DEPARTMENT OF ECONOMICS
GRADUATE PROGRAM HANDBOOK

Academic Year 2011-2012

Department of Economics
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V. Courses Offered

Welcome to the Ph.D. Program in Economics at UCLA

The Ph.D. Program in Economics at UCLA prepares students for careers as economists in academia, business, and government. The program combines rigorous work in economic theory and careful study of real-world problems and institutions. Graduates from our program work at major universities around the world. They also work at national and international government agencies, banks, research centers, and private businesses. Some of our graduates have achieved great prominence, such as William Sharpe, who earned both his B.A. and Ph.D. degrees at UCLA, and was co-recipient of the 1990 Nobel Prize in Economics for his work on the capital asset pricing model.

The Department includes internationally recognized scholars in economic theory, econometrics, and all the major applied fields. These outstanding scholars form one of the foremost departments of economics in the world.

The Economics Department is situated within one of the world's most youthful and vibrant universities. Founded in 1919, UCLA first developed into a major university in the 1950's. After so short a history, the university was ranked second in the United States among public research universities by the Conference Board of Associated Research Councils in 1982. 31 of its Ph.D. programs are currently ranked in the top 20 in their field--third best in the nation.

I. PROGRAM REQUIREMENTS

MASTER'S DEGREE

ADVISING

Entering students are assigned faculty advisers by the department. The adviser's approval is required prior to enrollment each quarter. Students are encouraged to consult their adviser whenever doubts or questions arise about their proposed program or academic goals. As the student becomes more familiar with the faculty, the adviser initially assigned by the department may be replaced, at the student's initiative, by a faculty member in the student's area of interest and specialization.

In addition, the Graduate Committee meets once a year in the fall quarter after comprehensive examination results have been made known, to review the performance of each graduate student in the program. At that time, a student making slow or unsatisfactory progress is interviewed by a committee member and given guidelines for successful completion of the program. The vice-chair for graduate affairs (same as chair of graduate committee) also meets with students who are failing to meet University and/or departmental minimum standards.

AREAS OF STUDY

Economic theory; econometrics; information and uncertainty; mathematical economics; monetary theory; economic history; public finance; labor economics; industrial organization; international economics; development economics; and asset pricing.

FOREIGN LANGUAGE

None.

COURSE REQUIREMENTS

The department requires nine upper division and graduate-level courses in economics completed while in graduate status at UCLA. At least seven of the nine courses must be graduate-level courses in the department, one of which must be either Economics 207 or 241 or 242. Each course must be completed with a grade of B or better.

With prior approval of the vice-chair for graduate affairs, students may offer a maximum of two courses from departments outside of Economics. However, these courses may not substitute for the seven graduate-level economics courses required.

With the prior approval of the vice-chair for graduate affairs, four units of Economics 596 may be applied toward the total course requirement and the minimum graduate course requirement.

TEACHING EXPERIENCE

None.

FIELD EXPERIENCE

None.

COMPREHENSIVE EXAMINATION PLAN

In addition to the course requirements, candidates for the M.A. degree must satisfactorily complete a written comprehensive examination requirement that involves passing two examinations. This requirement may be fulfilled by one of the following:

(1) Master's-level (M) passes in comprehensive examinations for two of the three first-year sequences and a grade of B or better in all three courses in the remaining sequence.

(2) Master's-level (M) passes in the comprehensive examination for one of the three first-year sequences and in one doctoral field examination.

(3) Master's-level (M) passes in two doctoral field examinations.

Examinations are graded H (Ph.D. honors pass), P (Ph.D. pass), M (M.A. pass), and F (fail).

THESIS PLAN

None.

TIME-TO-DEGREE

It normally takes three to five quarters to earn the degree.

DOCTORATE DEGREE

ADVISING

Entering students are assigned faculty advisers by the department. The adviser's approval is required prior to enrollment each quarter. Students are encouraged to consult their adviser whenever doubts or questions arise about their proposed program or academic goals. As the student becomes more familiar with the faculty, the adviser initially assigned by the department may be replaced, at the student's initiative, by a faculty member in the student's area of interest and specialization.

In addition, the Graduate Committee meets once a year in the fall quarter after written qualifying examination results have been made known, to review the performance of each graduate student in the program. At that time, a student making slow or unsatisfactory progress is interviewed by a committee member and given guidelines for successful completion of the program. The Vice Chair for Graduate Affairs (same as Chair of Graduate Committee) also meets with students who are failing to meet University and/or departmental minimum standards.

MAJOR FIELDS OR SUBDISCIPLINES

Economic theory; econometrics; information and uncertainty; mathematical economics; monetary theory; economic history; public finance; labor economics; industrial organization; international economics; development economics; and asset pricing.

FOREIGN LANGUAGE REQUIREMENT

None.

COURSE REQUIREMENTS

In order so that the program can be tailored to an individual student's background and interests, there are no formal course requirements in the Ph.D. program. In their first year, however, students normally enroll in the standard first-year graduate core sequences in microeconomic theory (Economics 201A, 201B, 201C), macroeconomic theory (Economics 202A, 202B, 202C) and quantitative methods (Economics 203A, 203B, 203C).

TEACHING REQUIREMENT

None.

WRITTEN AND ORAL QUALIFYING EXAMINATIONS

Academic Senate regulations require all doctoral students to complete and pass University written and oral qualifying examinations prior to doctoral advancement to candidacy. Also, under Senate regulations the University Oral Qualifying Examination is open only to the student and appointed members of the doctoral committee. In addition to University requirements, some graduate programs have other pre-candidacy examination requirements. What follows in this section is how students are required to fulfill all of these requirements for this doctoral program.

A. Written Examinations

All Ph.D. qualifying examinations are intended to determine competency in the overall field. While the courses offered are intended to prepare students for the field examinations, and while the professors of the courses are normally also the examiners, the qualifying examination is not restricted solely to the material explicitly presented in course lectures or assigned exercises. Students are assisted in acquiring knowledge of the overall field by course reading lists that include recommended supplementary and complementary readings.

The department offers written qualifying examinations in the areas listed below (with preparatory courses shown in parentheses):

Core Sequences: Microeconomic theory (Economics 201A, 201B, 201C); macroeconomic theory (Economics 202A, 202B, 202C); quantitative methods (Economics 203A, 203B, 203C).

Elective Doctoral Fields: Econometrics (Economics 231A, 231B, M232A, 232B); information and uncertainty (Economics 211A, 211B, 212A); mathematical economics (213A, 213B, 214A); monetary economics (Economics 221A, 221B); economic history (Economics 241, 242); public finance (Economics 251A, 251B, 252); labor economics (Economics 261A,261B); industrial organization (Economics 271A, 271B, 271C); international economics (Economics 281A, 281B, 281C); development economics (286A, 286B, 287A, 287B); asset pricing (Economics 291A, 291B, 291C, 291D).

Examinations are graded H (Ph.D. honors pass), P (Ph.D. pass), M (M.A. pass), and F (fail).

Students must pass (with a P or better) the qualifying examinations in all three of the standard first-year core sequences—microeconomic theory, macroeconomic theory, and quantitative methods—by the beginning of the fall quarter of their second year. Students are required to take these examinations at the first available sitting (normally in June, at the end of student’s first year of study). If students are unsuccessful on their first try, they may repeat one or all of the qualifying examinations at the next available sitting (normally in September, at the beginning of the student's second year of study). Students who have successfully completed their first-year core requirements must regularly attend either a departmental workshop or a dissertation pro-seminar each quarter of their second year.

Students must pass (with a P or better) qualifying examinations in three doctoral elective fields (or two fields plus breadth option), usually by the end of the second year, but no later than by the beginning of the student's third year. Written qualifying examinations may be repeated, but students may sit for no more than nine times in total for all (core and field) examinations combined. Students who have successfully completed all course requirements and written qualifying examinations must enroll in and regularly attend a departmental workshop and a dissertation pro-seminar for each of their remaining quarters in the doctoral program.

