

URBAN ECONOMICS  
ECONOMICS 2157F-001  
Department of Economics  
Western University

**September 2018**

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**Office Hours:** Monday, Tuesday 1:45-2:45PM  
**Class location:** UCC 65  
**Class times:** Tuesday, 12:30-1:30PM  
Thursday, 10:30AM-12:30PM

**Undergraduate inquiries:** 519-661-3507 SSC Room 4075 or [econugrd@uwo.ca](mailto:econugrd@uwo.ca)

**Registration:**

You are responsible for ensuring you are registered in the correct courses. If you are not registered in this course, the Department will not release any of your marks until your registration is corrected. You may check your timetable by using the Login on the Student Services website at <https://student.uwo.ca>. If you notice a problem, please contact your home Faculty Academic Counsellor immediately.

**Prerequisite Note:**

The prerequisites for this course are Economics 1021A/B and 1022A/B, or Economics 2001A/B.

You are responsible for ensuring that you have successfully completed all course prerequisites, and that you have not taken any anti-requisite courses. Lack of prerequisites may not be used as a basis for appeal. If you are found to be ineligible for a course, you may be removed from it at any time and you will receive no adjustment to your fees. This decision cannot be appealed.

If you find that you do not have the course prerequisites, it is in your best interest to drop the course well before the end of the add/drop period. Your prompt attention to this matter will not only help protect your academic record, but will ensure that spaces become available for students who require the course in question for graduation.

## **Course Objectives:**

This course is an introduction to urban economics, and to the economics of urban life in Canada. Topics include urbanization, location of residences and employment, housing, transportation, pollution, urban poverty, crime, and fiscal matters. The lectures will focus on theories of urban structure and process, and on a number of policy issues. Additional course readings will provide real-world context for the material in a variety of cities in Canada and elsewhere in the world. Through the course of the semester, students will research and write an essay on a topic with urban economic relevance.

## **Course Learning Outcomes:**

Upon successful completion of the course, the student will be able to use economic theories to explain:

- what a city is, why cities exist, how and why cities grow, and why property values and rents vary within cities.
- how firms and workers choose their locations, and how the firm's choice is impacted by the location of customers, other firms, and raw material inputs.
- the forces that shape land-use patterns and segregation within cities.
- patterns of education, crime, and poverty within cities.
- how housing values are determined, how the characteristics of a dwelling and its surroundings impact its value, and how the determination of housing values differs from the price determination of other types of goods.
- how transportation and transportation costs impact households and firms' choices, and how public policies and public provision of transportation options might alleviate certain transportation externalities within cities.
- the role of local government in the provision of public goods and in the collection of funds to pay for public goods, how households respond to tax policies, and how public policy can help to promote efficient choices of households and firms.

## **Textbook and Course Materials:**

Required Textbook: O'Sullivan. *Urban Economics* (8th ed.), McGraw Hill Education.

Additional readings (articles) will be provided on the course website: <http://owl.uwo.ca>

## Tentative Course Outline:

- I. Market Forces in the Development of Cities
  - Why cities exist
  - Why firms and workers cluster
  - City size and growth
  
- II. Land Rent and Land-Use Patterns
  - Urban land rent
  - Land-use patterns
  - Neighbourhood choice
  
- III. Policy Topics
  - Education and crime
  - Transportation—Traffic and Urban Transit
  - Housing
  - Role of Local Government (time permitting)

*Note:* Any changes to this schedule will be provided in class. Topics may be added or omitted based on time constraints. Students will be held responsible for all material presented in lectures, regardless of whether the material appears in the textbook.

## Assessment (**dates tentative**):

Class Participation	Details will be posted on the course website	15%
Midterm	During class time on October 25	20%
Essay	Due in class on November 27	35%
Final Exam	To be scheduled by the registrar	30%

*Note about exams:* Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

*Notes about the essay:*

- The essay assignment will be posted on the course website.
- The essay should be 2500-3000 words in length (not including not including tables, figures, appendices, footnotes or bibliography). There will be penalties applied at the discretion of the instructor if the paper is less than 2500 words or exceeds 3000 words.
- Your essay must be submitted to the instructor personally (see late penalties below). Students must submit 2 paper copies of the essay as well as an electronic submission to Turnitin.com. If you do not submit your paper to Turnitin.com, your paper will not be marked and it will be given a grade of zero. Instructions for submission to Turnitin.com will be provided later in the semester.

