

# ECON 3020: Macroeconomic Theory II

Syllabus - Winter Term 2021

Revised: January 19, 2021

Lectures: Tuesday and Thursday, 2:30pm-3:45pm, Zoom

Instructor: Guillermo Gallacher

Email: [guillermo.gallacher@umanitoba.ca](mailto:guillermo.gallacher@umanitoba.ca)

Office Hours: Tuesday 3:45-5:45pm, Zoom

Course website: <https://universityofmanitoba.desire2learn.com/d2l/home/397532>

Zoom link: shared via UM Learn webpage.

## Welcome

Feel free to address me as Guillermo (he/him). I will use the course website to post materials and make announcements so make sure you are registered. If you are unsure about due dates or anything else, please ask your classmates first before emailing me.

## Overview

This is a course on economic growth and inequality. We will use both theory and data to tackle policy relevant questions. This course builds on the concepts and analytical techniques taught in introductory and intermediate economics courses. We will also use Excel and the statistical software package R.

## Textbook

Our main textbook is “Introduction to Economic Growth” (third edition), by Charles I. Jones and Dietrich Vollrath. This textbook is available in the bookstore and can be purchased in ebook form as well. I will also provide some lecture notes for the inequality part.

## R Software

R is required for this course. R is a free programming language and environment for statistical computing and graphics. RStudio is a free integrated development environment (IDE) for R, which means it is a program that provides a more user-friendly interface for R.

- Download R at <https://cran.r-project.org/>
- Download RStudio at <https://www.rstudio.com/products/rstudio/download/>
- YouTube installation video: <https://goo.gl/PG2cK5>

We will also use Microsoft Excel.

## Assignments and Grading

- The weights (and dates) to determine your course grade will be:

	Weight	Date
Midterm Exam	25%	March 18, 2:30pm
Final Exam	35%	TBD
Problem Sets	20%	Five throughout the Term
Group Presentation	10%	Once in the Term
Final Project	10%	April 13, 1:00pm

- Exams: We will have two exams. They will be cumulative.
- Missed tests will only be accepted in the case of a medical or compassionate emergency.
- Problem Sets: There will be five problem sets. There is no making up for missed problem sets but I will drop the lowest score.
- Group Presentation: We will have student group presentations. Your group will present once during the term. I will provide more information later.
- Final Project: the guidelines will be distributed separately.
- The Voluntary Withdrawal deadline is March 31st, 2021.
- Grading: The grading scale for the course is: A+ ( $\geq 93$ ), A (83-92), B+(75-82), B (70-74), C+(65-69), C (60-64), D (50-59), F ( $\leq 49$ ).

## Timetable

Week #	Days	Topic	Textbook Reference
1	Jan 19, Jan 21	The Facts of Economic Growth	Ch. 1 & Ap.
2	Jan 26, Jan 28	The Exogenous Growth Model	Ch. 2
3	Feb 9, Feb 11	Empirical Applications	Ch. 3
4		Winter Term Break	
5	Feb 23, Feb 25	The Economic of Ideas	Ch. 4
6	Mar 2, Mar 4	The Engine of Growth	Ch. 5
7	Mar 9, Mar 11	The Engine of Growth (cont.)	Ch. 5
8	Mar 16, Mar 18	Review and MIDTERM EXAM	
9	Mar 23, Mar 25	Social Infrastructure	Ch. 7
10	Mar 30, Apr 1	Population	Ch. 8
11	Apr 6, Apr 8	Inequality	Lecture Notes
12	Apr 13, Apr 15	PROJECT PRESENTATIONS	
13	TBC	FINAL EXAM	

## Academic Integrity

In keeping with the mission of the school and university, students are expected and required to conform to the norms of academic honesty. Academic misconduct will be dealt with harshly. Academic misconduct includes (but is not limited to) using unauthorized written or electronic materials on a quiz or exam, copying another student's quiz or exam or allowing another student to copy yours, and passing off someone else's writing or ideas as your own in writing assignments. Possible consequences for academic misconduct range from zero credit on an assignment to failing the class.

## Student Accessibility Services

If you are a student with a disability, please contact SAS for academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation.