Qualifying examinations in all core sequences are offered twice a year (normally in June and September). Doctoral field qualifying examinations are offered at least once a year.

By employing the breadth option, students may substitute a field by coursework, defined as three graduate-level courses for one of the three elective fields. Courses used to satisfy this requirement cannot include any courses used in the core sequence requirements nor can they include courses preparatory for the written qualifying examinations which the student is using for field requirements. The breadth option must include Economics 207, 241, or 242. Students may apply courses at the graduate level (200-level) outside the Economics Department on written preapproval by the Vice Chair for Graduate Affairs. Only courses in which a minimum grade of B is earned may be used to satisfy this requirement.

B. Paper Requirement

A written paper must be completed by the end of the student's third year. This paper is to be read and evaluated by a member of the department faculty, who must certify in writing that it satisfied this requirement. This paper could be based on or be an extension of an optional or required paper for a course. Alternatively, the paper could be one presented in a workshop or an outgrowth of a research assistantship or independent study. Ideally, the paper would be related to the student's doctoral dissertation. The materials of this paper may be used as the basis for presentation in a departmental workshop, as well as the basis for the dissertation.

Before advancing to the University Oral Qualifying Examination, students are expected to present a paper in a departmental pro-seminar. It is recommended that this be completed by June of the second year.

C. Oral Qualifying Examination

The University Oral Qualifying Examination, administered by the student's doctoral committee, is scheduled after successful completion of all first-year core examinations as prescribed, completion of the economic history or history of thought requirement, receipt of a pass at the Ph.D. level for at least one qualifying examination in the student's field, and the submission of a written dissertation proposal. The proposal should be made available to the committee members at least two weeks prior to the date of the examination. The examination focuses on, but is not be limited to, the dissertation proposal.

A student should attempt the oral examination no later than the end of August before the beginning of the third year of study. Students must have been registered in the immediately preceding spring term in order to take the examination in the summer. In case of failure, a student may repeat the oral qualifying examination once.

A student's doctoral committee will meet with the student at the end of the third year to determine if the student's progress in the dissertation research is satisfactory. At this meeting, the student will submit a written progress report on the proposed topic that describes the work completed to date and includes a detailed outline of the plan for completing the project. With the consent of the student's committee, completed papers may be submitted as part of, or in lieu of, the written progress report.

ADVANCEMENT TO CANDIDACY

Students are advanced to candidacy and awarded the Candidate in Philosophy (C.Phil.) degree upon successful completion of the written and oral qualifying examinations.

DOCTORAL DISSERTATION

Every doctoral degree program requires the completion of an approved dissertation that demonstrates the student's ability to perform original, independent research and constitutes a distinct contribution to knowledge in the principal field of study.

FINAL ORAL EXAMINATION (DEFENSE OF THE DISSERTATION)

Not required for all students in the program. The decision as to whether a defense is required is made by the doctoral committee.

TIME-TO-DEGREE

The department has established a five-year normative time-to-degree plan which is divided into a two-year pre-candidacy period and a three-year candidacy period. This projection is suggestive, and it should be recognized that the amount of time necessary to complete the degree has been found to vary widely among students, due to differences in previous training and other factors. All requirements for the Ph.D. degree, however, must be completed within seven calendar years after entering the program.

TERMINATION OF GRADUATE STUDY AND APPEAL OF TERMINATION

A. University Policy

A student who fails to meet the above requirements may be recommended for termination of graduate study. A graduate student may be disqualified from continuing in the graduate program for a variety of reasons. The most common is failure to maintain the minimum cumulative grade point average (3.00) required by the Academic Senate to remain in good standing (some programs require a higher grade point average). Other examples include failure of examinations, lack of timely progress toward the degree and poor performance in core courses. Probationary students (those with cumulative grade point averages below 3.00) are subject to immediate dismissal upon the recommendation of their department. University guidelines governing termination of graduate students, including the appeal procedure, are outlined in *Standards and Procedures for Graduate Study at UCLA*.

B. Special Departmental or Program Policy

Students who fail an examination at the first sitting are then required to retake the examination at the next available sitting (September of the second year). Students who do not earn Ph.D. passes in the first-year written qualifying examinations in these two sittings are ineligible to continue in the Ph.D. program.

A student who is not making satisfactory progress toward the degree is notified to meet with the vice-chair, who determines whether to recommend termination to the Graduate Committee. Termination is normally recommended in cases where a student: (1) has failed to maintain a 3.00 grade point average; (2) has failed to pass the written qualifying examinations in the first year core fields by the end of the second sitting; (3) has failed to pass all written qualifying examinations in nine sittings (or by the end of the third year); (4) has failed to be advanced to candidacy by the end of the third year; or (5) has failed to complete all requirements for the degree by the end of the seventh year.

The student is informed of the vice-chair's recommendation and has an opportunity to provide written materials in support of continued enrollment in the Ph.D. program. The Graduate Committee thoroughly reviews the student's record as well as the supplementary materials provided by the student and makes a final recommendation to the Graduate Division.

II. FIRST-YEAR STUDENTS

REGISTRATION AND ENROLLMENT

Registration and enrollment is typically done on-line through URSA (University Records System Access). Please refer to the Graduate Division Orientation Handbook, available at http://www.gdnet.ucla.edu/asis/library/handbook.pdf, which contains information on how to register, enroll, and access URSA online. For the most updated enrollment information visit the Registrar's website at http://www.registrar.ucla.edu/schedule/.

First-year Ph.D. students should enroll in the following four (4) courses in the fall quarter:

- 200. Mathematical Methods in Economics
- 201A. Microeconomics: Theory of the Firm and Consumer
- 202A. Macroeconomics: Dynamics and Growth Theory
- 203A. Probability and Statistics for Econometrics

In addition to these four courses, students are required to enroll in a two-week "math camp," a pre-requisite for Econ 200. Math Camp typically begins two weeks before the first day of the fall quarter. This year, Math Camp will be from September 6 through September 16 from 10-11:30am and 1-2:30pm.

Course descriptions of all economics courses are available in the UCLA General Catalogue **Current Course Descriptions.**

NOTE: If you are unable to enroll in a course through URSA, please contact the Graduate Advisor (Sara Lee) for a permission to enroll (PTE) number.

FINANCIAL SUPPORT

The following are the main sources of financial support available to incoming/first-year students:

A. Departmental Fellowships

The Department awards fellowships (which may provide tuition, registration fees, and/or a stipend) to approximately seven or eight entering students. The primary criterion for the departmental fellowship is the strength of the incoming student's application.

B. Graduate Division Fellowship Programs and Support from UCLA Centers

There are a number of campus-wide fellowship programs. Some of the available fellowships (specifically the Eugene V. Cota-Robles Fellowship and Graduate Opportunity Fellowship programs) are intended to help ensure access to graduate study for students who have experienced significant socioeconomic disadvantages or have overcome other major educational or physical disadvantages in their pursuit of higher education. Others are privately endowed fellowships with specific eligibility requirements. For a list of University fellowships and grants for entering graduate students, visit http://www.gdnet.ucla.edu/asis/entsup/fellgrnt.htm.

C. Extramural Funding

There are many extramural agencies that provide fellowships for graduate students. We strongly urge all of our students to research external funding opportunities and apply for every fellowship for which they are eligible.

The UCLA Graduate Division has an on-line database of extramural funding opportunities called GRAPES, available at: http://www.gdnet.ucla.edu/grpinst.htm. The GRAPES database catalogs over 500 private and publicly funded awards, fellowships, and internships and allows searches by field, academic level, award type, award amount, and other criteria. In addition, there are directories of extramural support that can be found at most university libraries. You can find a list of these directories at http://www.gdnet.ucla.edu/asis/entsup/extramrl.htm.