- Feel free to hand in your essay early if that fits better with your schedule. The following penalties will apply to essays turned in late:
  - 10 points: 1- 24 hours late
  - 20 points: 24 - 48 hours late
  - 30 points: 48 - 72 hours late
  - 50 points: 72 - 96 hours late
  - no credit: >96 hours late
 Weekends count when assessing late penalties. I will not accept excuses such as “I can’t open the file”, “I lost the disk”, etc.
- The essay grade will be based on both content and on quality of the student’s writing (organization, grammar, and style).
- Submission of a purchased or recycled essay will result in a mark of zero being recorded for the essay requirement of the course. The student will also be reported for an academic offense.
- Any student who does not turn in an essay will be given a failing grade in the course.

### **Policy Regarding Missed Exams:**

There will be no make-up midterm. Accommodation for missing the midterm will be granted with approved documentation only. If you have a conflict with the exam date, it is your responsibility to discuss it with me within one week of the announcement of the midterm date and provide documentation of the conflict. If you miss the midterm due to illness or other unforeseen reason, you must email me and provide documentation of the reason for missing the exam to your Academic Counsellor within 48 hours of the regularly scheduled exam. If you miss the midterm due to illness, I strongly urge you to visit a doctor on the day of the missed exam to obtain documentation of your illness. If your Academic Counsellor and I agree that your reason for missing the exam is legitimate and supported by your documentation, the weight of the missed midterm will be reallocated to the remaining assessments.

Students who miss the Final Exam will be required to write a make-up final exam. Students who miss the Final Exam should follow the notification and documentation rules that apply to missed midterms. See above. Additional documentation or notification procedures for missed final exams may be required by your Academic Counsellor. Therefore, please contact your Academic Counsellor as soon as possible regarding a missed Final Exam.

### **Other Course and Classroom Policies:**

**Attendance:** Students are expected to attend lectures regularly, and will be held responsible for all material and all announcements provided in class. Important announcements, such as times and locations of exams, will also be provided under the announcements section of the course website. Attendance on certain dates related to class participation and/or the essay assignment will be mandatory. Those dates will be posted on the course website and announced in class in advance. If you are absent on one of those dates, you will incur a penalty on the corresponding assessment component if you are unable to provide documentation to your Academic Counsellor that your absence was for legitimate reasons.

**Participation:** I encourage you to participate and ask questions in class, even on days when your participation is not marked. Class discussion is a very useful component of learning, keeps class lively and interesting for all of us, and helps me identify topics that I should go over in more detail (at that time or as we prepare for exams).

**Cell Phones:** Please turn off your cell phones and other communication devices before entering the classroom.

**Video/Photography:** Video recording and photography during class is not permitted, as it may violate the privacy of others in the classroom.

**Laptops:** You may use a laptop in class to take notes until the first time you are found to be doing something other than taking notes on it.

**Emails:** According to FIPPA, I am not allowed to respond to non-UWO email addresses. Please use your UWO email address in all communications. Also, please enter the course number in the subject heading of your email. I will try to respond to all emails within 48 hours, not counting the weekend. I will not respond to emails such as the following:

- 1) Any question that is on this syllabus or elsewhere on the course website. Examples include exam dates, essay due dates, which topics were covered in class, etc. If you have not received a reply to your question, check the syllabus and the course website.
- 2) Requests for extra assignments, reweighting of exams, assignments, etc., as these are prohibited under Senate regulations.
- 3) Requests for my lecture notes. I do not provide my lecture notes other than the material which is on the course website.

**Please Note**  
**Department Policies for 2018-2019**

Remember that the University expects all students to take responsibility for their own Academic Programs. Students should also check their registration to ensure they are enrolled in the correct courses.

