

Date Submitted: 02/25/19 3:01 pm

# Viewing: **ECONPH : Economics, Doctor of Philosophy**

Last approved: 02/16/18 9:49 am

Last edit: 02/26/19 10:21 am

Changes proposed by: kboston

Catalog Pages Using  
this Program  
[Economics \(ECON\)](#)

Submitter: User ID: **kboston Hkuleza** Phone:  
**4622 7456**

Program Status Active

Academic Level Graduate

Type of proposal Major/Field of Study

Select a reason for this modification

Making Minor Changes to an Existing Degree (e.g. changing 15 or fewer hours, changing admission/graduation requirements, adding/changing Focused Study or Track)

Are you adding a concentration?

No

Are you adding a track?

No

Are you adding a focused study?

No

Effective Catalog Year Fall 2019

College/School Code

Walton College of Business(WCOB)

## In Workflow

1. WCOB Dean Initial
2. GRAD Dean Initial
3. Director of Program Assessment and Review
4. Registrar Initial
5. Institutional Research
6. ECON Chair
7. WCOB Curriculum Committee
8. WCOB Faculty
9. WCOB Dean
10. Global Campus
11. Provost Review
12. University Course and Program Committee
13. Graduate Committee
14. Faculty Senate
15. Provost Final
16. ADE Licensure Approval
17. Provost's Office-- Notification of Approval
18. Registrar Final
19. Catalog Editor Final

## Approval Path

1. 02/25/19 3:03 pm  
Karen Boston  
(kboston):  
Approved for WCOB  
Dean Initial

## Department Code

Department of Economics(ECON)

## Program Code

ECONPH

## Degree

Doctor of Philosophy

## CIP Code

2. 02/25/19 3:10 pm  
Pat Koski (pkoski):  
Approved for GRAD  
Dean Initial
3. 02/26/19 10:21 am  
Alice Griffin  
(agriffin): Approved  
for Director of  
Program  
Assessment and  
Review
4. 03/01/19 7:42 am  
Lisa Kulczak  
(lkulcza): Approved  
for Registrar Initial
5. 03/01/19 8:25 am  
Gary Gunderman  
(ggunderm):  
Approved for  
Institutional  
Research
6. 03/01/19 8:43 am  
Raja Kali (kali):  
Approved for ECON  
Chair
7. 03/01/19 8:55 am  
Karen Boston  
(kboston):  
Approved for WCOB  
Curriculum  
Committee
8. 03/01/19 8:55 am  
Karen Boston  
(kboston):  
Approved for WCOB  
Faculty
9. 03/01/19 8:56 am  
Karen Boston  
(kboston):

- Approved for WCOB  
Dean
10. 03/01/19 4:32 pm  
Miran Kang (kang):  
Approved for Global  
Campus
11. 03/07/19 7:52 am  
Terry Martin  
(tmartin): Approved  
for Provost Review
12. 03/18/19 10:56 am  
Alice Griffin  
(agriffin): Approved  
for University  
Course and Program  
Committee
13. 04/18/19 4:44 pm  
Pat Koski (pkoski):  
Approved for  
Graduate  
Committee

## History

1. Jun 9, 2015 by Lisa  
Kulczak (lkulcza)
2. May 25, 2017 by  
Karen Turner  
(kvestal)
3. Jun 2, 2017 by  
Charlie Alison  
(calison)
4. Feb 16, 2018 by  
Charlie Alison  
(calison)

45.0601 - Economics, General.

Program Title

Economics, Doctor of Philosophy

Program Delivery

Method

On Campus

Is this program interdisciplinary?

No

Does this proposal impact any courses from another College/School?

No

What are the total **72 39**  
hours needed to  
complete the  
program?

## Program Requirements and Description

### Requirements

**Prerequisites to Degree Program:** Students may enter the program directly from a bachelor's degree or a master's degree program. Applicants for graduate studies in economics must meet the requirements of the Graduate School of Business and be accepted by the Department of Economics. The requirements are (1) a bachelor's degree from an accredited institution with a satisfactory grade-point average, (2) a satisfactory score on the Graduate Record Examinations (GRE), and (3) satisfactory performance in the following courses: intermediate microeconomics, intermediate macroeconomics, statistics, two semesters of calculus, and linear algebra. Students from all academic backgrounds are encouraged to apply.