D. Financial Aid for US Citizens and Permanent Residents of the U.S.

Applicants who are U.S. citizens or permanent residents of the U.S. may apply for aid (such as loans, work-study funds, and grants) based on financial need. Applications may be obtained at the Financial Aid Office-UCLA, A129 Murphy Hall, 405 Hilgard Avenue, Los Angeles, California 90095-1435, or at http://www.fao.ucla.edu/.

ADVISING

The Vice Chair for Graduate Studies (Professor Joseph Ostroy) is the primary adviser for all entering students. The primary adviser is responsible for monitoring the students' degree progress; students should consult the primary adviser whenever doubts or questions arise about their proposed program or academic goals.

After students identify a dissertation topic, typically at the end of the second year of study, the chair of the dissertation committee becomes their primary adviser.

In addition to the Vice Chair for Graduate Studies, the Graduate Committee also oversees student performance. The committee meets once a year in the fall quarter after comprehensive examination results have been made known, to review the performance of each graduate student in the program. At that time, a student making slow or unsatisfactory progress is interviewed by a member of the Graduate Committee and given specific recommendations to correct the situation. A record of this recommendation is placed in the student's academic file. Students who are found to be consistently performing unsatisfactorily may be recommended for termination by a vote of this committee. The Vice Chair for Graduate Studies (same as the Chair of Graduate Committee) may also meet with students who are failing to meet University and/or departmental minimum standards.

FIRST YEAR CORE COMPREHENSIVE EXAMINATIONS

Students must pass (with a Ph.D. pass or better) the qualifying examinations in all three of the standard first-year core sequences—microeconomic theory, macroeconomic theory, and quantitative methods—before beginning the second year. Students are required to take these examinations at the first available sitting (June 2011). If students are unsuccessful on their first try, they may repeat one or all of the qualifying examinations at the next available sitting (September 2011).

In order to be eligible for departmental funding in the second year, students must have a minimum 3.5 GPA, successful completion of all first-year core courses, plus Ph.D. level passes in written qualifying examinations in microeconomic theory, macroeconomic theory, and quantitative methods after the first sitting.

TA TRAINING COURSE

All students must complete the TA training course (Econ 495, Teaching College Economics) to become eligible to TA in the Department. Students normally take the TA training course a few weeks before the beginning of the second year, because the second year is when most students begin to TA. The training usually begins during the second week of September (one or two weeks before the beginning of fall quarter) and ends on week eight of the fall quarter. The course is offered only once a year. Students are advised to make summer plans accordingly so that they do not miss this mandatory TA training course. All students enrolled in the TA training course should enroll in Econ 495 for 2 units in the fall quarter.

NOTE: Non-native English speaking international students MUST pass the Test of Oral Proficiency (TOP) examination with a minimum score of 7.1 before working as a TA in the Economics Department. No alternatives to the TOP examination are accepted. A "native speaker" of English is currently defined by the Graduate Division as one who has learned English from his/her parents. Only non-citizens are considered international students. The examination should be taken in September of the student's first year of study, if possible. Because examination slots fill up quickly, students should schedule the exam as soon as possible. Non-native English speaking international students who do not pass this examination by the time they are scheduled to TA will most likely get a readership offer instead of a teaching assistantship offer. For more information about the TOP exam, please visit the UCLA Office of Instructional Development (OID) at http://www.oid.ucla.edu/top.

ESL PLACEMENT EXAMINATION (INTERNATIONAL STUDENTS ONLY):

You must take the ESL Placement Examination (ESLPE) at UCLA if you are a non-native speaker of English and are new to the United States. If you are a non-native speaker of English but are not new to the United States, you may also be required to take the ESLPE. For example, if you were required to submit a TOEFL score when you applied to UCLA, you will need to take the ESLPE. International graduate students are exempt from the ESLPE if they hold a bachelor's or higher degree from a university in a country where the official language is English and in which English is the spoken language and the medium of instruction.

The test is offered once per quarter during the academic year with more exams offered at the beginning of the fall quarter. Test dates are found at the Applied Linguistics & TESL website: http://www.appling.ucla.edu/index.php?option=com_content&task=view&id=153&Itemid=90.

Please do not delay--this test is MANDATORY. ESLPE is designed to facilitate your studies here at UCLA. Visit Center for World Languages ESL FAQ for details.

NOTE: Graduate students may take the ESLPE a maximum of two times. (The second score will be the official score.)

In order to take the ESLPE, students MUST register via the website:
http://www.appling.ucla.edu/index.php?option=com_content&task=view&id=161&Itemid=90.

NOTE: You must check-in at the test center one hour before the exam begins.

Contact for ESLPE:

Kristina Magpayo, Applied Linguistics & TESL
kmagpayo@humnet.ucla.edu
(310) 825-4378
Rolfe 3300A

ESTABLISHING CALIFORNIA RESIDENCY FOR TUITION PURPOSES (US CITIZENS AND PERMANENT RESIDENTS ONLY):

Establishing California Residency for Tuition Purposes:
Domestic students who are not California residents will need to establish residency to avoid assessment of nonresident tuition. In order to establish your residency, certain requirements must be met. Please refer to the Registrar's web page at:
http://www.registrar.ucla.edu/faq/residencefaq.htm or call the Residence Deputy at (310) 825-1091, option 7, for the complete details on establishing California Residency. If you do not

establish your California residency, you have to pay non-resident tuition during your second year, which currently is $15,102 per year.

III. SECOND-YEAR STUDENTS

REGISTRATION AND ENROLLMENT

Three courses (or twelve units) per quarter is considered the normal enrollment for graduate students and are required in order for a student not in doctoral candidacy to be counted for full-time status in the University's official enrollment. Therefore, a student is directed by the department to enroll full time whenever possible.

NOTE: Teaching assistants (TAs) and graduate student researchers (GSRs) are required to enroll in at least twelve quarter units throughout their appointments. Course 375 for teaching assistants, and independent studies at the 500-level (596) for graduate student researchers, may be included in reaching the twelve-unit load requirement.

In the second year, students are expected to enroll in all of the required courses for their chosen doctoral field(s) and to pass each course with a minimum grade of B. (Students will be informed of their field requirements before the beginning of their second year.) At the end of the second year, students are required to pass (with a P or better) qualifying examinations in three doctoral elective fields (or two fields plus the breadth option). (See under "Second Year Field Comprehensive Examinations" for details on the breadth option.)

For each term, graduate students are responsible for registering and for enrolling in the correct courses and in the correct number of units; for making sure that their fees and tuition are paid; and for making any necessary changes in their registration and enrollment by the appropriate deadlines listed here: http://www.registrar.ucla.edu/calendar/.

FINANCIAL SUPPORT

The following are the main sources of financial support available to continuing students:

A. Teaching Assistantships (TA)

Teaching assistantships are awarded to second-, third-, and fourth-year continuing students. Subject to "Satisfactory Academic Progress" with respect to program requirements (including a minimum 3.50 GPA), all second- through fourth-year students are eligible to receive a teaching or research assistant position. Teaching assistant re-appointments also require satisfactory quarterly teaching evaluations by the course professor and by the students enrolled in the course.

NOTE: Non-native English speaking international students MUST pass the Test of Oral Proficiency (TOP) examination with a minimum score of 7.1 before working as a TA in the

Economics Department. No alternatives to the TOP examination are accepted. A "native speaker" of English is currently defined by the Graduate Division as one who has learned English from his/her parents. Only non-citizens are considered international students. The examination should be taken in September of the student's first year of study. Because examination slots fill up quickly, students should schedule the exam as soon as possible. Non-native English speaking international students who do not pass this examination by the time they are scheduled to TA will most likely get a readership offer instead of a teaching assistantship offer. For more information about the TOP exam, please visit the UCLA Office of Instructional Development (OID) at http://www.oid.ucla.edu/top.

