

# BUSINESS: INSURANCE ECONOMICS AND ACTUARIAL ANALYTICS, PHD

## REQUIREMENTS

### MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum degree requirements (<https://guide.wisc.edu/graduate/#requirementstext>) and policies (<https://guide.wisc.edu/graduate/#policiestext>), in addition to the program requirements listed below.

### MAJOR REQUIREMENTS

#### MODE OF INSTRUCTION

Face to Face	Evening/Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	No

#### Mode of Instruction Definitions

**Accelerated:** Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

**Evening/Weekend:** Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

**Face-to-Face:** Courses typically meet during weekdays on the UW–Madison Campus.

**Hybrid:** These programs combine face-to-face and online learning formats. Contact the program for more specific information.

**Online:** These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

### CURRICULAR REQUIREMENTS

Requirement Detail	
Minimum Credit Requirement	51 credits
Minimum Residence Credit Requirement	33 credits
Minimum Graduate Coursework Requirement	26 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: <a href="https://policy.wisc.edu/library/UW-1244">https://policy.wisc.edu/library/UW-1244</a> ( <a href="https://policy.wisc.edu/library/UW-1244/">https://policy.wisc.edu/library/UW-1244/</a> ).

Overall Graduate GPA Requirement	3.20 GPA required.
Other Grade Requirements	n/a
Assessments and Examinations	Doctoral students are required to pass a comprehensive preliminary examination after they have cleared their record of all Incomplete and Progress grades (other than research and thesis). An additional oral component is also required for all doctoral students. Deposit of the doctoral dissertation in the Graduate School is required.
Language Requirements	There are no curricular language requirements for Business PhD students.
Graduate School Breadth Requirement	A doctoral minor or graduate/professional certificate is not required; breadth is achieved in other ways.

### REQUIRED COURSES

The course sequence is customized to fit each student's unique research interests and background. During your first two years of study, you will work with a PhD faculty advisor to set an appropriate course sequence, consisting of a combination of courses within the School of Business and a set of advanced courses that form a coherent package and enhance your research skills from outside of the School of Business. In addition to the required courses listed below, all PhD students are required to participate in the Teaching Improvement Program and Graduate Assistant Equity Workshop.

Code	Title	Credits
<b>Economic Theory Requirement</b>		
Select one of the following sequences:		6
ECON 711 & ECON 713	Economic Theory-Microeconomics Sequence and Economic Theory: Microeconomics Sequence	
ECON 712 & ECON 714	Economic Theory-Macroeconomics Sequence and Economic Theory; Macroeconomics Sequence	
<b>Econometrics Requirement</b>		
Select one of the following sequences:		6-8
A A E 636 & A A E 637	Applied Econometric Analysis I and Applied Econometric Analysis II	
ECON 709 & ECON 710	Economic Statistics and Econometrics I and Economic Statistics and Econometrics II	
STAT 849	Advanced Statistical Methods	
and an additional STAT course to be selected with advisor approval		
<b>Other Requirements</b>		
GEN BUS 933	Beginning a Research Career in Business	1
R M I 765	Contemporary Topics (Current Topics: RMI)	3

R M I 920	Seminar in Actuarial Science, Risk Management & Insurance I	3
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**Breadth Requirement**

During the first two years of study, students work with a PhD faculty advisor to set an appropriate course sequence, consisting of a combination of courses within the School of Business and a set of advanced courses that form a coherent package and enhance research skills from outside of the School of Business.	6
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**Additional Coursework**

This could include the following courses: R M I 990, R M I 999 and other non-research coursework decided with their advisor.	24-26
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<b>Total Credits</b>	<b>51</b>
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