

Note:

Course content may be changed, term to term, without notice. The information below is provided as a guide for course selection and is not binding in any form, and should not be used to purchase course materials.

COURSE SYLLABUS

ECON 620 **ECONOMETRICS**

COURSE DESCRIPTION

This course provides students with the application of statistical methods to the testing and estimation of business and economic relationship. Statistical methods applied include basic data analysis, regression analysis, and forecasting.

RATIONALE

Econometrics is a valuable tool in business and economic empirical research. This course presents the theoretical as well as the practical knowledge in econometrics. By acquiring this knowledge, students will have the ability to conduct a sound empirical study.

I. PREREQUISITE

For information regarding prerequisites for this course, please refer to the [Academic Course Catalog](#).

II. REQUIRED RESOURCE PURCHASE

Click on the following link to view the required resource(s) for the term in which you are registered: <http://bookstore.mbsdirect.net/liberty.htm>

III. ADDITIONAL MATERIALS FOR LEARNING

- A. Computer with basic audio/video output equipment
- B. Internet access (broadband recommended)
- C. Blackboard [recommended browsers](#)
- D. Microsoft Office

IV. MEASURABLE LEARNING OUTCOMES

Upon successful completion of this course, the student will be able to:

- A. Approach econometric topics from a biblical perspective. (PLO 1 emphasized)
- B. Organize, manage, evaluate, and prepare data for statistical analysis. (PLO 2 emphasized)
- C. Select appropriate statistical methods based upon research questions and the hypothesis. (PLO 2 emphasized)
- D. Conduct the appropriate statistical analysis, interpret the results and present the findings. (PLO 3 emphasized)

V. COURSE REQUIREMENTS AND ASSIGNMENTS

A. Textbook readings and PowerPoint presentations

B. Course Requirements Checklist

After reading the Course Syllabus and [Student Expectations](#), the student will complete the related checklist found in Module/Week 1.

C. Discussion Board Forums (6)

Discussion boards are collaborative learning experiences. Therefore, the student will be presented with questions in Discussion Board Forums. The student is required to answer 1 question in each forum with at least 1 citation in current APA format. Each Discussion Board Forum thread must be at least 300 words. The student must also reply to 1 classmate's thread and the reply must be at least 150 words.

D. Homework (8)

The student will be required to answer a set of end-of-chapter problems and exercises.

E. Tests (4)

Each test will cover the Reading & Study material for the modules/weeks in which it is assigned. Each test will be open-book/open-notes, contain 30 multiple-choice questions, and have a 2-hour time limit. The student will have one opportunity to complete each test.

VI. COURSE GRADING AND POLICIES

A. Points

Course Requirements Checklist	10
Discussion Board Forums (6 at 30 pts each)	180
Homework (8 at 72.5 pts each)	580
Tests (4 at 60 pts each)	240
Total	1010

B. Scale

A = 940–1010 A- = 920–939 B+ = 900–919 B = 860–899 B- = 840–859
 C+ = 820–839 C = 780–819 C- = 760–779 F = 0–759

C. Quizzes/Tests/Exams

For timed quizzes/tests/exams, the student is required to complete the quiz/test/exam within the assigned time. For the student who exceeds this time limit, a penalty of 1 point will be deducted for each minute, or part thereof, he/she exceeds the assigned time limit.

D. Disability Assistance

Students with a documented disability may contact Liberty University Online's Office of Disability Accommodation Support (ODAS) at LUOODAS@liberty.edu to make arrangements for academic accommodations. Further information can be found at www.liberty.edu/disabilitysupport.

If you have a complaint related to disability discrimination or an accommodation that was not provided, you may contact ODAS or the Office of Equity and Compliance by phone at (434) 592-4999 or by email at equityandcompliance@liberty.edu. Click to see a full copy of Liberty's [Discrimination, Harassment, and Sexual Misconduct Policy](#) or the [Student Disability Grievance Policy and Procedures](#).

COURSE SCHEDULE

ECON 620

Textbook: Hilmer & Hilmer, *Practical Econometrics* (2014).

MODULE/ WEEK	READING & STUDY	ASSIGNMENTS	POINTS
1	Hilmer & Hilmer: chs. 1–3 3 presentations	Course Requirements Checklist	10
		Class Introductions	0
		DB Forum 1	30
		Homework 1	72.5
2	Hilmer & Hilmer: ch. 4 1 presentation	DB Forum 2	30
		Homework 2	72.5
		Test 1	60
3	Hilmer & Hilmer: ch. 5 1 presentation	DB Forum 3	30
		Homework 3	72.5
4	Hilmer & Hilmer: ch. 6 1 presentation	Homework 4	72.5
		Test 2	60
5	Hilmer & Hilmer: ch. 7 1 presentation	DB Forum 4	30
		Homework 5	72.5
6	Hilmer & Hilmer: ch. 9 1 presentation	Homework 6	72.5
		Test 3	60
7	Hilmer & Hilmer: ch. 10 1 presentation	DB Forum 5	30
		Homework 7	72.5
8	Hilmer & Hilmer: ch. 11 1 presentation	DB Forum 6	30
		Homework 8	72.5
		Test 4	60
TOTAL			1010

DB: Discussion Board

NOTE: Each course module/week begins on Monday morning at 12:00 a.m. (ET) and ends on Sunday night at 11:59 p.m. (ET). The final module/week ends at 11:59 p.m. (ET) on Friday.