

**Department of Accounting  
Overview of Doctoral Program  
Updated July 2020**

The doctoral program in accounting at Indiana University's Kelley School of Business is designed to prepare students for academic careers at research universities. Typically, two to three students are admitted to the program each year and the program requires five years to complete. Most students complete their coursework during the first two and a half years and take a comprehensive accounting exam after completing the second year of coursework. Students have the opportunity to work with faculty and other doctoral students on research papers that are generally targeted at top journals, with the goal of having several research papers in progress before graduation. During the third and fourth years of the program, students develop a dissertation and aim to interview for academic placement at other universities during their fifth year in the program. See Appendix A for recent graduates and their placements.

Contingent on making satisfactory progress in the program, students receive a financial stipend (i.e., fellowship), tuition waiver, and health insurance. Satisfactory progress includes, but is not limited to, timely and satisfactory completion of required coursework, timely and satisfactory completion of summer research papers, attendance at research workshops, and satisfactory performance in research and teaching assignments. To earn the fellowship during the first four years of the program, students are required to teach the equivalent of two 3-credit hour classes and serve as research assistants for tenure-track faculty in non-teaching semesters. To obtain fifth-year funding, students are required to serve as a teaching assistant for an upper-level accounting course that the student will likely teach in the future.

### **Course Work**

Accounting research can be characterized by the research question and the research method used to address the question. Most commonly one of three methods is used: analytical, archival, or experimental. Analytical research consists primarily of building mathematical models, normally with the goal of generating propositions, predictions, or hypotheses. Archival and experimental research typically involve developing hypotheses and testing them by collecting and analyzing data. Archival research collects and analyzes data drawn from existing data sources; experimental research collects and analyzes data gathered from controlled experiments or, in some cases, surveys.

The faculty at IU-Bloomington has expertise in addressing research questions in the areas of financial accounting, auditing, managerial accounting, and tax accounting, and has expertise in the experimental and archival research methods. Consequently, the doctoral-level accounting curriculum offers courses based primarily on either the archival or experimental research methods. See Appendix B for a list of accounting faculty and their research interests.<sup>1</sup>

---

<sup>1</sup> Although no senior accounting faculty on the Bloomington campus conduct analytic research per se, often hypothesis development for experimental and archival research involves analytic methods. Consequently, accounting doctoral students attend courses that cover and illustrate these methods. Further, for those students who develop a special interest in analytic accounting research, two members of the accounting faculty on the Indianapolis campus have established strong analytic research records.

The required doctoral coursework includes classes in: (1) research methodology and analysis (9 credit hours), (2) a major (18 credit hours), (3) a minor (typically 9 credit hours), and (4) a teaching development seminar (1.5 credit hours).<sup>2</sup> All accounting doctoral students major in accounting and must complete all accounting research seminars, as well as a required teaching development seminar. Accounting doctoral students pursuing the archival track normally establish a minor in finance, and students pursuing the experimental track normally establish a minor in psychology. Other minors may be approved after consultation with the Chair of the Accounting Doctoral Policy Committee (ADPC). All students should develop a strong foundation in economics. The research methodology courses are chosen to support the major and minor. Appendix C contains suggested schedules for students following the archival or experimental tracks for students entering the program beginning after Fall 2020. Students develop a plan for coursework prior to beginning the program and submit the plan to the Chair of the ADPC for approval just prior to the start of the first semester.

### **Summer Papers**

During the first two summers in the program, students select a faculty supervisor and write a research paper. Students should identify a broad research topic and obtain approval from their faculty early in the year to allow sufficient time for execution. Students are required to present papers to the faculty late summer or early fall. Due dates will be specified in subsequent communications.

After consultation with the faculty supervisor and potentially other faculty members in the department, the ADPC evaluates the student's summer paper presentation of the paper to the accounting department. The ADPC then informs the student whether the paper and presentation were satisfactory or unsatisfactory. A satisfactory rating is provided unless the student does not complete the summer paper and presentation requirements, which differ across the first and second years (see below). Students that do not complete the requirements for their stage in the program will be required to perform additional work to meet those requirements. If the student's performance is well below expectations, they will be dismissed from the program.