Student Accessibility Services: <http://umanitoba.ca/student/saa/accessibility/>

520 University Centre 204 474 7423

Email: [student\\_accessibility@umanitoba.ca](mailto:student_accessibility@umanitoba.ca)

## Use of Technology

We will meet via Zoom. Ideally you should be mindfully taking notes with pencil and paper. I highly recommend you not to get distracted with your computer during class. I also recommend that you do not use your cell phone during class.

## Extra

- See attached document

## Schedule “A”

The following information may be used to fulfill the requirement of Schedule “A.” Such information is to be provided to students within the first week of classes, either through a paper copy and/or a University student information system (including Aurora or UM Learn).

**Section (a) sample** re: A list of academic supports available to Students, such as the Academic Learning Centre, Libraries, and other supports as may be appropriate:

### Writing and Learning Support

The Academic Learning Centre (ALC) offers services that may be helpful to you throughout your academic program. Through the ALC, you can meet with a learning specialist to discuss concerns such as time management, learning strategies, and test-taking strategies. The ALC also offers peer supported study groups called Supplemental Instruction (SI) for certain courses that students have typically found difficult. In these study groups, students have opportunities to ask questions, compare notes, discuss content, solve practice problems, and develop new study strategies in a group-learning format.

You can also meet one-to-one with a writing tutor who can give you feedback at any stage of the writing process, whether you are just beginning to work on a written assignment or already have a draft. If you are interested in meeting with a writing tutor, reserve your appointment two to three days in advance of the time you would like to meet. Also, plan to meet with a writing tutor a few days before your paper is due so that you have time to work with the tutor’s feedback.

These Academic Learning Centre services are free for U of M students. For more information, please visit the Academic Learning Centre website at:  
<http://umanitoba.ca/student/academiclearning/>

You can also contact the Academic Learning Centre by calling 204-480-1481 or by visiting 201 Tier Building.

### University of Manitoba Libraries (UML)

As the primary contact for all research needs, your liaison librarian can play a vital role when completing academic papers and assignments. Liaisons can answer questions about managing citations, or locating appropriate resources, and will address any other concerns you may have, regarding the research process. Liaisons can be contacted by email or phone, and are also available to meet with you in-person. A complete list of liaison librarians can be found by subject: <http://bit.ly/WcEbA1> or name: <http://bit.ly/1tJ0bB4>. In addition, general library assistance is provided in person at 19 University Libraries, located on both

the Fort Garry and Bannatyne campuses, as well as in many Winnipeg hospitals. For a listing of all libraries, please consult the following: <http://bit.ly/1sXe6RA>. When working remotely, students can also receive help online, via the Ask-a-Librarian chat found on the Libraries' homepage: [www.umanitoba.ca/libraries](http://www.umanitoba.ca/libraries).

**Section (b) sample:** re: A statement regarding mental health that includes referral information:

**For 24/7 mental health support, contact the Mobile Crisis Service at 204-940-1781.**

### **Student Counselling Centre**

Contact SCC if you are concerned about any aspect of your mental health, including anxiety, stress, or depression, or for help with relationships or other life concerns. SCC offers crisis services as well as individual, couple, and group counselling. *Student Counselling Centre:*

<http://umanitoba.ca/student/counselling/index.html>

474 University Centre or S207 Medical Services  
(204) 474-8592

### **Student Support Case Management**

Contact the Student Support Case Management team if you are concerned about yourself or another student and don't know where to turn. SSCM helps connect students with on and off campus resources, provides safety planning, and offers other supports, including consultation, educational workshops, and referral to the STATIS threat assessment team.

*Student Support Intake Assistant* <http://umanitoba.ca/student/case-manager/index.html>

520 University Centre  
(204) 474-7423

### **University Health Service**

Contact UHS for any medical concerns, including mental health problems. UHS offers a full range of medical services to students, including psychiatric consultation.

*University Health Service* <http://umanitoba.ca/student/health/>

104 University Centre, Fort Garry Campus  
(204) 474-8411 (Business hours or after hours/urgent calls)

### **Health and Wellness**

Contact our Health and Wellness Educator if you are interested in information on a broad range of health topics, including physical and mental health concerns, alcohol and substance use harms, and sexual assault.