B. Readerships (RA)

Readers help grade exams or assignments for a course. The perks and pay of a readership are less than that of a teaching assistantship. International students who are guaranteed an assistantship but do not qualify to serve as a teaching assistant, for example, will get a readership offer.

C. Research Assistantships (RA)

Research assistantships are awarded to continuing students by faculty members with research funds. Advanced students find research assistantships with faculty members not only in the Economics Department, but also in the Graduate School of Management, the Institute for Industrial Relations, and the School of Public Policy. Since the faculty members with research funds are different from year to year, we do not have a list of available research assistantships.

D. Graduate Division Fellowship Programs and Support from UCLA Centers

There are a number of campus-wide fellowship programs. For a list of University fellowships and grants for entering graduate students, students can visit http://www.gdnet.ucla.edu/asis/stusup/contspprt.pdf. Various fellowship/award announcements are also distributed periodically by email by the Economics Graduate Advisor and by the Graduate Division.

The Department encourages all eligible second-year students to apply for the following awards: Graduate Summer Research Mentorship Program and the Graduate Research Mentorship Program. These programs are open to doctoral students in the humanities and social sciences who: 1. will have completed at least one year but no more than four years of UCLA doctoral study by the beginning of the summer (priority will be given to students in year one, two, or three of doctoral study) 2. have not yet advanced to candidacy and 3. are U.S. citizens or permanent residents. These programs are designed to assist students in acquiring and developing advanced research skills under faculty mentorship.

E. Extramural Funding

There are many extramural agencies that provide fellowships for graduate students. We strongly urge all of our students to research external funding opportunities and apply for every fellowship for which they are eligible.

The UCLA Graduate Division has an on-line database of extramural funding opportunities called GRAPES, available at: http://www.gdnet.ucla.edu/grpinst.htm. The GRAPES database catalogs over 500 private and publicly funded awards, fellowships, and internships and allows searches by field, academic level, award type, award amount, and other criteria. In addition, there are directories of extramural support that can be found at most university libraries. You can find a list of these directories at http://www.gdnet.ucla.edu/asis/entsup/extramrl.htm.

F. Financial Aid for US Citizens and Permanent Residents of the U.S.

Applicants who are U.S. citizens or permanent residents of the U.S. may apply for aid (such as loans, work-study funds, and grants) based on financial need. Applications may be obtained at the Financial Aid Office-UCLA, A129 Murphy Hall, 405 Hilgard Avenue, Los Angeles, California 90095-1435, or at http://www.fao.ucla.edu/.

NOTE: Based on need, students may apply for financial aid even if supported by a teaching or research assistantship.

ADVISING

Students are encouraged to begin thinking about their research interests as early as possible. After students identify a dissertation topic, typically at the end of the second year of study, the chair of the dissertation committee becomes their primary adviser. In addition to the primary adviser, the Graduate Committee meets once a year in the fall quarter after written qualifying exam results have been made known, to review the performance of each student. A student making slow or unsatisfactory progress is interviewed by a member of the Graduate Committee and given specific recommendations to correct the situation. A record of this recommendation is placed in the student's academic file. Students who are found to be consistently performing unsatisfactorily may be recommended for termination by a vote of this committee. The vice chair for graduate affairs (same as the chair of graduate committee) may also meet with students who are failing to meet University and/or departmental minimum standards.

For advanced graduate students who have begun dissertation work, the determination of satisfactory progress is typically delegated to the dissertation chair.

ADVANCEMENT TO CANDIDACY FOR THE MASTER'S DEGREE

Students normally advanced to master's candidacy during their second year. Before advancing to master's candidacy, students must fulfill the following requirements:

- Complete (with B or better) eight out of the nine following courses:
  - Econ 201A, 201B, 201C, 202A, 202B, 202C, 203A, 203B, 203C
- Complete (with B or better) one economic history course (Econ 207, 241, or 242).
- Pass (with an M or better) two written qualifying examinations. This requirement may be fulfilled by one of the following:
  - Master's-level (M) passes in comprehensive examinations for two of the three first-year sequences and a grade of B or better in all three courses in the remaining sequence.
  - Master's-level (M) passes in the comprehensive examination for one of the three first-year sequences and in one doctoral field examination.
  - Master's-level (M) passes in two doctoral field examinations.
- Submit a completed UCLA Graduate Division Petition for Advancement to Candidacy for the Master's Degree Form to the graduate advisor (Sara Lee).

Upon successful completion of these requirements, the Master of Arts (M.A.) degree is awarded.

NOTE: Students can begin their advancement to candidacy for the master's degree during the quarter in which they are enrolled in the economic history course.

ADVANCEMENT TO CANDIDACY FOR THE DOCTORATE DEGREE

Students are advanced to candidacy and awarded the Candidate in Philosophy (C.Phil.) degree upon successful completion of the written and oral qualifying examinations.

Before students can advance into doctoral candidacy, they must fulfill the following requirements:

- Pass (with a P or better) all written qualifying examinations.
- Form a doctoral committee.
- Submit a completed Nomination of Doctoral Committee Form to the UCLA Graduate Division for approval. http://www.gdnet.ucla.edu/gasaa/library/docnomin.pdf

- Submit a written dissertation proposal to the doctoral committee.

- Pass the University Oral Qualifying Examination.

Upon successful completion of these requirements, the Candidate in Philosophy (C.Phil.) degree is awarded. The Candidate in Philosophy (C.Phil.) is awarded in the quarter the student is advanced to candidacy. Once advanced to candidacy, international students do not pay foreign student fees (non-resident tuition).

A. Regulations Governing the Nomination of Doctoral Committees

The following are regulations governing the nomination of doctoral committees:

- Doctoral committees are appointed by the Dean of the Graduate Division acting for the Graduate Council, upon nomination by the Chair of the Department or Interdepartmental Program after consultation with the student.

- Doctoral committees consist of a minimum of four faculty members from UCLA of the following academic ranks:

    - Professor (any rank)
    - Professor or Associate Professor Emeritus
    - Professor-in-Residence (any rank)
    - Acting Professor or Acting Associate Professor

- Three of the four doctoral committee members must hold an appointment at UCLA in the student's major department.

- One of the four doctoral committee members must hold an appointment at UCLA in a department "outside" the student's major department. (Note: Faculty who hold multiple appointments count as "inside" if one of those appointments is in the student's department.)

- ***Two of the four doctoral committee members must hold the rank of Professor or Associate Professor (regular or in-Residence series).***

- The chair of the doctoral committee must hold a UCLA appointment in the student's major department or interdepartmental degree program as Professor (any rank, regular or in-Residence series), or Professor or Associate Professor Emeritus.

- Additional members (above the minimum number of four) may be nominated and, if appointed, have the same voting rights and responsibilities as the other committee members. They may also serve as co-chair of the Committee.

- By petition, one of the minimum four members may be a faculty member from another UC campus who holds an appropriate appointment as listed above.

B. Dissertation Proposal

Students must submit a written dissertation proposal before they can advance to doctoral candidacy.

NOTE: The proposal should be made available to the dissertation committee members at least two weeks prior to the date of the oral qualifying examination.

C. University Oral Qualifying Examinations

Academic Senate regulations require all Ph.D. students to complete and pass the University Oral Qualifying Examinations prior to doctoral advancement to candidacy. Under Senate regulations the University Oral Qualifying Examination is open only to the student and appointed members of the doctoral committee.

The University Oral Qualifying Examination, administered by the student's doctoral committee, is scheduled after successful completion of all first-year core examinations as prescribed, receipt of a pass at the Ph.D. level for at least one qualifying examination in the student's elective field, and the submission of a written dissertation proposal. The examination focuses on, but is not limited to, the dissertation proposal.

Students should attempt the oral examination ***no later than the end of August*** of their second year of study. Students must have been registered in the immediately preceding spring term in order to take the examination in the summer. In case of failure, a student may repeat the oral qualifying examination once.