The first-year summer paper requires an in-depth literature review and research proposal, which identifies a research question, a set of testable hypotheses, and a research design. Archival students should design a basic set of tables and describe the expected results. Experimental students should design a picture of and describe expected results. Data collection and analysis is not required, but data may be collected at the discretion of the student. All first-year students are required to present completed papers during a 45-minute departmental workshop. A satisfactory presentation has well-organized slides that convey the paper's research question(s), motivation, background,

---

<sup>2</sup> The Kelley School of Business (KSB) requires doctoral students to demonstrate a graduate-level working knowledge of their major area in completion of Phase I requirements, 36 hours of Phase II coursework, and 24 hours of Phase III dissertation credit (90 total credit hours). Students who have earned a graduate degree prior to entering a KSB doctoral program are waived from Phase I coursework. Phase II coursework includes the research methodology, major, and minor courses described above. See the "PhD Academic Handbook" published by the Kelley School of Business for additional details.

research design, etc. Additionally, the student should speak clearly and answer most questions posed by the audience throughout the presentation.

The second-year summer paper is an original piece of research with a research question, a set of testable hypotheses, a research design, and data analysis for archival studies or development of the experimental materials for experimental students. All second-year students are required to present completed papers during a 60-minute departmental workshop. Although data collection is required for archival papers, satisfactory completion of the paper is not contingent on obtaining statistically significant results. Although tests should be designed with sufficient power to detect effects if they exist, research carries inherent risk that hypothesized effects do not exist, or cannot be detected. The attributes of a satisfactory second year presentation are the same as those for a first-year presentation.

### **Comprehensive Exam**

To enter Phase III of the doctoral program, i.e., “candidacy,” students are required to pass a comprehensive accounting exam.<sup>3</sup> Comprehensive exams are offered after students complete their second year of coursework. The exam is generally taken in May/June after the student’s second year in the program (see Appendix B). The exam comprises two Parts: Part I consists of a written exam that includes four comprehensive questions; Part II consists of a review of an unpublished working paper related to the student’s research method track (i.e., archival or experimental). The student must pass both Parts of the exam.

To pass Part I of the exam the student must obtain passing scores for each question. Part II of the exam will be graded by at least one faculty member with expertise in the student’s research method track (i.e., archival or experimental). Students failing any part of the comprehensive exam can re-take the exam one additional time, typically in May/June of the student’s third year.

### **Dissertation**

Dissertations involve four stages.

#### Stage 1 – Development of Dissertation Idea

Students develop a dissertation idea and choose a dissertation chair. At that time, they also submit a description of the dissertation to the Chair of the ADPC. This document includes a discussion of the research question, the motivation and expected contribution of the paper, related hypotheses, and the method by which the research question will be investigated, including sources for data or experimental participants. Students are required to present their dissertation idea in a 60-minute presentation to the accounting faculty by the end of the spring semester of their fourth year.

#### Stage 2 – Defense of the Dissertation Proposal

After successful completion of the brown bag or workshop presentation of the dissertation idea (successful completion to be determined between the student and dissertation chair), students form

---

<sup>3</sup> During Phase III the student officially becomes a doctoral program “candidate” and concentrates primarily on the completion of their dissertation. See the “Academic Handbook for Doctoral Candidates in Business” published by the Kelley School of Business for further details regarding Phase I, II, and III of the Kelley doctoral program.

a dissertation committee with input from the dissertation chair. Stage 2 is complete when the student successfully defends the dissertation proposal in front of the dissertation committee and two outside faculty members appointed by the Chair of the Kelley School of Business Doctoral program.<sup>4</sup> Stage 2 should be completed at the beginning of the student's fifth year in the program.

