banking: Theory, Practice, and Recent Changes

Issues related to the formulation and implementation of monetary policy in Canada and other countries. The theoretical basis for such policies. Ways in which policy makers have addressed practical issues of central-bank policy making over the years.

ECON 5062 [0.5 credit]

Fiscal Policy in Canada: Practice and Challenges

Formulation and implementation of fiscal policy by the Government of Canada over recent decades. Assessment of the inputs (both analytical and political) into decision-making, the importance of public communications, the role of federal-provincial relations, and the roles of the bureaucracy and Cabinet.

ECON 5063 [0.5 credit]

Innovation Policy and Economic Growth

An overview of the issues facing policy makers in trying to improve the innovative performance of the economy. The links between innovation, productivity, and economic growth. Topics may include private-sector innovation financing and the roles of government laboratories, universities, and intellectual property in promoting innovation.

ECON 5064 [0.5 credit]

Economic Policy Formulation and Evaluation

Formulation of a policy paradigm based in economic theory and application of it to various relevant and current federal, provincial, and municipal policies, including those relating to health, pensions, income inequality, social assistance, division of powers, education, labour, Indigenous peoples, tax expenditures, and the environment.

ECON 5065 [0.5 credit]

Selected Topics in Economic Policy

This course provides an overview of selected topics at the forefront of Economic Policy from both a theoretical and empirical perspective. Possible topics include regulation of financial markets, cryptocurrency, competition policy, environmental policy, artificial intelligence and machine learning for public policy, among others.

APPENDIX 3: ADMISSION REQUIREMENTS (PROPOSED CALENDAR COPY)

Admission Requirements

The minimum requirement for admission to the Graduate Diploma in Economic Policy program is an undergraduate degree with a GPA of 9.0 (out of 12) or higher, successfully completed university-level introductory (micro- and macro-) economics with a grade of C+ or higher in each, and permission of the Department of Economics. It is highly recommended that applicants have successfully completed university-level calculus and linear algebra.

APPENDIX 4: LIBRARY REPORT



Institutional Quality Assurance Process

New Program Not Requiring a Library Report

Date: June 26, 2018

From: Trish O’Flaherty- Research Support Services

To: Sandra Bauer, Program Officer, Faculty of Graduate and Postdoctoral Affairs

cc Wayne Jones, University Librarian
George Duimovich, Associate University Librarian (Collections and Technology)
David Sharp, Head, Collection Development and Acquisitions
Laura Newton Miller, Assessment Librarian
Patti Harper, Head, Research Support Services

Recommendation

After a review of Carleton University Library’s information resources and services, no additional Library resources are required and so no report from the Library is necessary for the QA process for the following new program:

- Graduate Diploma in Economic Policy

This is a formal notification for your records.

APPENDIX 5: STATEMENT OF SUPPORT FROM OTHER UNITS



School of Public Policy and Administration
Carleton University
5224 Richcraft Hall
1125 Colonel By Drive
Ottawa, ON
K1S 5B6 Canada

Tel: (613) 520-2547
Fax: (613) 520-2551
sppa@carleton.ca
www.carleton.ca/sppa

29 October 2019

Hashmat Khan, Professor and Chair
Department of Economics
Carleton University

Dear Hashmat:

In my capacity as Interim Director of the School of Public Policy and Administration, I am pleased to relay the School's support for adding the proposed GDip Economic Policy to the Department's roster of graduate programs.

The Diploma would complement, not compete with, the School's own graduate offerings – and indeed, at only 2.0 credits, could conceivably be taken by students in our Master of Public Policy and Administration as a type 2 Diploma.

Regards,



Calum Carmichael | Associate Professor and Interim Director
School of Public Policy and Administration | Carleton University
1125 Colonel By Drive, Ottawa ON K1S 5B6 Canada
o: 5206 Richcraft Hall | t: 613 520-2600x2631 | e: calum.carmichael@carleton.ca

Dean Approvals
GDip in Economic Policy

-----Original Message-----

From: James Opp <JamesOpp@cunet.carleton.ca>
Sent: Monday, March 9, 2020 12:18 PM
To: Tiffany Douglas <TiffanyDouglas@Cunet.Carleton.Ca>
Cc: Patrice Smith <Patrice.Smith@carleton.ca>
Subject: Fw: GDip Econ- Missing Signature

Hi Tiffany,

Andre's approval is below. I can approve on behalf of Patrice (she's cc'd here just in case).

thanks, - j.

James Opp
Associate Dean (Programs)
Faculty of Graduate and Postdoctoral Affairs Carleton University

From: Andre Plourde <Andre.Plourde@carleton.ca>
Sent: Monday, March 9, 2020 12:04 PM
To: James Opp; David M; Andre Plourde
Subject: RE: GDip Econ- Missing Signature

Thank you for this, Jim.

This is to confirm that, in my capacity as Dean of the Faculty of Public Affairs, I approve the brief prepared in support of the establishment of a Graduate Diploma in Economic Policy. Please let me know if you need anything else from me on this matter.

Thanks again.

Andre

André Plourde
Dean, Faculty of Public Affairs
Carleton University
D391 Loeb Building
1125 Colonel By Drive
Ottawa ON K1S 5B6

Telephone: 613-520-2600 ext. 1858
e-mail: andre.plourde@carleton.ca