Preparing for the University Oral Qualifying Exam:

- Obtain a Nomination of Doctoral Committee Form from the graduate advisor (Sara Lee), or at http://www.gdnet.ucla.edu/gasaa/library/docnomin.pdf.

- Form a doctoral committee (see "Regulations Governing the Nomination of Doctoral Committees," Section A, under ADVANCEMENT TO CANDIDACY).

- Return the completed Nomination of Doctoral Committee Form to the graduate advisor ***no later than August 1st*** of the student's second year of study.

- Await approval of the committee from the Graduate Division. The exam cannot take place until the committee has been approved by the Graduate Division.

- Schedule the exam. Coordinate a time with the committee members and reserve a room with the assistance of the graduate advisor (Sara Lee).

- Provide the dissertation proposal to committee members ***at least two weeks*** prior to the date of the oral qualifying examination.

- One or two days before the exam, remind committee members of the time and location of the exam. The exam cannot proceed if any members are not present at the exam.

- The graduate advisor prepares the student's academic file, including the Report on the Oral Preliminary Exam Form.

- After the exam, the committee members sign the Report on the Oral Preliminary Exam Form. The chair of the committee returns the form DIRECTLY to the graduate advisor.

- The student "advances to candidacy" when a successful Report on the Oral Qualifying Exam Form is received by the Graduate Division. A $65 doctoral candidacy fee will be billed to the student's BAR account. Students are responsible for this fee.

SECOND YEAR FIELD COMPREHENSIVE EXAMINATIONS

Written and Oral Qualifying Examinations

Academic Senate regulations require all doctoral students to complete and pass University written and oral qualifying examinations prior to doctoral advancement to candidacy. Also, under Senate regulations the University oral qualifying examination is open only to the student and appointed members of the doctoral committee. In addition to University requirements, some graduate programs have other pre-candidacy examination requirements. What follows in this section is how students are required to fulfill all of these requirements for this doctoral program.

Written Examinations

All Ph.D. qualifying examinations are intended to determine competency in the overall field. While the courses offered are intended to prepare students for the field examinations, and while the professors of the courses are normally also the examiners, the qualifying examination is not restricted solely to the material explicitly presented in course lectures or assigned exercises. Students are assisted in acquiring knowledge of the overall field by course reading lists that include recommended supplementary and complementary readings.

The department offers written field qualifying examinations in the areas listed below (with preparatory courses shown in parentheses):

Econometrics (Economics 231A, 231B, M232A, 232B); information and uncertainty (Economics 211A-211B, 212A); mathematical economics (213A-213B, 214A); monetary economics (Economics 221A-221B); economic history (Economics 241, 242); public finance (Economics 251A, 251B, 252); labor economics (Economics 261A,261B); industrial organization (Economics 271A, 271B, 271C); international economics (Economics 281A, 281B, 281C); development economics (286A, 286B, 287A, 287B); asset pricing (Economics 291A, 291B, 291C, 291D).

Examinations are graded H (Ph.D. honors pass), P (Ph.D. pass), M (M.A. pass), and F (fail).

Students must pass (with a P or better) qualifying examinations in three doctoral elective fields (or two fields plus the breadth option), usually by the end of the second year, but no later than the end of Spring Quarter of the student's third year. Written qualifying examinations may be repeated, but students may sit for no more than nine times in total for all (core and field) examinations combined. Students who have successfully completed all course requirements and written qualifying examinations must enroll in and regularly attend a departmental workshop and a dissertation pro-seminar for each of their remaining quarters in the doctoral program.

Doctoral field qualifying examinations are offered at least once a year, normally at the end of spring quarter.

By employing the breadth option, students may substitute a field by coursework, defined as three graduate-level courses for one of the three elective fields. Courses used to satisfy this requirement cannot include any courses used in the core sequence requirements nor can they include courses preparatory for the written qualifying examinations which the student is using for field requirements. The breadth option must include Economics 207 or 241 or 242. Students may apply courses at the graduate level (200-level) outside the Economics Department on written preapproval by the vice chair for graduate affairs. Only courses in which a minimum grade of B is earned may be used to satisfy this requirement.

Paper Requirement

Before advancing to the University Oral Qualifying Examination, students are expected to present a paper in a departmental pro-seminar. It is recommended that this be completed by the end of spring quarter of the second year.

Oral Qualifying Examination

The University Oral Qualifying Examination, administered by the student's doctoral committee, is scheduled after successful completion of all first-year core examinations as prescribed, completion of the economic history or history of thought requirement, receipt of a pass at the

Ph.D. level for at least one qualifying examination in the student's field, and the submission of a written dissertation proposal. The proposal should be made available to the committee members at least two weeks prior to the date of the examination. The examination focuses on, but is not be limited to, the dissertation proposal.

A student should attempt the oral examination before the beginning of the third-year of study. Students must have been registered in the immediately preceding spring term in order to take the examination in the summer. In case of failure, a student may repeat the oral qualifying examination once.

IV. STUDENTS ADVANCED TO CANDIDACY

REGISTRATION AND ENROLLMENT

Three courses (or twelve units) per term is considered the normal enrollment for graduate students and are required for a student not in doctoral candidacy to be counted for full-time status in the University's official enrollment. Therefore, a student is directed by the department to enroll full time whenever possible.

Teaching assistants (TAs) and graduate student researchers (GSRs) are required to register and enroll in at least twelve quarter units throughout their appointments. Course 375 for teaching assistants, and independent studies at the 500-level for graduate student researchers, may be included in reaching the eight or twelve-unit load.

Graduate students are responsible for registering (paying fees), enrolling (enrolling in specific courses for a specific number of units and a grading basis), and making changes in registration and enrollment each term by the Graduate Council-approved deadlines posted in the Registrar's calendar in the online Schedule of Classes. http://www.registrar.ucla.edu/calendar/

FINANCIAL SUPPORT

The following are the main sources of financial support available to continuing students:

A. Teaching Assistantships (TA)

Teaching assistantships are awarded to second-, third-, and fourth-year students. Subject to "Satisfactory Academic Progress" with respect to program requirements (including a minimum 3.50 GPA), all second- through fourth-year students are eligible to receive a teaching or research assistant position. Teaching assistant re-appointments also require satisfactory quarterly teaching evaluations by the course professor and by the students enrolled in the course.

Some fifth-year students are awarded teaching assistantships, but based on departmental budget and need for additional teaching assistants, which vary quarter by quarter.

B. Readerships (RA)

Readers help grade exams or assignments for a course. The perks and pay of a readership are less than that of a teaching assistantship. Readerships are usually awarded to fifth-year continuing students who are no longer eligible to receive teaching assistantships. Readerships are usually paid by the hour, and may or may not include fee remission benefits.

C. Research Assistantships (RA)

Research assistantships are awarded to continuing students by faculty members with research funds. Advanced students find research assistantships with faculty members not only in the Economics Department, but also in the Graduate School of Management, the Institute for Industrial Relations, and the School of Public Policy. Since the faculty members with research funds are different from year to year, we do not have a list of available research assistantships.

D. Graduate Division Fellowship Programs and Support from UCLA Centers

There are a number of campus-wide fellowship programs. For a list of University fellowships and grants for entering graduate students, students can visit http://www.gdnet.ucla.edu/asis/stusup/contspprt.pdf. Various fellowship/award announcements are also distributed periodically by email by the Economics Graduate Advisor and by the Graduate Division.

For the final year of dissertation research and writing, the Department recommends that students apply for the Dissertation Year Fellowship. This program is intended for students who will be in their final year of graduate school, at the dissertation writing stage and planning to start teaching and research appointments soon after the end of their dissertation fellowship year. Award recipients should complete all degree requirements within 12 months of beginning their dissertation fellowships and will be asked to submit a report of their progress at midyear. The deadline for this award application is normally at the end of February.