### Stage 3 – Accounting Workshop Presentation

To prepare to interview for academic positions, students present their “job market paper” in an accounting workshop in the Fall semester of their terminal year of the program. Students are also encouraged to attend the AAA Accounting PhD Rookie Recruiting and Research Camp (“Rookie Camp”) in early December, where they have the opportunity to present their “job market papers” to accounting department representatives from many universities. Campus interviews, which involve traveling to prospective schools to meet accounting faculty and present research, normally take place during January, February, and March of the fifth year.

### Stage 4 – Final Defense of the Dissertation

Students complete a formal defense of their final dissertation in front of their dissertation committee. The “final defense” typically occurs in the spring of or summer following the fifth year in the doctoral program.

## **Research Assistant Assignments**

To prepare for research careers, doctoral students engage in research activities throughout the program. To receive financial support in non-teaching semesters, students work as research assistants for research-active faculty during the first four years of the program. Each academic year students are assigned to work with faculty members based on common research interests and methods. These assignments are intended to provide students the opportunity to participate in all stages of the research process, ideally resulting in co-authored research with accounting faculty. However, during the first semester of the doctoral program, research assistantships typically introduce students to a particular area of research (e.g., sub-topics in archival financial or tax research) and/or the research process. Students are expected to work on research-related activities for the assigned faculty member for approximately 10 hours per week in non-teaching semesters.

## **Accounting Research Workshops and “Brown Bags”**

The Accounting Department holds research workshops during the fall and spring semesters. These workshops involve presentations and discussions of unpublished research by researchers from other universities, faculty recruits, and IU faculty and doctoral students. When speakers are featured from other universities, doctoral students take them to lunch, which provides students opportunities to interact with researchers both in and outside of their chosen research areas. “Brown bags” consist of informal presentations about early-stage research by IU faculty or doctoral students, usually held during lunch time. The workshops and “brown bags” play a key

---

<sup>4</sup> See the “PhD Academic Handbook” published by the Kelley School of Business for a complete description of the dissertation proposal defense and requirements for the composition of the dissertation committee as well as a complete description of the Kelley School's doctoral program policies.

role in the development of doctoral students' research expertise, so we require students to attend and actively participate in these events.

### **Teaching Experience**

Effective teaching is an important part of a successful academic career. All doctoral students must complete a 1.5-credit hour teaching development seminar either prior to or concurrent with their first teaching assignment at Indiana University. Accounting doctoral students are required to teach the equivalent of two 3-credit hour courses during the first four years of the program. To meet these requirements, doctoral students are normally assigned to teach small-group (approximately 30 students) discussion sessions of introductory financial and/or managerial accounting under the supervision of faculty members who teach the primary lectures. Subject to availability of specific courses, doctoral students may teach summer lecture sections of introductory financial or managerial accounting or upper-division courses (i.e., 300-level accounting courses). In these cases, doctoral students work with faculty teaching these courses to develop syllabi and teaching plans. To obtain fifth-year financial support, doctoral students are required to serve as teaching assistants for an upper-level accounting course the student intends to teach during their academic career.

### **Satisfactory Progress**

Students are expected to maintain "satisfactory progress" throughout the program. Satisfactory progress includes a 3.5 grade point average, or higher, across Accounting seminars. Further, students can earn no grade less than B-. Students must also timely and satisfactorily complete their first and second year summer papers, pass the comprehensive accounting examination on the first or second attempt, timely and satisfactorily complete a dissertation, demonstrate acceptable performance as a research assistant and in the classroom, and actively participate in the research workshops and "brown bags."

Students submit an annual report to the ADPC at the end of each academic year. The annual report summarizes student performance with respect to coursework, research and teaching assignments, workshops, and summer papers. It also identifies plans for the coming year and revisions to the planned coursework for approval by the ADPC. In May/June each year the ADPC holds an annual performance evaluation meeting with each student to discuss past performance and to identify goals for the coming year.