1. Guidelines and policies for the Faculty of Social Science and the Department of Economics are posted online in the current Western Academic Calendar at:  
<http://westerncalendar.uwo.ca>.
2. Students must familiarize themselves with the “Rules of Conduct for Examinations”  
[http://www.uwo.ca/univsec/pdf/academic\\_policies/exam/administration.pdf](http://www.uwo.ca/univsec/pdf/academic_policies/exam/administration.pdf).
3. **Cheating as an academic offence:** Students are responsible for understanding what it means to “cheat”. The Department of Economics treats cheating incidents very seriously and will investigate any suspect behavior. Students found guilty will incur penalties that could include a failing grade or being barred from future registration in other Economics courses or programs. The University may impose further penalties such as a notation on an official academic transcript, suspension or expulsion.
4. **Plagiarism:** Students must write their essays and assignments in their own words. When taking an idea/passage from another author, it must be acknowledged with quotation marks where appropriate and referenced with footnotes or citations. Plagiarism is an academic offence (see Scholastic Discipline for Undergraduate Students in the Western Calendar at [http://westerncalendar.uwo.ca/PolicyPages.cfm?Command=showCategory&PolicyCategoryID=1&SelectedCalendar=Live&ArchiveID=#Page\\_20](http://westerncalendar.uwo.ca/PolicyPages.cfm?Command=showCategory&PolicyCategoryID=1&SelectedCalendar=Live&ArchiveID=#Page_20)).

Western University uses software to check for plagiarism and students may be required to electronically submit their work. Those found guilty will be penalized as noted in point 3.

5. It is a Department of Economics policy that **NO** assignments be dated, stamped or accepted by staff. Students must submit assignments in class or to the instructor during office hours.
6. When appealing a mark, students should refer to the Student Academic Appeals section in the current Western Academic Calendar at:  
[http://westerncalendar.uwo.ca/PolicyPages.cfm?Command=showCategory&PolicyCategoryID=1&SelectedCalendar=Live&ArchiveID=#Page\\_14](http://westerncalendar.uwo.ca/PolicyPages.cfm?Command=showCategory&PolicyCategoryID=1&SelectedCalendar=Live&ArchiveID=#Page_14).

Please note the relevant deadlines.

The Department will not consider an appeal unless an attempt has been made to settle the matter with the instructor first. Students who remain dissatisfied with the outcome may proceed with a written appeal (e-mails are not acceptable) to the Undergraduate Director in Economics, stating the reasons for their appeal. A checklist is provided at:  
[http://economics.uwo.ca/undergraduate/program\\_counselling/responsibilities\\_policies.html#appeals](http://economics.uwo.ca/undergraduate/program_counselling/responsibilities_policies.html#appeals).

7. Systematic adjustments of a class grade distribution (either up or down) can occur in Economics courses. The fact that grades have been adjusted is **not** grounds for an appeal.

8. Note the following add and drop deadlines:

Deadline to add a first term half course:

**Friday September 14, 2018**

Deadline to drop a first term half course:

**Monday November 12, 2018**

9. Faculty of Social Science policy states that oversleeping or misreading an exam schedule is NOT grounds for a makeup. This rule applies to midterm and final exams in the Department of Economics.

### **Policy Regarding Makeup Tests and Final Examinations**

*Academic accommodation will **not** be granted automatically on request. Students **must** demonstrate by documentation that there are **compelling** medical or compassionate grounds before academic accommodation will be considered.*

Students who proceed to write a test or examination must be prepared to accept the mark. Rewriting tests or examinations, or having their value reweighted on a retroactive basis, is **not** permitted. Students must also book travel arrangements AFTER final exam dates have been posted as they must not conflict with test or final exams.

Unless medically incapable of doing so, students must notify their instructor prior to the test date or at least within **24 hours** when requesting a makeup exam. Failure to follow this procedure may result in denial of academic accommodation and a grade of zero. Students should also set up an appointment as soon as possible to meet with their instructor. If the instructor is not available, send an email message, copying the Undergraduate Coordinator at [econugrd@uwo.ca](mailto:econugrd@uwo.ca). **Notifying instructors of a missed exam does not automatically entitle students to a makeup.**

Students who seek a makeup exam must also provide supporting medical or other relevant documentation that their absence from a scheduled test or exam is beyond their control. Documentation should be submitted to the Academic Counselling Office of the student's *home* Faculty **as soon as possible (preferably within 24 hours of the scheduled test)**. Failure to follow this procedure may result in denial of academic accommodation and a grade of zero. If the documentation submitted is not acceptable, students will receive a zero for the missed test.

For medical illnesses, students may consult Student Health Services and request a Student Medical Certificate from the physician. If assessed by an off-campus doctor, students must obtain a certificate from his/her office at the time of the visit/assessment. The off-campus medical certificate form must also be used and can be found at: [http://www.uwo.ca/univsec/pdf/academic\\_policies/appeals/medicalform.pdf](http://www.uwo.ca/univsec/pdf/academic_policies/appeals/medicalform.pdf). Notes stating "For Medical Reasons" are not considered sufficient.