E. Extramural Funding

There are many extramural agencies that provide fellowships for graduate students. We strongly urge all of our students to research external funding opportunities and apply for every fellowship for which they are eligible.

The UCLA Graduate Division has an on-line database of extramural funding opportunities called GRAPES, available at: http://www.gdnet.ucla.edu/grpinst.htm. The GRAPES database catalogs over 500 private and publicly funded awards, fellowships, and internships and allows searches by field, academic level, award type, award amount, and other criteria. In addition, there are directories of extramural support that can be found at most university libraries. You can find a list of these directories at http://www.gdnet.ucla.edu/asis/entsup/extramrl.htm.

F. Financial Aid for US Citizens and Permanent Residents of the U.S.

Applicants who are U.S. citizens or permanent residents of the U.S. may apply for aid (such as loans, work-study funds, and grants) based on financial need. Applications may be obtained at the Financial Aid Office-UCLA, A129 Murphy Hall, 405 Hilgard Avenue, Los Angeles, California 90095-1435, or at http://www.fao.ucla.edu/.

NOTE: Based on need, students may apply for financial aid even if supported by a teaching or research assistantship.

ADVISING

A student's doctoral committee will meet with the student at the end of the third and fourth year to determine if the student's progress in the dissertation research is satisfactory. At this meeting, the student will submit a written progress report on the proposed topic that describes the work completed to date and includes a detailed outline of the plan for completing the project. With the consent of the student's committee, completed papers may be submitted as part of, or in lieu of, the written progress report.

WORK SPACE

Once students have successfully advanced to candidacy, they could request a work space in one of the graduate labs in the department. Please make your work space request to the Graduate Advisor, Sara Lee.

DISSERTATION PREPARATION AND FILING

A. Dissertation Preparation

All policies and procedures for dissertation preparation, including manuscript construction and formatting instructions, are available at http://www.gdnet.ucla.edu/gasaa/library/thesisintro.htm.

B. Dissertation Filing

Students who are not registered for the term in which the manuscript is filed must follow the steps below to determine eligibility:

- A doctoral candidate must be registered for the immediately preceding term in order to be eligible to pay the filing fee in lieu of registering for the current term (note: spring term is considered to be the term which immediately precedes both summer and fall terms). Candidates who were not registered for the immediately preceding term must register for the current term in order to file the dissertation. Registration and enrollment in four units during a summer session counts for being registered in a term.

- A student who was registered for the immediately preceding term and who does not need to be registered for the current term for any other reason (e.g., an academic apprentice personnel appointment), obtains the Filing Fee Application Form from Graduate Admissions/Student and Academic Affairs, 1255 Murphy Hall, or at http://www.gdnet.ucla.edu/gasaa/library/docffee.pdf. The application must be signed by the department chair and the committee chair.

The student submits the completed application to Graduate Admissions/Student and Academic Affairs. If approved, the fee is billed through the Billing and Receivables System (BAR).

(Students who are registered for the term can skip the above steps.)

Students must complete the forms listed below in order to file the dissertation:

- Two Dissertation Approval Forms (*typed*): http://www.gdnet.ucla.edu/gasaa/library/docapprvl.pdf.)

- ProQuest Agreement Form

- Survey of Earned Doctorates: http://www.gdnet.ucla.edu/gasaa/library/sedsurvey.pdf

- UCLA Doctoral Exit Survey: http://www.gdnet.ucla.edu/gasaa/library/docexitsurvey.pdf

The forms can also be obtained from Graduate Admissions/Student and Academic Affairs, 1255 Murphy Hall, or from the Office of the Theses and Dissertations Adviser, University Archives, 21560 Young Research Library.

NOTE: When completing the Dissertation Approval Forms, be sure that the name, degree title, degree major, chair or co-chairs, and dissertation title on the approval forms match the information on the preliminary pages of the dissertation.

On the day the dissertation is to be filed, ***first*** go to Graduate Admissions/Student and Academic Affairs and submit the following items:

- Report on the Final Oral Examination (defense of the dissertation), if required, or a waiver of Final Oral Examination, if the committee decides to change to a waiver of the requirement

- Survey of Earned Doctorates and UCLA Doctoral Exit Survey (completed)

- Two Dissertation Approval Forms (typed, and with the student's signature)
  (These forms will be signed and dated by the Graduate Division and returned to the student to be submitted to the theses and dissertations adviser.)
- Title page

- Signature page (with all required signatures included)

After the student is cleared by Graduate Admissions/Student and Academic Affairs with the completed forms listed above, the student must submit the following items to the theses and dissertations adviser, University Archives, 21560 Young Research Library:

- Two complete, unbound copies of the dissertation, including ***copies of the signed signature page,*** each in a manila envelope with an extra title page taped at corners to the outside of each envelope. (If the dissertation is longer than 500 pages, the student may wish to submit two envelopes; each additional envelope should contain an extra title page on the inside and be labeled with an extra title page on the outside. The dissertation must be in final form (no further corrections, substitutions, additions, or deletions), and not bound, stapled, folded, or punched.)

- A third manila envelope, labeled with a title page on the outside, in which is included:

    - Two typed Dissertation Approval Forms, signed and dated by the Graduate Division

    - ProQuest Agreement Form (completed and signed on the back)
    - One copy of the title page and one copy of the abstract for ProQuest

NOTE: No changes in the manuscript are allowed after the manuscript is accepted and filed in archives.

For more detailed instructions for dissertation filing, please visit http://www.gdnet.ucla.edu/gasaa/library/thesisintro.htm.

TERMINATION OF GRADUATE STUDY AND APPEAL OF TERMINATION

A. University Policy

A student who fails to meet the program requirements may be recommended for termination of graduate study. A graduate student may be disqualified from continuing in the graduate program for a variety of reasons. The most common is failure to maintain the minimum cumulative grade point average (3.00) required by the Academic Senate to remain in good standing (some programs require a higher grade point average). Other examples include failure of examinations, lack of timely progress toward the degree and poor performance in core courses. Probationary students (those with cumulative grade point averages below 3.00) are subject to immediate dismissal upon the recommendation of their department. University guidelines governing termination of graduate students, including the appeal procedure, are outlined in *Standards and Procedures for Graduate Study at UCLA*, available at http://www.gdnet.ucla.edu/gasaa/library/spintro.htm.

B. Special Departmental or Program Policy

A student who fails a qualifying examination at the first attempt is required to retake the examination at the next available sitting. A student who does not earn Ph.D. passes in all three of the first-year written qualifying examinations by the second attempt is ineligible to continue in the Ph.D. program. A student who is not making satisfactory progress toward the doctorate degree is notified to meet with the vice-chair for graduate studies, who determines whether to recommend termination to the Graduate Committee. Termination is *normally* recommended in cases where a student: (1) has failed to maintain a 3.00 grade point average by passing all courses with a B or better; (2) has failed to pass all three written qualifying examinations in the first year core fields by the second attempt; (3) has failed to pass all written qualifying examinations in nine total sittings; (4) has failed to advance to candidacy by the end of the second year; or (5) has failed to complete all requirements for the degree by the end of the seventh year. The student is informed of the vice chair's recommendation and a record of this recommendation is placed in the student’s academic file. The student has an opportunity to provide written materials in support of continued enrollment in the Ph.D. program. The Graduate Committee thoroughly reviews the student's record as well as the supplementary materials provided by the student and makes a final recommendation to the Graduate Division.

V. COURSES OFFERED

NOTE: All course schedules and instructors are subject to change. Also, specific course content will vary from year to year. For a detailed course description, please check the individual course website for the most up-to-date syllabus. Course websites can be accessed through http://www.registrar.ucla.edu/schedule/schedulehome.aspx.