Violations of ethics and/or standard codes of conduct will not be tolerated. The consequences of "unsatisfactory" progress or such violations can include withdrawal of funding and possibly expulsion from the program.

## **Additional Scholarships and Fellowships**

In addition to the stipend provided by the Kelley School of Business, there are other sources of funds for doctoral students. All of these sources are subject to availability and satisfactory progress in the program.

The Accounting Department provides funds to the Accounting Doctoral Student Fellowship fund. Each doctoral student will receive a \$1,500 fellowship upon successfully completing a dissertation proposal by December 31 of the fifth year of the program.

Outside accounting scholarships and fellowships also are available, most notably the Deloitte fellowship. Most of these scholarships and fellowships require applications that are submitted by the Accounting Department or the Chair of the ADPC.

There are other opportunities for scholarships and fellowships provided by the Kelley School of Business. Interested students can inquire at the Doctoral Programs Office. <http://www.kelley.iu.edu/doctoral/>.

## **Research and Teaching Support (RATS) Accounts**

The Accounting Department provides each doctoral student with a research and teaching supplement. The amount of the supplement varies depending on the department's budget and will be at least \$500 per year for each student for student's entering Fall 2020. Students may use these funds for travel expenses, books, journal subscriptions, association fees, and other program-related expenses.

## **Additional Research Support**

The KSB Doctoral Program Office program awards additional fellowship money to students who demonstrate superior research productivity relative to their peers. The Chair of the ADPC nominates several recipients each spring, but the Chair of the KSB Doctoral Program Office selects the recipients of these awards. The amount of funding provided varies each year but is usually \$1,000 or more.

The IU Graduate School, KSB Doctoral Program Office, and Accounting Department provide assistance with expenses incurred related to a dissertation. For example, the Graduate School provides two Grant-in-Aid competitions per year for up to \$1,000 to cover expenses related to dissertations. The most common costs are those associated with administering experiments. Other costs can include data bases not currently subscribed to by KSB or the university.

The Accounting Department also maintains a human participant pool. Doctoral students who wish to use this pool for dissertation or other research should contact the faculty member in charge of the participant pool. Students using human participants must be sponsored by a faculty member, pass a test on human participant protocol, and apply for approval of the research project from the University's Human Subject Committee. See <http://researchadmin.iu.edu/cs-humsub.html> for further details.

## **Travel Support**

Doctoral students are encouraged to participate in conferences, especially those conferences that include a doctoral consortium. To encourage such participation, each student is allotted a travel budget of \$1,000 each year for the first five years of their program in addition to the annual RATS allocation described earlier. These travel funds should be used by doctoral students to attend mid-year meetings in their area of research (financial, managerial, audit or tax) because these meetings typically are preceded by one-day doctoral consortia. We view mid-year meetings as more beneficial than the annual meeting of the American Accounting Association (AAA).

There are other opportunities for travel during the program that may be paid by the Accounting Department:

- (1) The ADPC annually selects one doctoral student to attend the AAA Doctoral Consortium. The fee is paid by the Accounting Department.
- (2) The ADPC usually selects one doctoral student to attend the biennial FASB Conference. Travel costs not covered by the FASB are covered by the Accounting Department.
- (3) The annual Midwest Accounting Research Conference is within driving distance of Indiana University in June each year. To encourage participation, the Accounting Department pays for hotel costs (one or two nights) and meals are covered by the host university. The Accounting Department does not cover transportation costs.
- (4) For presentations of research work, the Accounting Department will cover expenses only if a doctoral student has a sole-authored paper accepted at one of the following journal-hosted conferences – *Contemporary Accounting Research*, *Journal of Accounting and Economics*, *Journal of Accounting Research*, *Review of Accounting Studies*, *Accounting, Organizations and Society* – and only if the hosting journal does not cover the cost of travel and lodging.