For religious or compassionate circumstances, students should ask their Academic Counsellor what documentation to provide. If documentation is judged sufficient, the Academic Counsellor will issue a Recommendation for a Special Examination (a single form for

midterms or a triple-color form for final exams). Once students have this form, they must contact their instructor as soon as possible to make arrangements. Even if approved by their Academic Counsellor, there is no guarantee that students will be allowed to write the makeup test/exam.

For final examinations, students need to seek permission from their *home* Faculty Counsellor, Instructor, and the Department Undergraduate Director. Failure to follow this procedure may result in a grade of zero. Students must ensure that the Special Examination form has been signed by the Instructor and Department Undergraduate Director and that the form is returned to the Academic Counselling Office for approval without delay. If approved, makeup examinations will be written within one month of the end of the exam period.

### **Policies Regarding Academic Accommodation**

The Faculty of Social Science's policies regarding academic accommodation is found at [http://counselling.ssc.uwo.ca/procedures/having\\_problems/index.html](http://counselling.ssc.uwo.ca/procedures/having_problems/index.html).

"Academic Rights and Responsibilities" are also outlined in the Western Calendar at <http://westerncalendar.uwo.ca/PolicyPages.cfm?PolicyCategoryID=1&command=showCategory&SelectedCalendar=Live&ArchiveID=>. Claiming that "you didn't know what to do" is not an acceptable excuse for not following the stated procedures.

### **Policy Regarding Class Attendance**

If the instructor deems a student's class attendance as unsatisfactory, that student may be prohibited from writing the final examination. If there is intent to make use of this University policy, the student will be notified in writing.

### **Statement on Mental Health and Support Services**

Students under emotional/mental distress should visit [http://uwo.ca/health/mental\\_wellbeing/](http://uwo.ca/health/mental_wellbeing/) for more information and a complete list of resources on how to obtain help.

## Guidelines for Essay Courses

### Essay Courses<sup>1</sup>

An essay course is a course in which the cumulative amount of written work, excluding written work in examinations, is at least 2,500 words for a half course.

To pass an essay course students must exhibit a minimal level of competence in essay writing in addition to comprehension of the course content.

### English Language Proficiency for Assignment of Grades<sup>2</sup>

Written work that demonstrates a lack of English proficiency will be failed or, at the discretion of the instructor, returned to the student for revision to an acceptable level.

To foster competence in the English language, *all instructors will take English proficiency into account when marking*. This policy applies to all courses, not only essay courses.

### Recycling of Assignments

Students are prohibited from handing in the same paper for two different courses. Doing so is considered a scholastic offence and will be subjected to academic penalties.

### Plagiarism

Plagiarism is defined as “the act or an instance of copying or stealing another’s words or ideas and attributing them as one’s own.”<sup>3</sup>

Plagiarism applies to ALL assignments including essays, reports, diagrams, statistical tables, and computer projects. Examples of plagiarism include:<sup>4</sup>

- Submitting someone else’s work as your own
- Buying a paper from a mill, website or other source and submitting it as your own
- Copying sentences, phrases, paragraphs, or ideas from someone else’s work, published or unpublished, without citing them
- Replacing selected words from a passage and using it as your own without citing them
- Copying multimedia (graphics, audio, video, internet streams), computer programs, music compositions, graphs, or charts from someone else’s work without citing them
- Piecing together phrases and ideas from a variety of sources to without citing them
- Building on someone else’s ideas or phrases without citing them

Plagiarism is a serious scholastic offence. Possible consequences of plagiarism include a mark of 0% on the assignment, a mark of 0% for the course, and expulsion from the university.

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<sup>1</sup>From the UWO Academic Handbook. See [http://www.uwo.ca/univsec/pdf/academic\\_policies/registration\\_progression\\_grad/coursenumbering.pdf](http://www.uwo.ca/univsec/pdf/academic_policies/registration_progression_grad/coursenumbering.pdf)

<sup>2</sup> From the UWO Academic Handbook. See [http://www.uwo.ca/univsec/pdf/academic\\_policies/exam/english.pdf](http://www.uwo.ca/univsec/pdf/academic_policies/exam/english.pdf)

<sup>3</sup>Excerpted from HC Black, *Black’s Law Dictionary*, West Publishing Co., 1999, 7th ed., p. 1170.

