

**University of Waterloo**  
**Department of Economics**  
**ECON 206, Section 001**  
**Money and Banking 1**  
**Winter 2019**

**Monday, Wednesday, and Friday, 10:30 a.m. – 11:20 a.m.**

**Classroom: AL 211**

### **Instructor and T.A. Information**

Instructor: M. Vaughan

Office: HH 102

Office Hours: Tuesday 9:00 a.m. – noon, or by appointment.

Phone: ext. 36825

Email: [mvaughan@uwaterloo.ca](mailto:mvaughan@uwaterloo.ca)

Webpage: <http://economics.uwaterloo.ca/mary-ann-vaughan>

### **Notes on office hours or contacting instructor**

- When sending email, "Econ 206" must appear in the subject line and the message must include your full name and ID number.
- Please use email for administrative concerns only. I will be available during office hours, or by appointment, to discuss course material.

### **Course Outline**

This course outline will be available at two locations for the duration of the term:

1. [Department of Economics website](#)
2. [LEARN website](#)

### **Course Description**

In this first course on Money and Banking, we will survey the following broad topics: money, financial markets, interest rates, financial institutions, regulation, central banking and the conduct of monetary policy in practice and in theory.

### **Course Objectives**

Upon completion of this course, students should be able to:

- Understand money, its forms and functions.
- Understand interest rates and the markets in which they are determined.
- Understand the history and importance of regulation in the financial sector.
- Understand the history, features, and functions of the Bank of Canada.
- Understand the implementation of monetary policy in Canada.
- Gain familiarity with some macroeconomic models.

## Required Text

- Mishkin, Frederic S. and Apostolos Serletis, **The Economics of Money, Banking, and Financial Markets**, 6<sup>th</sup> Canadian Edition. Toronto: Pearson, 2016.

## Additional Resources Available on LEARN

The lecture overhead slides are posted on [LEARN](#) at: 1191, ECON 206, Winter 2019

- The LEARN site is down occasionally. Download the slides to your computer. Always be prepared!
- Students writing tests and exams are responsible for saving course materials on Learn before the access to their courses is shut off (normally on the first day of classes of the next term).

## Course Outline

### Part 1: Introduction

#### *Chapter 1: Why Study Money, Banking, and Financial Markets?*

OMIT Appendix pgs. 19 -21

#### *Chapter 2: An Overview of the Financial System*

#### *Chapter 3: What Is Money?*

OMIT Money As a Weighted Aggregate pgs. 62 – 63

### Part 2: Financial Markets

#### *Chapter 4: The Meaning of Interest rates*

#### *Chapter 5: The Behaviour of Interest Rates*

### Part 3: Financial Institutions

#### *Chapter 10: Economic Analysis of Financial Regulation*

#### *Chapter 11: Banking Industry: Structure and Competition*

OMIT Comparison with the United States pgs. 263 - 266

### Part 4: The Management of Financial Institutions

#### *Chapter 12: Banking and the Management of Financial Institutions*

OMIT Duration Analysis pg. 304

OMIT Off-Balance Sheet Activities pgs. 305 - 308

## Part 5: Central Banking and the Conduct of Monetary Policy

### *Chapter 14: Central Banks and the Bank of Canada*

OMIT Structure and Independence of Foreign Central Banks pgs. 355 - 362

### *Chapter 16: Tools of Monetary Policy*

OMIT Conventional Monetary Policy Tools pgs. 403 – 412

OMIT Non-Conventional Monetary Policy Tools During the Global Financial Crisis pgs. 413 – 426

### *Chapter 17: The Conduct of Monetary Policy*

OMIT Should Central Banks Try To Stop Asset Price Bubbles? Pgs. 444 - 454

## Part 7: Monetary Theory

### *Chapter 23: Aggregate Demand and Supply Analysis PLUS Appendix*

OMIT AD/AS Analysis of Foreign Business Cycle Episodes pgs. 591 - 595

### *Chapter 24: Monetary Policy Theory*

OMIT Non-Conventional Monetary Policy and Quantitative Easing pgs. 624 - 630

## Tentative Class Schedule

The following list is meant as a rough guideline. Short-term goals will be announced regularly.