~~Requirements for the Doctor of Philosophy Degree: The doctoral program consists of Core requirements Candidacy Field Examination Dissertation Final Examination~~ **Core Requirements:** All doctoral **students candidates** must satisfactorily complete the **72 39**-hours of **required courses including a graduate seminar each semester they are on graduate assistantships.** ~~course work listed below.~~

### Required Courses

<u><a href="#">ECON 6133</a></u> Mathematics for Economic Analysis	3
<u><a href="#">ECON 6213</a></u> Microeconomic Theory I	3
<u><a href="#">ECON 6223</a></u> Microeconomic Theory II	3
<u><a href="#">ECON 6313</a></u> Macroeconomic Theory I	3
<u><a href="#">ECON 6323</a></u> Macroeconomic Theory II	3
<u><a href="#">ECON 6613</a></u> Econometrics I	3
<u><a href="#">ECON 6623</a></u> Econometrics II	3
<u><a href="#">ECON 6633</a></u> Econometrics III	3
<u><a href="#">ECON 6713</a></u> Industrial Organization I	3
<u><a href="#">ECON 6723</a></u> Industrial Organization II	3
<u><a href="#">ECON 6833</a></u> International Development I	3

<u>ECON 6843</u> International Development II	3
<u>ECON 6913</u> Experimental Economics	3
<u>WCOB 6111</u> Seminar in Business Administration Teaching I (Students on assistantship must enroll in WCOB 6111. Other students may enroll in an additional hour of ECON 643V or ECON 644V in lieu of WCOB 6111)	1
Research Requirements Students must register for at least one hour of graduate seminar (ECON 643V/ECON 644V) each semester they are in residence and for three hours of ECON 643V the summer following their first year in the program	
<u>ECON 636V</u> Special Problems in Economics	3
<u>ECON 643V</u> Seminar in Economic Theory and Research I	7
<u>ECON 644V</u> Seminar in Economic Theory and Research II	4
Dissertation Hours *	
<u>ECON 700V</u> Doctoral Dissertation	18
Total Hours	72

### Candidacy Examinations

All students must pass a Candidacy Exam which consists of two components.

~~Students must also register for graduate seminar each semester they are in residence. Students must have a 3.00 cumulative grade point average in order to graduate. If at any point, a student's cumulative GPA falls below a 3.00 the student will be placed on academic probation. A student with a cumulative GPA below 3.00 for two consecutive semesters will be dismissed from the program. Note: The foregoing requirements are for students who enter the doctoral program directly from undergraduate school. Students whose qualifications exceed the baccalaureate will be evaluated individually in accordance with standards established by the Graduate School and the Walton College of Business. Students who have earned a master's degree in economics at the University of Arkansas or elsewhere may have substantially shorter programs.~~ **Comprehensive Examinations: The first component entails** ~~Students must pass~~ written **Comprehensive Examinations** ~~examinations~~ in microeconomics and macroeconomics. These exams will normally be **taken given** in the summer after a student's first year in the program. Each exam has three possible grades: Pass, Marginal Pass, and Fail. Students must earn **at least a Marginal Pass** on **one of the both** exams and **at least a Marginal Pass on the other exam. in at least one of the exams.** A student will normally have two opportunities to pass each **Comprehensive Examination, exam** with the second opportunity typically occurring in **that January following the first attempt. January.** If a student's exam scores are not satisfactory, all exams for which a grade of Pass was not earned must be retaken. Only the most recent grade will be used in determining if this requirement has been met. ~~Students will normally have only two attempts to pass the candidacy exams.~~ Failure to successfully complete this requirement will result in a student being dismissed from the program.

~~Field Examination: Ph.D.~~ **The second component is a Field Examination. Students complete** ~~students will have~~ two fields of **study within economics, study,** which will normally be a) Industrial Organization and b) International Macroeconomics and Development. Other fields are possible with the approval of the Director of **Graduate Doctoral** Studies. A field will consist of 6 hours of specialized courses (numbered 6000 or above). Students will select one of their two fields as a major field and must pass a Field **Exam Examination** in that area. The Field **Exam Examination** requirement is satisfied by a research paper on a topic in the student's field of

**specialization.** ~~specialization that is approved by the student's adviser.~~ The paper **is to** ~~will typically~~ be completed **by** ~~after~~ the **end of** ~~student completes~~ the **required field courses** ~~(typically in the summer following the~~ ~~after the~~ student's second **year during which the student completes the required field courses.** ~~year).~~ The **field** paper topic must be approved by the student's advisor and registered with the Director of Graduate Studies. **The Field Examination** ~~This requirement~~ is **satisfactorily fulfilled** ~~completed~~ when the student's adviser approves the completed paper. When feasible, the paper will be presented at a departmental seminar before it is approved by the student's **adviser or soon after.** ~~adviser.~~ **Dissertation:Failure** ~~The dissertation represents a demonstration of a candidate's ability~~ to **successfully select, define, organize, and** complete **this requirement** ~~will result in a student being dismissed from the program.~~ ~~a major research project.~~