<sup>4</sup> From the San José State University Plagiarism Tutorial <http://tutorials.sjlibrary.org/tutorial/plagiarism/>

Instructors may require students to submit written work electronically to <http://www.turnitin.com>. This is a service that assists instructors in detecting plagiarism.

Students seeking further guidance on avoiding plagiarism should consult their instructor. Claiming ignorance is not an acceptable excuse.

The key to avoiding plagiarism is to correctly cite reference sources.

## Referencing and Citation Guidelines

The Economics Department has adopted the citation guidelines used in *The Chicago Manual of Style*, 16<sup>th</sup> edition. Chicago: University of Chicago Press, 2010. An online version is available from Western Libraries <http://www.lib.uwo.ca>. Search the catalogue by title “Chicago Manual of Style.” For off-campus access, use the *OffCampus Access* sign-in on the Library’s homepage.

Economics papers often use the **author-date** style of references. Further details and examples of this style are available in chapter 15 of the *Chicago Manual of Style Online*. See also the handy “Chicago-Style Citation Quick Guide” under Tools on the homepage.

In the body of an essay, in-text citations list the last names of the authors of the piece that are referenced, the year of publication, and, where relevant, page numbers. In-text citations refer the reader to a complete list of bibliographic references at the end of the essay. Papers that cite multiple works by the same author(s) with the same publication year should add a lower case letter after the date in both the in-text citation and References (e.g., 1993a and 1993b). In doing so, the in-text citation points the reader to the relevant work.

Examples of in-text citations:

Diamond (1981, 1982) and Mortensen (1982a, 1982b) find these externalities can cause an inefficient level of search activity...

The “new view of unemployment” which emerged during the 1970s emphasized the importance of turnover in the labour force and the brief duration of many employments spells (Hall 1970, 1972; Perry 1972; Marston 1976).

The primary objectives of the LMAS are “1. To provide measures of the dynamic...the Labour Force Survey” (Statistics Canada 1990, 5).

The list of references at the end of the essay should be titled References or Works Cited. It provides complete bibliographic information about each source cited. In addition, students should also provide adequate referencing of any data sources. This should be done in a data appendix following the text of the paper and before the References.

Below are examples of the author-date style. For sources with two or more authors, only the first author’s name is inverted and a comma appears before and after the first author’s given name or initial.

1. BOOKS:

Wonnacott, Thomas, and Ronald Wonnacott. 1984. *Introductory Statistics for Business and Economics*. 3<sup>rd</sup> edition. Toronto: John Wiley & Sons.

2. JOURNAL ARTICLES OR ARTICLES IN A BANK REVIEW:

Geweke, John F., and David E. Runkle. 1995. "A Fine Time for Monetary Policy." *Federal Reserve Bank of Minneapolis Quarterly Review* 19: 18-31.

3. GOVERNMENT PUBLICATIONS:

Statistics Canada. 1983. *Logging: Annual Census of Forestry*. Catalogue No. 25-201.

U.S. Department of Commerce, Bureau of the Census. 1975. *Median Gross Rent by Counties of the United States, 1970*. Prepared by the Geography Division in cooperation with the Housing Division, Bureau of the Census. Washington, DC.

4. NEWSPAPERS:

Sicular, Terry, and Kathleen Hartford. 1989. "China's Looming Rural Crisis." *Asian Wall Street Weekly*. July 3.

5. CHAPTERS IN EDITED BOOKS OR CONFERENCE VOLUMES:

Fafchamps, Marcel. 2001. "The Role of Business Network in Market Development in Sub-Saharan Africa." In *Communities and Markets in Economic Development*, edited by Masahiko Aoki and Yujiro Hayami, 186-214. New York: Oxford University Press.

6. ONLINE BOOKS:

Mäler, Karl-Göran, and Jeffrey R. Vincent, eds. 2005. *Handbook of Environmental Economics, Vol. 3: Economywide and International Environmental Issues*. Amsterdam: Elsevier. <http://www.sciencedirect.com/science/handbooks/15740099> (July 23, 2007).

7. ONLINE JOURNAL ARTICLES: *please use DOI (digital object identifier) or URL*

Caucutt, Elizabeth M., and Krishna B. Kumar. 2008. "Africa: Is Aid an Answer?" *The B.E. Journal of Macroeconomics* 8(1): 1935-1690. doi: 10.2202/1935-1690.1761

Ruffle, Bradley J., and Richard Sosis. 2007. Does it Pay to Pray? Costly Ritual and Cooperation. *B.E. Journal of Economic Analysis and Policy* 7(1): Article 12. <http://www.bepress.com/bejeap/vol7/iss1/art18> (Aug. 7, 2007).

