

ECONOMICS – PHILOSOPHY

Undergraduate Requirement Check List

Important Notes:

- 1) This is a check list for your convenience only - it does not replace the bulletin. For details regarding the requirements below you must consult the bulletin.
- 2) You must receive a grade of **C-** or higher in any class taken for major credit. The **ONLY** exception is UN1105 Principles which you may take Pass/D/Fail and must receive a “P” grade for it to count towards the major. If you have taken a required class **P/D/F**, then you will be required to **uncover the P**. After receiving a P, you may not retake a course for a letter grade.
- 3) You must have all **transfer credits** for economics classes approved by the economics department. For information on what transfer courses will be accepted and how to obtain approval for transfer credits in economics, math and statistics, go to: <http://econ.columbia.edu/transfer-credit-information>.
- 4) **ECON and Math AP/IB/GCE Credits:** said credits must appear in your SSOL transcript in order for the department to credit you with the completion of those core courses (ECON_UN1105, MATH_UN1101). **GS Students:** said credits must be confirmed in writing by your school advisor to the department. **NEW: High school math and IB math Standard-level exam** that exempt students from MATH UN1101, but do not grant college credits must have those missing credits replaced by taking an **additional course** – for details, go to: <https://econ.columbia.edu/undergraduate/requirements-and-forms/>
- 5) You will not receive major credit for a course taken before the completion of its pre-requisites.

A. ECONOMICS Requirements

I. Quantitative Requirements

- _____ MATH UN1101 **Calculus I**, or MATH UN1102 **Calculus II**, or AP credits
- _____ MATH UN1201 **Calculus III** (*Prerequisites: MATH UN1101 or UN1102*) or MATH UN1205 **Accelerated Multivariable Calculus** (*Prerequisites: MATH UN1101, UN1102*)
- _____ STAT UN1201 (*W1211*) **Intro to Statistics** (*Prerequisite: MATH UN1101*)

Notes:

- 1) You may substitute the Honors math sequence (UN1207-1208) for Calculus I and III, and you may substitute a higher level stats course, such as STAT UN4204 (*W3107*) or STAT GU4001 (*W4150*) for STAT UN1201.
- 2) You should consult with the Math department's placement rules for calculus in the bulletin.

II. Core Courses

Students may not take any of the core economics courses concurrently with a senior seminar in economics. You must complete all of these courses at least one semester before your planned graduation date. If you are planning to take any of these courses in your penultimate semester, then you must write to the DUS for specific permission to do so. You may not take any of the Barnard core economics classes to replace any of the classes listed below.

- _____ UN1105 **Principles of Economics** or AP credits (you must have a grade of 9 or 10 on the AP exam) or IB credits (6 or 7 on the higher level exam). *No Prerequisites.*
- _____ UN3211 **Intermediate Microeconomics** (*Pre-reqs: ECON UN1105; MATH UN1201 or UN1205 or UN1207*)
- _____ UN3213 **Intermediate Macroeconomics** (*Pre-reqs: ECON UN1105 and MATH UN1101; Co-Req: MATH UN1201, or UN1205, or UN1207*)
- _____ UN3412 **Introduction to Econometrics** (*Pre-reqs: ECON UN3211 or UN3213;*

List any **departmental approved substitution(s)**, including transfer credits, for above requirements.

III. Electives

You must take **three** electives; **two** of three electives must be from the prescribed list below, and the remaining elective may be any economics elective at the 3000 level and above. All electives in the department at the 3000 or 4000 level require BOTH UN3211 and UN3213 as prerequisites (and some have additional pre-requisites). Please consult the bulletin for prerequisites for Barnard elective courses.

- GU3901 Economics of Education
- UN3953 Causes and Consequences of Inequality
- GU4020 Economics of Uncertainty and Information
- GU4211 Advanced Microeconomics **(Prerequisites include MATH UN2010 and Co-requisites: Math UN2500 or Math GU4061)*
- GU4213 Advanced Macroeconomics **(Prerequisites include UN3412, MATH UN2010)*
- GU4228 Urban Economics
- GU4230 Economics of New York City
- GU4235 Historical Foundations of Modern Economics
 or BC3041 Theoretical Foundations of Political Economy
- GU4260 Market Design
- GU4301 Economic Growth and Development
- GU4321 Economic Development
 or BC3029 Development Economics
- GU4370 Political Economy
- GU4400 Labor Economics
 or BC3019 Labor Economics
- GU4415 Game Theory
 or BC3080 Applied Game Theory
- GU4438 Economics of Race in the United States
- GU4465 Public Economics
- GU4480 Gender and Applied Economics
- GU4500 International Trade
- GU4615 Law and Economics
- GU4625 Economics of the Environment
- GU4630 Climate Finance
- GU4750 Globalization and its Risks
- GU4840 Behavioral Economics
 or BC3048 Intro to Behavioral Economics
- GU4850 Cognitive Mechanism and Economic Behavior
- BC3011 Inequality and Poverty

	<u>Course No.</u>	<u>Title</u>
1)	_____	_____
2)	_____	_____
3)	_____	_____

Rules for Barnard Electives, Transfer and AP Credits:

The joint major with Philosophy must take a minimum of 7 lecture courses in economics (this count does not include courses in math and statistics). Students are required to take a **minimum of 5 lecture courses in the department**. Credits from *Barnard 3000 level electives*, *departmental approved transfer credits*, and *AP/ IB/ GCE* may be used to fulfill the requirements for the remaining 2 lecture course.

List number of courses taken in the economics department: _____ (*minimum = 5*)

IV. Seminar

You must take **ECPH GU4950** Economics and Philosophy Seminar.

List any **approved substitution(s)**, including transfer credits, for above requirements.

Students who have questions about any of the above requirements should first consult the bulletin or the online **page** at: <https://econ.columbia.edu/undergraduate/student-information/faq/>

If after consulting the bulletin and the FAQ page you still have questions, then contact: econ-advising@columbia.edu.

B. PHILOSOPHY Requirements (please consult with the philosophy advisor)

Required Courses

- _____ UN1010 Methods and problems of philosophical thoughts
- _____ UN3411 Introduction to Symbolic Logic
- _____ UN3701 Ethics
- _____ UN3551 Philosophy of science
 or *UN3960 Epistemology*
- _____ GU4561 Probability and Decision Theory
 or *PHIL GU4565 Rational Choice*