## **Office Assignments**

The Kelley Doctoral Program Office assigns first-year students to cubicles in the doctoral student suites on the 7<sup>th</sup> floor of the Kelley School of Business. These offices provide a place to study and interact with doctoral students in other areas of business. Space-permitting, students may be assigned cubicle space in the accounting suite on the 5<sup>th</sup> floor.

**Appendix A**  
**Recent Accounting PhD Program Graduates**

The doctoral program in accounting has an excellent placement record.  
Listed below are the placements since 2000.

<b>Name</b>	<b>Year Graduated</b>	<b>Initial Academic Placement</b>
Junwei Xia	2020	Texas A&M University
Yoon Hoo Kim	2019	Hong Kong Baptist University
Dan Way	2019	Clemson University
Jessica Watkins	2018	University of Notre Dame
Eric Holzman	2017	Ohio State University
Amy Sheneman	2017	Ohio State University
Barrett Wheeler	2017	Tulane University
Spencer Anderson	2016	University of Illinois
Michelle Hutchens	2016	University of Illinois
Jane Barton	2015	Baruch College
Nathan Marshall	2015	University of Colorado – Boulder
Ken House	2014	Belmont University
Gabby Wang	2013	SUNY – Buffalo
Devon Erickson	2013	Northeastern University
Adam Esplin	2012	University of Alberta
David Wood	2009	Brigham Young University
Kris Allee	2008	Michigan State University
Wei Hwa Chua	2008	Nanyang Technical University (Singapore)
Mary Billings	2007	New York University
Darius Fatemi	2007	University of Denver
Melissa Lewis	2007	University of Utah
David Upton	2006	University of North Carolina – Greensboro
Craig Nichols	2005	Cornell University
Michael Williamson	2005	University of Texas at Austin
Matt Wieland	2005	University of Georgia
Lynette Wood	2003	Virginia Tech
Michael Kimbrough	2002	Harvard University
Ivo Jansen	2001	Georgetown University
Nathan Stuart	2001	University of Florida
Frank Hodge	2000	University of Washington





### Appendix B – Accounting Department Faculty List

<b>Faculty Name</b>	<b>Title</b>	<b>Degree Year</b>	<b>Degree Institution</b>	<b>Research Interests</b>
Beneish, M. Daniel.	Professor	1987	University of Chicago	Financial / archival
Bhaskar, Lori	Assistant Professor	2014	Georgia Tech University	Audit / experimental
Brown, Jason	Associate Professor	2009	University of Pittsburgh	Managerial / experimental
Burke, Joseph	Assistant Professor	2018	University of Illinois	Managerial / experimental
Gopalan, Yadav	Assistant Professor	2018	Washington University	Financial / archival
Hodder, Leslie D.	Professor	2001	University of Texas at Austin	Financial / archival
Hopkins, Patrick E.	Professor	1995	University of Texas at Austin	Financial / experimental
Maines, Lauren A.	Professor	1990	University of Chicago	Financial, managerial / experimental
McMullin, Jeffrey	Assistant Professor	2013	University of Southern California	Financial / archival
Merkley, Kenneth	Associate Professor	2011	University of Michigan	Financial / archival
Miller, Brian	Professor	2008	Pennsylvania State University	Financial / archival
Michele Mullaney	Assistant Professor	2020	University of North Carolina – Chapel Hill	Tax / archival
Pacelli, Joseph	Assistant Professor	2015	Cornell University	Financial / archival
Rego, Sonja	Professor	1999	University of Michigan	Tax / archival
Sauciuc, Ashley	Assistant Professor	2019	University of Arizona	Managerial/ experimental
Schroeder, Joseph	Associate Professor	2013	Michigan State University	Auditing/archival
Shepardson, Marcy	Associate Professor	2011	University of Texas at Austin	Audit / archival
Sinha, Raj	Assistant Professor	2019	University of Washington	Financial/experimental
Sprinkle, Geoffrey	Professor	1996	University of Iowa	Managerial / experimental
Stomberg, Bridget	Associate Professor	2013	University of Texas at Austin	Tax / archival
Tseng, Ayung	Assistant Professor	2015	Columbia University	Financial / archival
Wahlen, James M.	Professor	1991	University of Michigan	Financial / archival
Williams, Brian	Assistant Professor	2015	University of Oregon	Tax / archival
Young, Donnie	Assistant Professor	2013	Emory University	Financial, audit / experimental

