

## REQUIREMENTS FOR THE BA ECONOMICS MAJOR WITH PUBLIC 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 local, state or federal government; in government agencies; in international bodies such as the United Nations or the World Bank; in pressure groups; in politics; in planning; in law; in 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 are in compliance with 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 public policy-related ancillary course work** from outside the Economics Department. ECON 1078 and 1088 do not count toward the minimum economics credit requirement, but do count in the Econ major GPA calculation. With presentation of a course syllabus, the Undergraduate Studies Director 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 at 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	Option 1	ECON 1078 <u>Math Tools for Economists 1</u> and ECON 1088 <u>Math Tools for Economists 2</u> (6 hrs.) <b>OR</b>
One option	Option 2	MATH 1071 <u>Finite Mathematics</u> and MATH 1081 <u>Calculus for Social Sciences/Business</u> (6 hrs.) <b>OR</b>
	Option 3	MATH 1150 <u>Precalculus Mathematics</u> and MATH 1300 <u>Analytic Geometry and Calculus 1</u> (9 hrs.) <b>OR</b>
	Option 4	Eight hours of mathematics at or above the level of MATH 1300 (MATH 2380, probability and statistics courses not applicable)

\* At the time the major is declared, if the student has only completed an equivalent Calculus course, he/she may elect to either complete an additional quantitative economics course (ECON 4070/4808/4818/4838/4848/4858/4868), in addition to the upper division requirements stated above, or complete an equivalent Calculus II course, in place of the finite-level/pre-calculus course

##### B. Upper Division Requirements

Take all	ECON 3070	<u>Intermediate Microeconomic Theory</u> (3 hrs.)
	ECON 3080	<u>Intermediate Macroeconomic Theory</u> (3 hrs.)
	ECON 3818**	<u>Intro. to Economics Statistics with Computer Applications</u> (4 hrs.)
Choice of:	ECON 4818	<u>Intro. to Econometrics</u> (3 hrs.) <b>OR</b> Econ 4848 <u>Applied Econometrics</u> (3 hrs.)

\*\*APPM 4520, APPM 4570, CHEN 3010, CVEN 3227, MATH 4520, SOCY 4061 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 4535	<u>Natural Resource Economics</u>	ECON 4646	<u>Topics in Health Economics</u>
ECON 4545	<u>Environmental Economics</u>	ECON 4784	<u>Economic Development</u>
ECON 4555	<u>Transportation Economics</u>		

##### E. Economics Elective Courses

3 credit hours of 4000-level economics electives (6 hours if 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 Undergraduate Studies Director will consider topically relevant courses on a case-by-case basis for fulfillment of the required ancillary business 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 at Boulder.

### NON-ECONOMICS COURSES (9 Hours)

<u>A. College of Arts &amp; Sciences</u>	<u>Prerequisites</u>
ENVS 3070 Energy and the Environment	
ENVS 3520 Environmental Issues in Geosciences	A two-course sequence in any natural science
GEOG 3422 Conservation Thought	
GEOG 3662 Economic Geography	
GEOG 4292 Migration, Urbanization and Development	GEOG 1982, 1992, 2002, or 2412*
GEOG 4622 City Life	GEOG 1982, 1992, 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 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 3101** Black Politics	PSCI 1101
PSCI 3271 Law and Society: The Interaction between Legal Institutions and Human Behavior	PSCI 1101
PSCI 4131** Latinos and the U.S. Political System	PSCI 1101
PSCI 4241 Constitutional Law 1	PSCI 1101 and junior standing
SOCY 3141** Social Movements in the U.S.	SOCY 1001, and 3001 or 3011
SOCY 3151** Self in Modern Society	SOCY 1001, and 3001 or 3011
SOCY 3301** Survey Methods	SOCY 1001, 2061, and SOCY 3001 or SOCY 3011
<u>B. College of Business and Administration</u>	
BCOR 3000 Business Law, Ethics and Public Policy	52 credit hours completed

\*Recommended prerequisites.

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