Week	Date	Topic	Chapters
Week 1	Jan. 7, 9, 11	Introduction  Why Study Money, Banking, and Financial Markets?	1
Week 2	Jan. 14, 16, 18	An Overview Of the Financial System  What is Money?	2, 3
Week 3	Jan. 21, 23, 25	The Meaning of Interest Rates  The Behaviour of Interest Rates	4, 5
<b>Quiz 1</b>	<b>Friday, January 25, 2019</b>	<b>In class time.</b>	<b>Covers chapters 1, 2, 3</b>
Week 4	Jan. 28, 30, Feb. 1	The Behaviour of Interest Rates  Economic Analysis of Financial Regulation	5, 10

Week 5	Feb. 4, 6, 8	Economic Analysis of Financial Regulation  Banking Industry: Structure and Competition	10, 11
<b>Quiz 2</b>	<b>Friday, February 8, 2019</b>	<b>In class time.</b>	<b>Covers chapters 4, 5</b>
Week 6	Feb. 11, 13, 15	Banking Industry: Structure and Competition  Banking and Management of Financial Institutions	11, 12
Week 7	Feb. 25, 27, Mar. 1	Banking and Management of Financial Institutions  Central Banks and the Bank of Canada	12, 14
Week 8	Mar. 4, 6, 8	Tools of Monetary Policy  The Conduct of Monetary Policy	16, 17
<b>Quiz 3</b>	<b>Friday, March 8, 2019</b>	<b>In class time.</b>	<b>Covers chapters 10, 11, 12</b>
Week 9	Mar. 11, 13, 15	The Conduct of Monetary Policy  Aggregate Demand and Supply Analysis	17, 23
Week 10	Mar. 18, 20, 22	Aggregate Demand and Supply Analysis	23, Appendix
Week 11	Mar. 25, 27, 29	Monetary Policy Theory	24
Week 12	Apr. 1, 3, 5	Monetary Policy Theory	24

## Course Requirements and Assessment

The course grade will be based on three in-class quizzes and a final examination which will be held during the Official Examination Schedule. The breakdown is as follows:

Assessment	Chapters	Date of Evaluation	Weighting
Quiz 1	Ch 1, 2, 3	Friday, Jan. 25, in class time	15%
Quiz 2	Ch 4, 5	Friday, Feb. 8, in class time	15%
Quiz 3	Ch 10, 11, 12	Friday, Mar. 8, in class time	15%
Final Exam	Comprehensive	TBA (between Apr. 10 – 27)	55%
Total			100%

### Notes

- The format for the quizzes and the final exam will be multiple choice questions.
- The quizzes will be written during class time.
- Quiz grades will be posted on Learn.
- The final exam period for Winter Term 2019 is April 10 to April 27 inclusive. Students are expected to be available during this time. Travel plans are not acceptable grounds for granting an alternative final examination time. (See [Registrar's Office Examinations and Related Matters](#))
- The date and time for the final exam will be determined by the Registrar's Office.
- The final exam schedule is posted online, will be announced in class, and posted on LEARN.
- Only the Registrar's Office can issue final grades

### Examination Policy

#### Missing a Midterm Due to Illness During the Term

- Missing a quiz will automatically result in a grade of zero for that quiz. If the illness can be documented with a UW Verification of Illness Form (the only acceptable document), with approval you may transfer the weight of the missed quiz to the final exam. This remedy is a privilege and not a right.
- Immediately upon your return, please deliver to me a **hard copy** of your medical document.
- The midterm schedule is set and will not be changed for any reason.

#### Missing the Final Exam Due to Illness

- Missing the final exam is a very serious matter which automatically results in a grade of zero for the final exam and possibly a failing grade for the course. Please carefully read the Economics Department policy on deferred final exams for instructions.
- No deferred final exam will be provided for students who missed all the exams (including the final exam) in this course. [Deferred Final Exam Policy](#).

## Submission of Exam Papers

- Late submission of exam papers is not accepted and missed submissions will receive a grade of zero for whatever reason.
- Exam papers must be submitted in whole and on time in the exam room. Exam papers (a) not submitted on time, (b) submitted with missing pages, (c) submitted elsewhere, with the exception of students with permission to write in the AS Office, (d) or not received at all will receive a grade of zero for whatever reason.
- It is the responsibility of students to ensure that they write exams in the location, date, and time assigned to their section. Students writing exams in the wrong section will be assessed a **20% penalty** on the final exam grade. There will be no accommodation for possible differences in exam material or content.

## Fee-Arranged Issues

Students are responsible for administrative matters concerning their course registration including fee arrangements. No make-up work or other remedies will be given for loss of access to LEARN and academic consequences arising from administrative issues with the Registrar's Office.

## Late Work

N/A

## Information on Plagiarism Detection

N/A

## Electronic Device Policy

- **THIS IS A HANDHELD-DEVICE-FREE ZONE.**
- Turn off all handheld devices and put them away for the duration of the lecture.
- Laptop computers may only be used to view lecture material.
- Photographic devices are not permitted in class due to copyright and privacy issues.
- Audio or video recording devices are not permitted in class due to copyright and privacy concerns.

## Attendance Policy

Class attendance is an integral part of the course. Although attendance is not formally taken, it is critical for understanding the course material. Students are responsible for all material covered whether they choose to attend lectures or not.

