

REQUIREMENTS FOR THE BA ECONOMICS MAJOR WITH PUBLIC POLICY EMPHASIS

UNIVERSITY OF COLORADO BOULDER

The Economics Major with Public Economics Emphasis is designed for qualified economics majors who have an interest in courses with a public policy perspective both within the Economics Department and in other departments. This program is recommended for Economics majors who are considering careers in law; local, state or federal government; government agencies; international bodies such as the United Nations or the World Bank; pressure groups; politics; planning; organizations focused on environmental policy; and in organizations focused on other areas of public policy. Students completing this program will receive a certificate from the Economics Department upon graduation. Completing this emphasis does not provide a distinctive diploma/transcript.

The Public Emphasis may be added to the Economics major track after the student has completed at least two of the following intermediate-level courses (ECON 3070, 3080 and/or 3818), and attains at least a 3.0 GPA in the economics major and in two of the three stated courses. Students interested in adding this emphasis should contact their Economics advisor once they satisfy these conditions. All Economics and ancillary courses applied to the emphasis must be completed with grades of C- or better. A student's major GPA must be at or above 3.000 at the time of graduation for the emphasis certificate to be awarded.

Students must complete **at least 32 hours of Economics courses plus 9 hours of upper division public policy-related ancillary course work** from outside the Economics Department. ECON 1078 and 1088 do not count toward either the minimum economics credit requirement or the economics major GPA calculation. With presentation of a course syllabus, the Associate Chair for Undergraduate Studies will consider topically relevant courses on a case-by-case basis for fulfillment of the required ancillary course work in substitution for those listed below. Please contact your Economics advisor for further assistance. Transfer students must complete at least 6 hours of this ancillary course work at the University of Colorado Boulder.

I. REQUIRED ECONOMICS COURSES

A. Lower Division – Econ. Requirements

ECON 2010 Principles of Microeconomics and ECON 2020 Principles of Macroeconomics (8 hrs.)

Lower Division - Math Requirements*

- Choose one
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| Option 1 | ECON 1088 <u>Math Tools for Economists 2</u> (3 hrs.) <i>Prerequisite: ECON 1078, Math Tools for Economists 1</i> |
| Option 2 | MATH 1330 <u>Calculus for Social Sciences/Business</u> (4 hrs.) <i>Prerequisite: MATH 101I, College Algebra</i> |
| Option 3 | MATH 1300 <u>Analytic Geometry and Calculus 1</u> (5 hrs.) <i>Prerequisite: MATH 1150, Pre-calculus Mathematics</i> |
| Option 4 | Department-approved equivalents or substitutions |

*For students matriculating before Fall 2017, an ALEKS Math Assessment Score of 61% is sufficient to enroll in ECON 1088 and MATH 1330. A Score of 76% is sufficient for MATH 1300. For students matriculating Fall 2017 and later, placement is based on assessed math background. **However, discussion of appropriate math enrollment with an Economics advisor is highly recommended.**

B. Upper Division Requirements

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| Take all | ECON 3070 <u>Intermediate Microeconomic Theory</u> (4 hrs.) <i>Prerequisites: ECON 2010 & Calculus</i> |
| | ECON 3080 <u>Intermediate Macroeconomic Theory</u> (3 hrs.) <i>Prerequisites: ECON 2020 & Calculus</i> |
| | ECON 3818** <u>Intro. to Economics Statistics with Computer Applications</u> (4 hrs.) <i>Prerequisites: ECON 2020 & Calculus</i> |
| Choice of | ECON 4818 <u>Intro. to Econometrics</u> (3 hrs.) OR ECON 4848 <u>Applied Econometrics</u> (3hrs)
<i>Pre-requisites for both courses: ECON 3070 & ECON 3818</i> |

**APPM 4520, APPM 4570, CHEN 3010, CVEN 3227, MATH 4520, CSCI 3022 are approved substitutes for ECON 3818. Students are not required to complete a replacement economics course when applying an approved substitute statistics course.

C. Required Foundation Course in Public Policy (3 hrs.)

ECON 4211 Economics of the Government Sector

D. Applications and Tools Courses in Public Policy (6 hrs.) All courses are 3 credit hrs. **Choose two**

ECON 4221 <u>Political and Public Choice Economics</u>	ECON 4616 <u>Labor Economics</u>
ECON 4231 <u>Practicum in Public Policy</u>	ECON 4626 <u>Economics of Inequality and Discrimination</u>
ECON 4242 <u>Urban Economics: The Economics of Cities</u>	ECON 4646 <u>Topics in Health Economics</u>
ECON 4535 <u>Natural Resource Economics</u>	ECON 4784 <u>Economic Development</u>
ECON 4545 <u>Environmental Economics</u>	
ECON 4555 <u>Transportation Economics</u>	

E. Economics Elective Courses

3 credit hours of 4000-level economics electives

Note: 6 hrs. required for those transferring six credits of micro and macro Principles courses.