PRE-REQUIREMENT FOR CORE COURSES

- 200. Mathematical Methods in Economics (4)
  (Fall 11, John G. Riley)

CORE COURSES

Microeconomics

- 201A. Microeconomics: Theory of the Firm and Consumer (4)
  (Fall 11, William Zame)

- 201B. Microeconomics: Basic Concepts and Techniques of Noncooperative Game Theory and Information Economics (4)
  (Winter 12, Ichiro Obara)

- 201C. Microeconomics: General Equilibrium and Welfare Economics (4)
  (Spring 12, John Riley)

Macroeconomics

- 202A. Macroeconomics: Dynamics and Growth Theory (4)
  (Fall 11, Gary Hansen)

- 202B. Macroeconomics: Business Cycles (4)
  (Winter 12, Lee Ohanian)

- 202C. Macroeconomics: Topics in Macroeconomics (4)
  (Spring 12, Andrew Atkeson)

Quantitative Method

- 203A. Probability and Statistics for Econometrics (4)
  (Fall 11, Rosa Matzkin)

- 203B. Introduction to Econometrics: Single Equation Models (4)
  (Winter 12, Jinyong Hahn)

- 203C. Introduction to Econometrics: Systems Models (4)
  (Spring 12, Zhipeng Liao)

2011-2012 GRADUATE FIELD COURSES

Information and Uncertainty

- 211A. Economics of Uncertainty, Information, and Games (4)
  (Fall 11, Simon Board) Cross-listed with 271A

- 211B. Economics of Uncertainty, Information, and Games (4)
  (Fall 11, Jernej Copic)

- 212A. Topics in Advanced Theory: Search Theory (4)
  (Fall 11, Pierre-Olivier Weill) Cross-listed with 221A

- 207. History of Economic Thought (4)
  (Winter 12, Joseph Ostroy)

- 213B. General Equilibrium and Game Theory (4)
  (Winter 12, Marek Pycia)

- 213A. General Equilibrium and Game Theory (4)
  (Spring 12, Ichiro Obara)

- 212B. Topics in Advanced Theory: Applied Game Theory (4)
  (Spring 12, Moritz Meyer-ter-Vehn)

Monetary Economics

- 221A. Monetary Economics I (4)
  (Fall 11, Pierre-Olivier Weill) Cross-listed with 212A

- 221B. Monetary Economics II (4)
  (Winter 12, Ariel Burstein) Cross-listed with 282B

- 221C. Monetary Economics III (4)
  (Spring 12, Roger Farmer)

Econometrics

- 231A. Econometrics: Single Equation Models (4)
  (Fall 11, Rosa Matzkin)

- 231B. System Models (4)
  (Winter 12, Jinyong Hahn)

- 232M. Topics in Econometrics (4)
  (Spring 12, Maximilian Kasy)

Economic History

- 241. Economic History of Western Europe (4)
  (Fall 11, Dora Costa)

- 242. Economic History of the U.S. (4)
  (Winter 12, Leah Boustan)

Public Finance

- 251B. Topics in Development Economics: Economic Development
  (Fall 11, Arnold Harberger)

Labor Economics

- 261A. Labor Economics I (4)
  (Fall 11, Maurizio Mazzocco)

- 262P. Topics in Labor Economics
  (Fall 11, Adriana Lleras-Muney)

- 261B. Labor Economics II (4)
  (Winter 12, Maria Casanova)

- 262F. Topics in Labor Economics (4)
  (Winter 12, Dayanand Manoli)

- 232M. Topics in Labor Economics
  (Spring 12, Visitor)

Industrial Organization

- 271A. Industrial Organization, Price Policies, and Regulation I (4)
  (Fall 11, Simon Board) Cross-listed with 211A

- 271B. Industrial Organization, Price Policies, and Regulation II (4)
  (Winter 12, Hugo Hopenhayn)

- 271C. Mathematical Theory in Industrial Organization (4)
  (Spring 12, Connan Snider)

International Economics

- 281B. International Finance (4)
  (Winter 12, Aaron Tornell)

- 282A. Topics in International Economics (4)
  (Winter 12, Ariel Burstein) Cross-listed with 221B

- 282B. Topics in International Economics (4)
  (Spring 12, Pablo Fajgelbaum)

Breadth Option (must include one of the following):

- 241. Economic History of Western Europe
- 242. Economic History of the U.S.
- 207. History of Economic Thought

VI. FACULTY FIELD AND RESEARCH DESCRIPTIONS

William R. Allen, Professor Emeritus
Office: 8252 Bunche
Phone: (310) 825-2241
E-mail: midnightecon@cs.com
Field(s): The History of Economic Theory.
Research: The work of Irving Fisher between 1930-1947.

Masanao Aoki, Professor Emeritus
Office: 7271 Bunche
Phone: (310) 825-2360
E-mail: aoki@econ.ucla.edu
Field(s): Applied Macroeconomics.
Research: New approach to macroeconomic modeling by means of jump Markov processes by specifying transition rates appropriately in the backward Chapman-Kolmogorov (master equation); solutions of master equations to obtain aggregate dynamic equations, and fluctuations by solving the associated Fokker-Planck equations; modeling and analysis of multi-agent models to investigate such things as herding behavior and return dynamics, i.e., power-laws in share or stock markets; modeling and analysis of multiple country models by state space time series technique; aggregation of economy with heterogeneous agents by neural network methods; adaptive learning algorithms.

Andrew Atkeson, Stanley M. Zimmerman Professor
Office: 9379 Bunche
Phone: (310) 794-7133
E-mail: andy@atkeson.net
Field(s): Macroeconomics, International Economics.
Research: Macroeconomics, International Economics.

Simon Board, Assistant Professor
Office: 9353 Bunche
Phone: (310) 825-5304
E-mail: sboard@econ.ucla.edu
Field(s): Microeconomic Theory, Industrial Organization.
Research: My research concerns Industrial Organization and the Theory of Contracts. One strand analyses firms' optimal selling strategies in dynamic environments: for example, when selling the rights to an oil well whose value varies over time, or when auctioning a telecoms license to bidders who may later declare bankruptcy. More recently, I've been investigating how relational contracts affect the selection of suppliers and the movement of workers between jobs.

Leah Platt Boustan, Assistant Professor
Office: 9262 Bunche
Phone: (310) 794-4263
E-mail: lboustan@econ.ucla.edu
Field(s): Economic History; Labor Economics; Urban Economics.
Research: Much of my research focuses on the effect of black migration from the rural South during and after World War II on the northern economy. I document a white flight response from central cities, and argue that relocating to the suburbs reflected, in part, a desire for political distance from the policies and school districts in diverse central cities. I am also working on projects concerning the causes and consequences of the relocation of employment from central cities to the suburbs, internal migration in the United States during the Great Depression, and the link between education and economic growth.

Moshe Buchinsky, Professor
Office: 9357 Bunche
Phone: (310) 206-9665
E-mail: buchinsky@econ.ucla.edu
Fields: Econometrics, Labor, Aging.
Research: My research concentrates at studying the dynamics of individual's decision making over time. Part of the research is devoted to studying human capital accumulation over time. Other aspect of my research examines the decision of older people toward the end of their life-cycle. My research in econometrics revolves around the identification and estimation of dynamic models with unobserved heterogeneity.

Francisco Buera, Assistant Professor (On Leave)
Office: 8357 Bunche
Phone: (310) 825-8018
E-mail: fjbuera@econ.ucla.edu
Fields: Economic Development, Macroeconomics.
Research: I am a macroeconomist with a strong interest in economic development. The research topics that I have recently worked on, and that I am currently pursuing include: i) Optimal management of government debt; ii) Entrepreneurship and financial frictions, and the role of financial markets in the process of development; iii) Structural change and economic development; iv) the diffusion of economics policies across countries and over time; v) the role of international trade in the diffusion of technologies.