*Health and Wellness Educator* <http://umanitoba.ca/student/health-wellness/welcome.html>

[Katie.Kutryk@umanitoba.ca](mailto:Katie.Kutryk@umanitoba.ca)

469 University Centre

(204) 295-9032

### **Live Well @ UofM**

For comprehensive information about the full range of health and wellness resources available on campus, visit the Live Well @ UofM site:

<http://umanitoba.ca/student/livewell/index.html>

### **Section (c) sample:** re: A notice with respect to copyright:

All students are required to respect copyright as per Canada's *Copyright Act*. Staff and students play a key role in the University's copyright compliance as we balance user rights for educational purposes with the rights of content creators from around the world. The Copyright Office provides copyright resources and support for all members of the University of Manitoba community.

Visit <http://umanitoba.ca/copyright> for more information.

### **Section (d) sample:** re: A statement directing the student to University and Unit policies, procedures, and supplemental information available on-line:

### **Your rights and responsibilities**

As a student of the University of Manitoba you have rights and responsibilities. It is important for you to know what you can expect from the University as a student and to understand what the University expects from you. Become familiar with the policies and procedures of the University and the regulations that are specific to your faculty, college or school.

The [Academic Calendar](http://umanitoba.ca/student/records/academiccalendar.html)

<http://umanitoba.ca/student/records/academiccalendar.html> is one important source of information. View the sections *University Policies and Procedures* and *General Academic Regulations*.

While all of the information contained in these two sections is important, the following information is highlighted.

- If you have questions about your grades, talk to your instructor. There is a process for term work and final **grade appeals**. Note that you have the right to access your final examination scripts. See the Registrar's Office website for more information including appeal deadline dates and the appeal form

<http://umanitoba.ca/registrar/>

- You are expected to view the General Academic Regulation section within the Academic Calendar and specifically read the **Academic Integrity** regulation. Consult the course syllabus or ask your instructor for additional information about demonstrating academic integrity in your academic work. Visit the Academic Integrity Site for tools and support <http://umanitoba.ca/academicintegrity/> View the **Student Academic Misconduct** procedure for more information.
- The University is committed to a respectful work and learning environment. You have the right to be treated with respect and you are expected conduct yourself in an appropriate respectful manner. Policies governing behavior include the:

### **Respectful Work and Learning Environment**

[http://umanitoba.ca/admin/governance/governing\\_documents/community/230.html](http://umanitoba.ca/admin/governance/governing_documents/community/230.html)

### **Student Discipline**

[http://umanitoba.ca/admin/governance/governing\\_documents/students/student\\_discipline.html](http://umanitoba.ca/admin/governance/governing_documents/students/student_discipline.html) and,

### **Violent or Threatening Behaviour**

[http://umanitoba.ca/admin/governance/governing\\_documents/community/669.html](http://umanitoba.ca/admin/governance/governing_documents/community/669.html)

- If you experience **Sexual Assault** or know a member of the University community who has, it is important to know there is a policy that provides information about the supports available to those who disclose and outlines a process for reporting. The **Sexual Assault** policy may be found at: [http://umanitoba.ca/admin/governance/governing\\_documents/community/230.html](http://umanitoba.ca/admin/governance/governing_documents/community/230.html) More information and resources can be found by reviewing the Sexual Assault site <http://umanitoba.ca/student/sexual-assault/>
- For information about rights and responsibilities regarding **Intellectual Property** view the policy [http://umanitoba.ca/admin/governance/media/Intellectual\\_Property\\_Policy\\_-\\_2013\\_10\\_01.pdf](http://umanitoba.ca/admin/governance/media/Intellectual_Property_Policy_-_2013_10_01.pdf)

For information on regulations that are specific to your academic program, read the section in the Academic Calendar and on the respective faculty/college/school web site <http://umanitoba.ca/faculties/>

Contact an **Academic Advisor** within our faculty/college or school for questions about your academic program and regulations <http://umanitoba.ca/academic-advisors/>

### **Student Advocacy**

Contact Student Advocacy if you want to know more about your rights and responsibilities as a student, have questions about policies and procedures, and/or want support in dealing with academic or discipline concerns.

<http://umanitoba.ca/student/advocacy/>

520 University Centre

204 474 7423

[student\\_advocacy@umanitoba.ca](mailto:student_advocacy@umanitoba.ca)