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| USC SCHOOL | Dornsife |
| ACADEMIC DEPARTMENT | Economics |
| GRADUATE PROGRAM | M.S. in Applied Economics and Econometrics |
| POST CODE | 1762 |
| TERM EFFECTIVE DATE | Spring 2021 |

PROGRAM DESCRIPTION

A brief description of the graduate program.

Our program offers students the unique opportunity to master core knowledge of economic theory while advancing their applied knowledge in the following specialization tracks: behavioral economics, big data, consulting, finance, health and policy. Students may choose to pursue a track or they may choose to select from approved economic courses that best serve their academic and career interests. The Master of Science in Applied Economics and Econometrics program is a STEM designated program, which allows international students with F-1 visas to apply for a 24-month optional practical training (OPT) extension. After completing our program, our alumni go on to pursue careers in the private, public, and non-profit sectors. Our alumni may choose the MS AEE program to prepare for PhD programs in Economics and other related programs.

COMMON BACHELOR DEGREE PROGRAM PATHWAYS

A list of common bachelor's degrees that undergraduate students pursue in advance of pursuing a progressive degree option with this graduate program. Some programs are restricted to certain majors while others are open to all students.

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|---------------------------|-------------------------|
| Economics | Public Policy |
| Economics and Mathematics | International Relations |
| Political Economy | Political Science |
| Business | Mathematics |

PREPARATORY UNDERGRADUATE COURSES

A list of courses at the undergraduate level that prepare students for the graduate program. Required coursework is listed first, followed by recommended courses. If not applicable, this section will be blank.

| Dept. Prefix - Course # | Course Title | Required or Recommended | Units |
|--------------------------------|------------------------------------|--------------------------------|--------------|
| ECON 303 or equivalent | Intermediate Microeconomic Theory | Required | 4 |
| ECON 305 or equivalent | Intermediate Macroeconomic Theory | Required | 4 |
| ECON 317 or equivalent | Intro. to Statistics for Economics | Required | 4 |
| *ECON 318 or equivalent | Intro. to Econometrics | Required | 4 |

UNDERGRADUATE COURSES USED TO REDUCE GRADUATE LEVEL UNITS

A list of undergraduate level courses that may be used to reduce the number of graduate level units required for the graduate program. If there are none, that is specified instead.

| Dept. Prefix - Course # | Course Title | Units |
|-------------------------|---|-------|
| | UNIT REDUCTION: Students with 3.75 or greater GPA's may have their overall graduate units reduced by 8. | |

CORE GRADUATE PROGRAM REQUIREMENTS (# units required)

A list of all required graduate courses for the graduate program. None of these courses may be used toward satisfying undergraduate degree requirements.

If special exceptions for any of these courses are made by the academic department, the course # is marked with an asterisk () and the exception is explained in the "Department Notes" section at the end of this course plan template.*

| Dept. Prefix - Course # | Course Title | Units |
|----------------------------|---|-------|
| ECON 500 (core course) | Microeconomic Analysis and Policy | 4 |
| ECON 501 (core course) | Macroeconomic Analysis and Policy | 4 |
| ECON 513 (core course) | Practice of Econometrics | 4 |
| *ECON 570 or (core course) | Big Data Econometrics | 4 |
| *ECON 584 (core course) | Economic Consulting and Applied Econometrics | 4 |
| Additional elective Units | Elective courses chosen from 500 and select 600-level ECON courses. | 16 |

PRE-APPROVED ELECTIVE COURSEWORK

Elective coursework is approved at the discretion of the academic department. Note the following details about the total number and units required of elective coursework.

| |
|---|
| 4 |
|---|

TOTAL ELECTIVE COURSES REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE

| |
|----|
| 16 |
|----|

TOTAL ELECTIVE UNITS REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE

TOTAL UNIT COUNTS AND REQUIRED GRADUATE UNITS

| |
|----|
| 32 |
|----|

TOTAL UNITS REQUIRED FOR THE TRADITIONAL GRADUATE DEGREE

| |
|---|
| 8 |
|---|

TOTAL GRADUATE UNITS THAT MAY BE WAIVED (IF ANY)

| |
|----|
| 24 |
|----|

MINIMUM NUMBER OF GRADUATE UNITS THAT MUST BE AT THE 500 LEVEL OR ABOVE

NOTES FROM THE DEPARTMENT

This section highlights any unique considerations, exceptions, or requirements for the graduate program. If a program has specific restrictions (courses, majors, etc.), they are detailed below.

PREPARATORY UNDERGRADUATE COURSES: All these courses (or equivalents) must be completed prior to beginning the MS AEE program. Students may still be pursuing these courses while applying to the program.

CORE GRADUATE PROGRAM REQUIREMENTS: We have 4 core courses (16 units). The 4th core course can be either ECON 570, Big Data Econometrics or ECON 584, Economic Consulting and Applied Econometrics

UNIT REDUCTION: Students with 3.75 or greater GPA's may have their overall graduate units reduced by 8.

Romain Ranciere

Name of Authorizing Master's Program Dean

04/09/2021

Date Approved

Department Chair of the Economics Department

Authorizing Dean's Title