Ariel Burstein, Associate Professor
Office: 8365 Bunche
Phone: (310) 206-6732
E-mail: arielb@econ.ucla.edu
Field(s): International Macroeconomics.
Research: My research combines quantitative theory and new data to shed light on central questions about the functioning of the world economy: Can the large observed movements in international relative prices be reconciled with the observed patterns of international trade? What are the aggregate consequences of reallocating firm-embedded know-how across countries in the form of FDI? How does international trade change the incentives of firms to engage in innovative activities? Can the increase in globalization account for the observed rise in wage inequality? Can changes in monetary policy lead to large effects on aggregate economic activity?

Maria Casanova, Assistant Professor
Office: 9359 Bunche
Phone: (310) 206-2833
E-mail: casanova@econ.ucla.edu
Field(s): Applied Microeconomics, Labor Economics.
Research: Consumption and labor supply; household behavior; economics of aging.
My research concerns inter-temporal decision-making of individuals and households. The main focus is on labor supply and consumption/saving choices. A strand of my research focuses on retirement. I study the role of Social Security rules, private pensions, private wealth, labor income, and health status in determining retirement choices, both at the individual and couple level. I also study the extent to which correlations in spouses' preferences lead to coordinated retirement decisions.

Jernej Copic, Assistant Professor
Office: 8337 Bunche
Phone: (310) 825-3810
E-mail: jcopic@econ.ucla.edu

Dora Costa, Professor
Office: 9272 Bunche
Phone: (310) 825-4249
E-mail: costa@econ.ucla.edu
Field(s): Economic History, Demographic Economics, Economics of Aging.
Research: 1) long-run trends in elderly health and in retirement; 2) effects of social networks on economic decisions and on health outcomes; 3) assessing trends in well-being.

Harold Demsetz, Professor Emeritus
Office: 8246 Bunche
Phone: (310) 825-3651
E-mail: hdemsetz@econ.ucla.edu
Field(s): Industrial Organization, Law and Economics.
Research: Issues of monopoly and competition; the economics of the firm; public policy toward business.

Pascaline Dupas, Assistant Professor (On Leave)
Office: 9258 Bunche
Phone: (310) 825-7380
E-mail: pdupas@econ.ucla.edu
Field(s): Development Economics, Applied Microeconomics.
Research: My areas of research are applied microeconomics and development economics. I am current conducting field experiments in health, education, and microfinance in Kenya, Ghana, and Morocco. My recent work includes studies of adolescents' behavioral response to information about HIV in Kenya, the impact of pupil-teacher ratio and initial achievement tracking on school achievement, and the impact of village banks on micro-enterprise development.

Bryan Ellickson, Professor Emeritus
Office: 8363 Bunche
Phone: (310) 825-4556
E-mail: ellickson@econ.ucla.edu
Field(s): Mathematical Economics, Game Theory, Urban Economics, Public Goods.
Research: Stochastic equilibrium in markets with indivisible commodities; economics of the human genome.

Pablo Fajgelbaum, Assistant Professor
Office: 8347 Bunche
Phone: (310) 794-7241
E-mail: pfajgelbaum@econ.ucla.edu
Field(s): International Trade, Macroeconomics.
Research: International Trade Patterns, Foreign Investment, and Quality Differentiation; Interaction between Trade and Labor Markets; Firm Dynamics.

Roger Farmer, Chair and Distinguished Professor
Office: 8345 Bunche
Phone: (310) 825-6547
E-mail: rfarmer@econ.ucla.edu
Field(s): Macroeconomic Theory, Monetary Theory.
Research: I work on self fulfilling prophecies in macroeconomics. Most recently I have been engaged on three projects. 1) How to understand rational expectations models when policies may occasionally change. 2) A treatise that brings Keynesian economics up to date with modern dynamic general equilibrium theory. 3) How to use regime change to identify equations in models of the monetary transmission mechanism.

Jinyong Hahn, Professor
Office: 8383 Bunche
Phone: (310) 825-2523
E-mail: hahn@econ.ucla.edu
Field(s): Econometric Theory.
Research: My main research area is microeconometrics, in particular, panel data analysis. I have developed several methods to overcome incidental parameter problems.

Gary D. Hansen, Professor
Office: 9369 Bunche
Phone: (310) 825-3847
E-mail: ghansen@econ.ucla.edu
Field(s): Macroeconomics.
Research: Macroeconomic theory and policy; equilibrium business cycles; aggregate labor markets.

Arnold Harberger, Distinguished Professor
Office: 8375 Bunche
Phone: (310) 825-7520
E-mail: harberger@econ.ucla.edu
Field(s): Public Finance; Development Economics; Cost-Benefit Analysis; Monetary and Exchange Rate Policy in Developing Countries; Process of Economic Growth.
Research: I work part time as chief economic adviser to USAID (the foreign aid agency of the United States). In that role, I write a number of papers each year on topics of interest and relevance to the agency. Recent papers cover each of the five fields listed above.

Hugo Hopenhayn, Professor
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Fields: Hugo Hopenhayn's research has made significant contributions to the theory of dynamic optimal contracting and mechanism design with important applications to patent design and the impact of financial frictions on firm dynamics. He has also continued his line of research into the optimal design of unemployment insurance.

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Research: Mathematical economic theory; applications of quantitative economics to strategy and arms control; health economics; the future of the Russian economy.

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Research: Model Selection with Shrinkage Methods, Sieve Methods in Semi/nonparametric Models, Time Series.

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Research: The relationships between socio-economic status (in particular education) and health; the effect of disease on income and economic development; the determinants of fertility.

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Research: My current research examines the labor supply effects of social security benefits. More specifically, my current project focuses on identifying and estimating the income and price effects from pension benefits on individuals' retirement decisions using both reduced-form and structural techniques. In other work, I have a theoretical project on optimal income taxation with labor market signaling and an empirical project studying the signaling value of education.

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Research: My research has been aimed at creating a tight connection between econometrics and economic theory, relaxing, at the same time, the parametric restrictions that one typically imposes when estimating a model. When doing applied work, one may decide to make parametric assumptions because of computational benefits, scarcity of data, or other important considerations. Analyzing what can be inferred when such assumptions are not in place allows one to learn what type of conclusions do not depend on such parametric specifications. A tight connection between econometrics and economic theory allows one to interpret estimates in terms of the elements of the model, and to evaluate counterfactuals under environments where some of the elements in the model do not change. It also allows one to determine whether observations are consistent with any particular model.

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Research: Household decision; inter-temporal collective models; risk sharing; consumption.

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Research: Economics of aging; empirical studies of poverty rates for the population.

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Research: Dynamic information aggregation; mechanism design; dynamic mechanism design; auction theory.

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Field(s): Comparative Systems, Economic History, Socialist Theory.
Research: Necessary conditions for the rise of economic complexity, and the sources of patterns and stabilities in economic analyses of that complexity; analysis of the impact of foreign ownership on the U.S. political economy.

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Research: Economic crises and booms; long-run economic growth; the impact of taxes on economic activity; money and inflation.

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Research: Inequalities/differences in a globalizing world as manifested in gender relations, productivity growth, and international private capital markets; psychoanalytic perspectives on the methodology and theory of the individual in economics.

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Research: Theory of contests; economics of incentives.

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Research: Snider is an industrial organization economist with particular interest in understanding how we should do competition policy, regulation, and market design in environments where firms and consumers interact strategically and over time. His recent research has studied allegedly predatory practices in the airline industry and the impact of regulations forcing airports to make gate space more available to potential entrant airlines.

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Research: Lending booms and financial crises; robust forecasting and asset pricing.

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Research: Search frictions in asset markets; quantitative models of economic geography; information transmission.

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Research: International capital flows; sovereign debt and default; the macroeconomics of development.

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Research: 1) collateral and collateralized securities; 2) moral hazard and adverse selection in competitive markets; 3) location; 4) linking personal and moral preferences; 5) ambiguity in asset markets.