II. CREDIT HOURS OUTSIDE ECONOMICS

Students must also complete 9 hours of upper division course work in other departments. The following is a list of courses in other departments that may be used to satisfy this requirement. Students are responsible for completing the prerequisites needed for the courses they choose. With presentation of a course syllabus, the Associate Chair for Undergraduate Studies will consider topically relevant courses on a case-by-case basis for fulfillment of the required ancillary course work in substitution for any of those listed below. Transfer students must complete at least 6 hours of this ancillary course work at the University of Colorado Boulder.

NON-ECONOMICS COURSES (9 Hours)**A. College of Arts & Sciences**

		<u>Prerequisites</u>
ANTH 4610	Medical Anthropology	ANTH 2100* Restricted to Juniors and Seniors
ATOC 4800	Policy Implications of Climate Controversies	ATOC 1060 or ATOC 3600
ENVS 3022	Climate Politics and Policy	ENVS 1000 or GEOG 1972*
ENVS/PHYS 3070	Energy and the Environment	
ENVS 3032	Environment, Media and Society	ENVS 1000*
ENVS 3064	Environment and Political Theory	
ENVS 3520	Energy and Climate Change: An Interdisciplinary Approach	Two Course Science Sequence*
ENVS 3525	Intermediate Environmental Problem Analysis	ENVS 1000*
ENVS 3621	Energy Policy and Society	ENVS 1000 and ENVS 3070 or PHYS 3070*
GEOG 3022	Climate Politics and Policy	Two Course Science Sequence*
GEOG 3612	Geography of American Cities	
GEOG 3662	Economic Geography	
GEOG 4292	Migration, Urbanization and Development	GEOG 1962, 1972, 1982, 1992 or 2092* 2002, or 2412*
GEOG 4622	City Life	GEOG 1962, 1972, 1982, 1992 or 2092* 2002, or 2412*
INVS 3000	Innovative Approaches to Contemporary Issues through Services Learning	Upper division status*
INVS 3402	Implementing Social and Environmental Change	
PHYS 3000	Science and Public Policy	Completion of core science requirement*
PSCI 3021	US Campaigns and Elections	PSCI 1101*
PSCI 3031	Political Parties and Pressure Groups	PSCI 1101*
PSCI 3041	The American Congress	PSCI 1101*
PSCI 3051	Public Opinion and Political Behavior	PSCI 1101*
PSCI 3061	State Government and Politics	PSCI 1101*
PSCI 3064	Environment Political Theory	PSCI 2004*
PSCI 3071	Urban Politics	PSCI 1101*
PSCI 3092	Comparative Political Economy	PSCI 2012*
PSCI 3101**	Black Politics	PSCI 1101*
PSCI 3206	The Environment and Public Policy	PSCI 1101 or PSCI 2012*
PSCI 3211	The Politics of Economic Inequality in the United States	PSCI 1101
PSCI 3225	Strategy and Politics	PSCI 1101, PSCI 2012 or PSCI 2223*
PSCI 3271	Law and Society: The Interaction between Legal Institutions and Human Behavior	PSCI 1101*
PSCI/WMST 3301	Gender, Sexuality and US Law	PSCI 1101 or WMST 2000*
PSCI 4016	Inequality and Public Policy in the U.S. and Europe	PSCI 1101, 2012,
PSCI 4131**	Latinos and the U.S. Political System	PSCI 1101*
PSCI 4106	Issues and Challenges I American Green Energy Policy	
PSCI 4241	Constitutional Law I	PSCI 1101*
PSCI 4341	Media and Politics	PSCI 1101*
PSCI 4716	Selected Policy Problems	PSCI 1101 Restricted to Juniors and Seniors
PSCI 4731	Civic Engagement in America	PSCI 1101*
PSCI 4732	Critical Thinking in Development	PSCI 2012*
PSCI 4751	The Politics of Ideas	PSCI 1101*
SOCY 3141**	Social Movements in the U.S.	SOCY 3001, Restricted to Juniors and Seniors
SOCY 3201**	Sociological Research Methods	SOCY 2061, ANTH 4000, EBIO 4410, ECON 3818, GEOG 3023, IPHY 2800, MATH 2510, PSCI 2075, PSYC 2111, EDUC 4716, Sociology Majors Only
SOCY 4007	Global Human Ecology	Restricted to Juniors and Seniors
SOCY 4052	Social Inequalities in Health	Restricted to Juniors and Seniors
SOCY 4086	Family and Society	SOCY 3001*
SOCY 4117	Food and Society	Restricted to Juniors and Seniors
SPAN 3060	Spanish for Careers in Environmental Studies and Sustainable Development	SPAN 3000

*Recommended prerequisites.

**Enrollment in these courses controlled by specific major departments. Contact respective advisors for assistance.