THE CERTIFICATE IN ECONOMICS at Georgia Tech

The school of Economics offers a certificate in economics for students in all disciplines at Georgia Tech. The certificate program provides a general acquaintance with economics thought and is especially valuable for students considering graduate work in law or business administration. It should also be attractive to students who wish to broaden their education and to understand the forces that shape the modern world.

Requirements for the certificate

The certificate requires a minimum of 12 semester hours in Economics. You must complete at least 6 of the 12 semester hours with advanced upper level courses (numbered 3000 or above). You must complete all courses counting toward the certificate on a letter-grade basis and with an overall grade point average of at least 2.0. You may also use courses to fulfill area requirements (free electives, technical electives, social science electives, etc.) as approved by your major school.

Some Limitations

You may not use courses required by name and number in your major degree program toward the certificate. You may not use more than 4 semester hours of Special Topics courses in a certificate program. You may not use Special Problem courses in a certificate program.

The Procedure

You may select a certificate in Economics in consultation with your advisor in your major field. You should then contact the Assistant Director for Academic Programs for the School of Economics. Together, you and the Assistant Director should verify your course of study for the certificate. You may choose a pre-approved Certificate plan or develop a customized Certificate plan.

If you choose a customized Certificate plan, you should complete the APPLICATION TO JOIN THE CERTIFICATE PROGRAM IN ECONOMICS: Customized Certificate Plan contained in this packet and seek approval for your plan by the Assistant Director for Academic Programs for the School of Economics prior to taking any classes.
The semester you graduate, you will complete the attached petition for the minor, attach a copy of an unofficial transcript, and submit it to the Assistant Director for Academic Programs for the School of Economics.

**PRE-APPROVED CERTIFICATE PLAN**

**Required Courses**

The Assistant Director for Academic Programs for the School of Economics has pre-approved the following classes to complete a certificate:

- ECON 2106 Principles of Microeconomics
- ECON 3110 Advanced Microeconomics

Two Economics courses of the 3000+ level to complete an industry or academic focus from the following selections

**Suggested Industry Focuses**

**Banking**
- ECON 4060 Money and Capital Markets
- ECON 4340 Industrial Organization

**Energy**
- ECON 4813 Energy Economics
- ECON 4340 Industrial Organization

**Health Economics**
- ECON 4510: Health Economics
- ECON 4340: Industrial Organization

**Labor Economics**
- ECON 4232: Labor Economics
- ECON 4340: Industrial Organization
Suggested Academic Focuses

Environmental Economics
The study of how decisions by households and firms impact the environment and the estimation of that impact on social welfare. Used in environmental lawsuits and design of government regulation.
ECON 4440 Economics of the Environment
ECON 4421 Urban and Regional Economics

Industrial Organization
The study of how firms interact in a market and the estimation of that interaction on market power and social welfare. Primarily used in by government and firms in anti-trust lawsuits and by firms for pricing strategy.
ECON 4340: Industrial Organization
ECON 4360: Network Economics

International Economics
The study of how government and social institutions affect international trade amongst nations and the estimation of the impact of those institutions on the level of international trade. Primarily used by government to establish policy and large firms to establish trade strategy.
ECON 4350: International Economics
ECON 4355: Global Financial Economics

Developing Economies
The study of the impact of various social and government institutions at the local, national, and international level on the rate of growth of markets within nations with lower gross domestic product per capita (income) and the estimation of those institutions on a nation’s rate of growth of their gross domestic product. Primarily used by government to establish policy and firms to develop market entry strategy.
ECON 4411: Economic Development
ECON 4813: Security and Conflict in Developing Countries

Globalization
The study of the impact of international institutions on the flow of products, services, and financial assets between countries and the estimation of those institutions on that flow of products services and financial assets. Primarily used by government to establish policy and large firms to establish trade strategy.
ECON 4355: Global Financial Economics
ECON 4311: Global Enterprise
Use the form on the following page only if you wish to use a pre-approved Certificate plan.

Otherwise, use the two page form at the end of this packet.

Remember, that if you wish to develop a customized Certificate plan, you should obtain approval of the Assistant Director of Academic Programs before taking any economics classes.
APPLICATION TO JOIN THE CERTIFICATE PROGRAM IN ECONOMICS

Pre-Approved Certificate Plan

When you enter the certificate program, you should provide the personal information requested in the first part of the application. No transcript or list of courses is required at this stage of your program.

When you are in your final semester at Georgia Tech, you should complete the application in detail and attach a copy of your transcript or your latest grade report. To ensure timely delivery of your certificate, please file the application early in the planned semester.

If you are eligible for membership in ODE, submit your application immediately upon completion of 10 semester hours in economics.

(Please print all information legibly, as it is to appear on certificate)

Last Name    First Name    M.I.    Major
Date of Birth
Permanent Mailing Address
City, State and Zip Code
Student Identification Number
Are you a candidate for ODE?    Yes/No
(Economics Honor Society) Circle

List below the courses taken to complete requirements for a Certificate in Economics, the grade earned in each, and the semester the course was taken. Do not list courses required for your undergraduate degree.

Economic Specialty: __________________________

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APPLICATION TO JOIN THE CERTIFICATE PROGRAM IN ECONOMICS

Customized Certificate Plan (Page 1 of 2)

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APPLICATION TO JOIN THE CERTIFICATE PROGRAM IN ECONOMICS

Customized Certificate Plan (Page 2 of 2)

Last Name  First Name  Student ID  Major

Summarize your career goals:

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

Certificate Specialty Name (ie: Industrial Organization): ____________________________

Course       Course

_________________________________________  ___________________________

_________________________________________  ___________________________

Unifying theme of Certificate Specialty: _________________________________________

________________________________________________________________________

________________________________________________________________________

Describe how this Certificate Specialty applies to your career goals:

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

I approve these courses for the student to use as a Cluster towards a Masters Degree

_________________________________________

Assistant Director for Academic Programs