## Appendix C

### Suggested\* Plan for Coursework for Archival Track Students with a Finance Minor

*Prerequisite courses that may be necessary for students without strong math / statistics backgrounds:*

M211 – Calculus I (4.0 credit hours)
M212 – Calculus II (4.0 credit hours)
M303 – Linear Algebra (3.0 credit hours; useful for Econometrics, G651 and G652)

#### Year 1

*Attend Accounting Doctoral Student Orientation*

##### Fall Semester

##### Spring Semester

ECO M500 – Analytical Methods in Econ (3.0)	X611 – Statistics for Research II (3.0)
G750 – Economic Modeling (3.0)	A601A – Capital Markets (3.0)
A602A – Experimental Research (3.0)	G652 – Econometrics II (3.0)
G651 – Econometrics I (3.0)*	

*First Year Summer Paper: Must be turned in to Chair of ADPC by date in August to be specified*

#### Year 2

##### Fall Semester

##### Spring Semester

A602B – Experimental Research (3.0)	A601B – Capital Markets (3.0)
A603B – Special Topics in Accounting (3.0)	G752 – Information Economics (1.5)
F600 – Asset Pricing Theory (3.0)	F605 – Corporate Finance (3.0)
X630 – Teaching Development (1.5)	F625 – Empirical Asset Pricing (3.0)
<b>Teach 3 hours of A201 or A202**</b>	G751 – Game Theory (1.5)
	Comprehensive Exam (May / June)

*Second Year Summer Paper: Must be turned in to Chair of ADPC by date in September to be specified*

#### Year 3

##### Fall Semester

##### Spring Semester

A603A – Special Topics in Accounting (3.0)	<b>Teach 3 hours of A201 or A202**</b>
--	--

#### Year 4

##### Fall Semester

##### Spring Semester

Continue developing dissertation	Dissertation “brown bag” presentation
----------------------------------	---------------------------------------

#### Year 5

##### Fall Semester

##### Spring Semester

Dissertation proposal defense	Campus interviews
“Job market” presentation to accounting dept	Final defense of dissertation (upon completion)
Attend “Miami Rookie Camp”	

#### Notes:

\* Actual course offerings by other departments vary significantly from year to year, so actual coursework will likely vary from that shown above. Students should consult with the Chair of the ADPC prior to registering for courses each semester.

\*\* There is some flexibility as to when students fulfill their teaching requirements. The teaching schedule shown above is recommended, but not required, and also subject to course availability.

**Appendix C - Continued**  
**Suggested\* Plan for Coursework for Experimental Track Students**

*Prerequisite courses that may be necessary for students without strong math / statistics backgrounds:*

M211 – Calculus I (4.0 credit hours)
M212 – Calculus II (4.0 credit hours)
M303 – Linear Algebra (3.0 credit hours; useful for Econometrics, G651 and G652)

**Year 1**

*Attend Accounting Doctoral Student Orientation*

**Fall Semester**

**Spring Semester**

ECO M500 – Analytical Methods in Econ (3.0)	X611 – Statistics for Research II (3.0)
X610 – Statistics for Research I (3.0)	A601A – Capital Markets (3.0)
G750 – Economic Modeling (3.0)	Psychology course (3.0)
A602A – Experimental Research (3.0)	G751 – Game Theory (1.5)
	G752 – Information Economics (1.5)

*First Year Summer Paper: Must be turned in to Chair of ADPC by date in August to be specified*