8. INTERNET SITES:

McDonald's Corporation. "Our History." Accessed July 19, 2016. <https://www.mcdonalds.com/us/en-us/about-us/our-history.html>

## Writing an Economics Essay: Starting Points

To start a written assignment, review your professor's instructions and published work written by Economists. Examples of economic writing can be found in the course outline, economic journals, working papers series, and other economic publications.

Two sources that provide information on writing for economics are:

McCloskey, Dierdre N. 2000. *Economical Writing, 2<sup>nd</sup> edition*. Prospect Heights, Illinois: Waveland Press.

Greenlaw, Steven A. 2006. *Doing Economics: A Guide to Understanding and Doing Economic Research*. New York: Houghton Mifflin Co.

## Writing an Economics Essay: Resources

The **Resources Link** on Western University's Department of Economics website (<http://economics.uwo.ca/resources/index.html>) provides a list of sources for published and unpublished economic papers, articles, books, theses, government publications, data, etc.

**DB Weldon Library** has a collection of bibliographies, indexes, handbooks, and periodicals in economics. Library holdings, the online library catalogue, and other resources are available electronically from the Western Libraries Homepage <http://www.lib.uwo.ca/>. These can be accessed off-campus with the OffCampus Proxy Server on the Library main page.

Students are encouraged to take a library orientation tour to learn about where sources of information are located both physically and online. Consult library staff for questions.

*The New Palgrave Dictionary of Economics* is the most comprehensive dictionary of economics in existence today. It is available online through the library catalogue, or in print in the Weldon's Reference section (call # HB 61.N49 2008 v. 1-8).

*EconLit (Economic Literature)* is a comprehensive, indexed electronic bibliography of Economic literature from 1969 to the present. It covers journals, articles in collective volumes (essays, proceedings, etc.), books, book reviews, dissertations, and working papers. It also provides citations, selected abstracts, and links to Western's full-text resources. Students can also print records by downloading marked records to a text file, sending marked records by email, or exporting them to a citation manager such as *Refworks*. *EconLit* is available through the Library's catalogue or list of Databases under "Research Tools" (<http://www.lib.uwo.ca/>).

*Refworks* is a bibliographic and citation software tool that is used to construct citations and reference lists in the author-date and other styles. Search the library catalogue (title search) for *Refworks* using Western's group access code.

**CANSIM (Canadian Socio-economic Information Management System)** is Statistics Canada's computerized database of time series data covering a wide variety of economic aspects of Canadian society. Access the database by a Title Search on the Western Library's

Catalogue, or from the Library's list of Databases found under "Research Tools" on the Library's homepage <http://www.lib.uwo.ca/> .

***Western Undergraduate Economics Review (WUER)***

The Department of Economics encourages students to consider submitting their essays to the *Western Undergraduate Economics Review*, a journal published annually by the Department that showcases student work in economics. For further information, please visit [http://economics.uwo.ca/undergraduate/undergraduate\\_economics\\_review.html](http://economics.uwo.ca/undergraduate/undergraduate_economics_review.html)

## **Alumni Essay Prizes in Economics**

The following criteria will be used:

1. Students can only win an Alumni Prize once.
2. Two prizes may be awarded at the end of the academic term. One for a student registered in a 2100 level course and one for a student registered in a 2200 or higher level course. Each prize is valued at \$550.
3. Economics 4400E is not eligible for this prize as it has its own paper award.
4. Instructors will nominate students for the prize. The paper should be submitted to the Undergraduate Coordinator for consideration by the Essay Prize Committee, which will decide the winner.
5. The Essay Prize Committee will consist of the Undergraduate Program Director, WUER Faculty Advisor and one other faculty member. The decision of the Committee is final and cannot be appeal.
6. Papers will be judged on content, originality, use of references, spelling and grammar.

The grade given to the paper will not influence the decision of the Essay Prize Committee as all comments by the original marker will be removed.

The deadlines for submissions are:

Fall courses: January 1<sup>st</sup>

Winter courses: May 1<sup>st</sup>

***The winner of the essay prize is encouraged to submit their paper to the Western Undergraduate Economics Review. Other appropriate papers may also be submitted.***