## Classroom Protocols

- I do **NOT** lend my lecture notes to students for any reason.
- In order to maintain a learning environment in this classroom, I expect the highest level of courtesy and professional behavior from every student. In particular, be punctual and turn off all audible ringers on all devices during class.
- As a courtesy to others, no eating in class please. If you have coffee, water, etc., please dispose of your garbage when you leave the classroom.
- No private conversations in class will be tolerated

## Institutional-required statements for undergraduate course outlines approved by Senate Undergraduate Council, April 14, 2009

### Cross-listed course

Please note that a cross-listed course will count in all respective averages no matter under which rubric it has been taken. For example, a PHIL/PSCI cross-list will count in a Philosophy major average, even if the course was taken under the Political Science rubric.

**Academic Integrity:** In order to maintain a culture of academic integrity, members of the University of Waterloo are expected to promote honesty, trust, fairness, respect and responsibility. See the [UWaterloo Academic Integrity Webpage \(https://uwaterloo.ca/academic-integrity/\)](https://uwaterloo.ca/academic-integrity/) and the [Arts Academic Integrity Office Webpage \(http://arts.uwaterloo.ca/current-undergraduates/academic-responsibility\)](http://arts.uwaterloo.ca/current-undergraduates/academic-responsibility) for more information.

**Discipline:** A student is expected to know what constitutes academic integrity, to avoid committing academic offenses, and to take responsibility for his/her actions. A student who is unsure whether an action constitutes an offense, or who needs help in learning how to avoid offenses (e.g., plagiarism, cheating) or about “rules” for group work/collaboration should seek guidance from the course professor, academic advisor, or the Undergraduate Associate Dean. When misconduct has been found to have occurred, **including writing exams in a section that you are not registered in**, disciplinary penalties will be imposed under [Policy 71 – Student Discipline](#). For information on categories of offenses and types of penalties, students should refer to [Policy 71 - Student Discipline](#). For typical penalties check [Guidelines for the Assessment of Penalties \(http://www.adm.uwaterloo.ca/infosec/guidelines/penaltyguidelines.htm\)](http://www.adm.uwaterloo.ca/infosec/guidelines/penaltyguidelines.htm).

**Grievance:** A student who believes that a decision affecting some aspect of his/her university life has been unfair or unreasonable may have grounds for initiating a grievance. Read [Policy 70 - Student Petitions and Grievances, Section 4](#). In addition, read [the Student Grievance Process](#) for the Faculty of Arts.

**Appeals:** A student may appeal the finding and/or penalty in a decision made under Policy 70 - Student Petitions and Grievances (other than regarding a petition) or Policy 71 - Student Discipline if a ground for an appeal can be established. Read [Policy 72 - Student Appeals](#).

## **Other sources of information for students**

Academic integrity ([Arts Academic Integrity Office \(uWaterloo\)](#))

## **Accommodation for Students with Disabilities**

**Note for students with disabilities:** The [AccessAbility Services office](#), located in Needles Hall Room 1132, collaborates with all academic departments to arrange appropriate accommodations for students with disabilities without compromising the academic integrity of the curriculum. If you require academic accommodations to lessen the impact of your disability, please register with the AS office at the beginning of each academic term.

## **Mental Health Support**

All of us need a support system. The faculty and staff in Arts encourage students to seek out mental health supports if they are needed.

### **On Campus**

- Counselling Services: [counselling.services@uwaterloo.ca](mailto:counselling.services@uwaterloo.ca) / 519-888-4567 xt 32655
- **MATES:** one-to-one peer support program offered by Federation of Students (FEDS) and Counselling Services
- Health Services Emergency service: located across the creek from Student Life Centre

### **Off campus, 24/7**

- **Good2Talk:** Free confidential help line for post-secondary students. Phone: 1-866-925-5454
- Grand River Hospital: Emergency care for mental health crisis. Phone: 519-749-433 ext. 6880
- **Here 24/7:** Mental Health and Crisis Service Team. Phone: 1-844-437-3247
- **OK2BME:** set of support services for lesbian, gay, bisexual, transgender or questioning teens in Waterloo. Phone: 519-884-0000 extension 213

Full details can be found online at the Faculty of ARTS [website](#)

Download [UWaterloo and regional mental health resources \(PDF\)](#)

Download the [WatSafe app](#) to your phone to quickly access mental health support information

## **Territorial Acknowledgement**

We acknowledge that we are living and working on the traditional territory of the Attawandaron (also known as Neutral), Anishinaabe and Haudenosaunee peoples. The University of Waterloo is situated on the Haldimand Tract, the land promised to the Six Nations that includes six miles on each side of the Grand River.

For more information about the purpose of territorial acknowledgements, please see the [CAUT Guide to Acknowledging Traditional Territory \(PDF\)](#)