**Year 2**

**Fall Semester**

**Spring Semester**

A602B – Experimental Research (3.0)	A601B – Capital Markets (3.0)
A603B – Special Topics in Accounting (3.0)	Psychology course (3.0)
Z798 – Research Methods (3.0)	X630 – Teaching Development (1.5)
Psychology course (3.0)	Comprehensive Exam (May / June)
	<b>Teach 3 hours of A201 or A202**</b>

*Second Year Summer Paper: Must be turned in to Chair of ADPC by date in September to be specified*

**Year 3**

**Fall Semester**

**Spring Semester**

A603A – Special Topics in Accounting (3.0)	Comprehensive Exam (January)
Psychology course (3.0)	<b>Teach 3 hours of A201 or A202**</b>

**Year 4**

**Fall Semester**

**Spring Semester**

Continue developing dissertation	Dissertation “brown bag” presentation
----------------------------------	---------------------------------------

**Year 5**

**Fall Semester**

**Spring Semester**

Dissertation proposal defense	Campus interviews
“Job market” presentation to accounting dept	Final defense of dissertation (upon completion)
Attend “Miami Rookie Camp”	

Notes:

\* Actual course offerings by other departments vary significantly from year to year, so actual coursework will likely vary from that shown above. Students should consult with the Chair of the ADPC prior to registering for courses each semester.

\*\* There is some flexibility as to when students fulfill their teaching requirements. The teaching schedule shown above is recommended, but not required, and also subject to course availability.

## **List of Economics, Finance, and Psychology Courses**

Note: This is not an exhaustive list of all potential courses that you can include in your program of study, particularly if you choose a minor that is not finance or psychology. You should discuss courses outside of this list with the Chair of the ADPC prior to enrolling.

### **Economics courses:**

E321 or S321 (honors) - Intermediate Microeconomic Theory  
(for those needing a review of microeconomics)

G651 - Econometrics I (3.0), F  
G652 - Econometrics II (3.0), S  
G750 - Economic Modeling (3.0), F  
G751 - Game Theory (1.5), S  
G752 - Information Economics (1.5), S  
G753 - Agency Theory (1.5)  
G754 - Structural Economics (1.5)

E500 – Analytical Methods on Economics, F  
E501 - Seminar in Economics (typically a micro-economics course), F  
E520 - Optimization Theory in Economic Analysis, F  
E521 - Theory of Prices and Markets I, F  
E571 – Econometrics 1 Statistical Foundations, F  
E572 – Econometrics 2 Time Series Regression, S

### **Finance courses:**

F600 - Asset Pricing (F600 is required and is a prerequisite for all other finance courses), F  
F605 - Corporate Finance Theory, S  
F625 - Empirical Asset Pricing, S  
F635 - Market Microstructure  
F644 - Selected Topics (e.g., Corporate Governance, Banking, Empirical Corporate Finance), S

*Note: Suggested prerequisites for finance courses: Calculus, Microeconomics, M303, G651, G652*

### **Psychology courses:**

P533 – Into to Bayesian Data Analysis I, F/S  
P553 - Advanced Statistics in Psychology I  
P554 - Advanced Statistics in Psychology II  
P620 - Attitude and Attitude Changes  
P647 - Decision Making under Uncertainty F/S  
P648 - Choice Behavior  
P654 - Multivariate Analysis  
P721 - Group Processes  
P747 - Seminar in Cognitive Psychology  
P820 - Social Perception  
S660 – Social Interaction and Social Order

**Other courses:**

X610 – Statistics for Research I, F

X611 – Statistics for Research II, S

X615—Data Analytics for Research, S

X630—Teaching Development

F666 – Public Revenue

M650 - Research Methods (in Marketing), F

Z798 – Research Methods (in Management), F

SOC-S650 - Statistical Techniques in Sociology

SOC-S651 - Survey Data Analysis

SOC-S652 - Qualitative Interviewing

EDUC-Y603 Statistical Design Education Research, F

EDUC-Y604 Multivariate Analysis in Education Research, F/S

EDUC-Y639 Multilevel Modeling, S

EDUC-Y645 Covariance Structure Analysis, S