**After passing the Candidacy Examination, doctoral students are required to be enrolled in a minimum of one hour of graded graduate coursework or dissertation credit each semester (Fall and Spring) while on graduate assistantship.**

**Dissertation\***

**The dissertation demonstrates a student's ability to select, define, organize, and complete a major research project.** It should **validate** ~~demonstrate~~ that the student has technical mastery of the field, is capable of doing independent scholarly research, and is able to formulate conclusions that enlarge the body of economic knowledge. Dissertation requirements include (1) a defense of proposal and (2) completion of an acceptable doctoral dissertation. Students must enroll in a total of 18 hours of dissertation credit.

**Final Examination:Final Examination**

The final examination is normally an oral defense of the student's dissertation.

Are Similar Programs available in the area?	
No	
Estimated Student Demand for Program	na
Scheduled Program Review Date	<b>2021-2022</b> <del>na</del>
Program Goals and Objectives	
<b>Program Goals and Objectives</b>	

### Program Goals and Objectives

**COMMUNICATION** Graduates of the PhD in (ECON/BA) program at the Sam M. Walton College of Business will be able to communicate scholarly research.

**CRITICAL THINKING/PROBLEM SOLVING** Graduates of the PhD in (ECON/BA) program at the Sam M. Walton College of Business will contribute knowledge through original research.

**TECHNICAL COMPETENCE (Discipline Knowledge)** Graduates of the PhD in (ECON/BA) program at the Sam M. Walton College of Business will possess deep knowledge in their areas of specialization.

**TEACHING** Graduates of the PhD in (ECON/BA) program at the Sam M. Walton College of Business will employ quality teaching principles and practices. ~~na~~

### Learning Outcomes

#### Learning Outcomes

**Learning Objective 1 (Written Communication):** Students will demonstrate proficiency in academic writing conventions.

**Learning Objective 2 (Oral Communication):** Students will present research findings effectively.

**Learning Objective (CTPS):** Students will demonstrate ability to develop and conduct original research.

**Learning Objective 1 (TCDK):** Students will demonstrate ability to articulate discipline's main theories and foundational literature. **Learning Objective 2 (TCDK):** Students will demonstrate deep knowledge of discipline's research methods.

**Learning Objective 1:** Students will demonstrate the development of pedagogically sound courses.

**Learning Objective 2:** Students will demonstrate effective teaching practices. **Process for Assessing each Student Learning Outcome** The Sam M. Walton College of Business' specialized accreditation through th ~~na~~

### Description and justification of the request

**Description of specific change**

**Justification for this change**

Description of specific change	Justification for this change
<ul style="list-style-type: none"> <li>- Modified text describing the program and prerequisites to the program</li> <li>- Deleted text related to requirements for the doctor of philosophy degree (core requirements, candidacy, field examination, dissertation, final examination)</li> <li>- Deleted core requirements text</li> <li>- Added WCOB 6111, Seminar: Business Administration Teaching I (1 hour)*</li> <li>* Students on assistantship must enroll in WCOB 6111. Other students may enroll in an additional hour of ECON 643V or ECON 644V in lieu of WCOB 6111 to the Required Courses and modified required courses from 39 hours to 40 hours</li> <li>- Added/Clarified 14 hours of Research Requirements ECON 636V Special Problems in Economics (3 hours) ECON 643V Seminar in Economic Theory and Research I (7 hours) ECON 644V Seminar in Economic Theory and Research II (4 hours) Students must register for at least one hour of graduate seminar (ECON 643V/ECON 644V) each semester they are in residence and for three hours of ECON 643V the summer following their first year in the program</li> <li>- Changed the language from comprehensive examinations to candidacy examinations</li> <li>- Combined field examination requirement with candidacy examination requirements</li> <li>- Clarified total hour requirements</li> <li>- Clarified minimum of 72 graduate hours beyond the bachelors and 42 graduate hours beyond the master's degree.</li> </ul>	<p>To align and clarify PhD program requirements to meet ADHE standards.</p>

Upload attachments

Reviewer Comments

**Alice Griffin (agriffin) (02/26/19 10:08 am):** Changed type of proposal from minor to major field of study. The reason for the modification demonstrates that the request is a minor change to a major field of study.

**Alice Griffin (agriffin) (02/26/19 10:13 am):** Entered program goals and student learning outcomes on behalf of the department.

**Alice Griffin (agriffin) (02/26/19 10:20 am):** Entered the scheduled program review date.

**Alice Griffin (agriffin) (02/26/19 10:21 am):** Effective fall 2019 pending successful completion of approval process.