

ECONOMICS MAJOR WITH POLICY AND REGULATION OPTION

Program Curriculum

Code	Title	Credits
Degree Core Requirements		
Courses in Degree Core Requirements must be completed with a grade of C- or better.		
ECON 2005 & ECON 2006	Principles of Economics and Principles of Economics (C-)	6
ECON 3104 & ECON 3204	Microeconomic Theory and Macroeconomic Theory (C-)	6
ECON 3254	Applied Econometrics (C-)	3
MATH 1226	Calculus of a Single Variable (C-)	4
STAT 3005	Statistical Methods (C-)	3
Subtotal		22
Major Requirements		
ECON 1004	First Year Experience Seminar ⁶	1
Subtotal		1
Major Requirements Restricted Electives		
Select five of the following: ¹		15
ECON 3024	Economic Justice	
ECON 3034	Economics of Poverty and Discrimination	
ECON 3144	Economics of Regulation	
ECON 3214	Money and Banking	
ECON 3314	Middle East Economics	
ECON 3914	European Economics	
ECON 4014	Environmental Economics	
ECON 4044	Public Economics	
ECON 4054	Public Finance	
ECON 4084	Industry Structure	
ECON 4124	Growth and Development	
ECON 4144	Economics of China	
ECON 4214	Economics of Health Care	
ECON 4894		
Subtotal		15
Option Required Courses		
<i>Diverse Perspectives</i>		
Select one of the following:		3
ECON 1104	Economics of Gender	
ECON 1204	Economics of Race	
ECON 1214	Economic History of Diversity and Inclusion	
<i>Polymaking</i>		
Select four of the following:		12
COMM 2094	Communication and Issues of Diversity	
FREC/LAR/NR 2554	Leadership for Global Sustainability	
ECON 3004	Contemporary Economic Issues	
ECON 4754	Internship in Economics	

ECON 4964	Field Study	
ECON 4974	Independent Study	
ECON 4974H	Independent Study	
ECON 4994	Undergraduate Research	
ECON 4994H	Undergraduate Research	
GEOG 3244	The U.S. City	
GEOG 3844	European Geopolitics	
HIST 3554	Age of Globalization	
IS 2064	The Global Economy and World Politics	
IS 2114	Transatlantic Political Frameworks	
IS 3044	The Politics of Internet Governance	
IS 3154	Topics in Global Public Policies	
IS 3114	Global Security	
IS 3164	Global Trade: Structures and Policies	
IS 3174	Monetary Foundations of the World Economy	
IS 3554	Comparative Political Economy	
JMC 4334	Communication Ethics	
PHIL 2304	Global Ethics	
PSCI 2014	Introduction to Political Theory	
PSCI 2064	The Global Economy and World Politics	
PSCI 2074	Law and Politics	
PSCI 3554	Comparative Political Economy	
PSCI 3714	The U. S. Policy Process	
PSCI 3724	Poverty and Welfare Policy	
PSCI 3744	Public Policy Analysis	
PSCI 3854	European Political Economy	
SPIA 2554	Collaborative Policy-Making and Planning	
UAP 3224	Policy Implementation	
UAP 3354	Introduction to Environmental Policy and Planning	
UAP 3744	Public Policy Analysis	
UAP 4644	Washington Semester: Politics, Policy and Administration in A Democracy	
Subtotal		15
Free Electives		21
Select number of Free Electives sufficient to achieve 120 total credit hours		
Subtotal		21
Pathways to General Education		
<i>Pathways Concept 1 - Discourse</i>		
ENGL 1105 & ENGL 1106	First-Year Writing and First-Year Writing (1F)	6
Select three credits in Pathway 1a (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G01A)		3
<i>Pathways Concept 2 - Critical Thinking in the Humanities</i>		
Select six credits in Pathway 2 (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G02)		6
<i>Pathways Concept 3 - Reasoning in the Social Sciences</i>		
Select six credits in Pathway 3 (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G03) ²		6
<i>Pathways Concept 4 - Reasoning in the Natural Sciences</i>		
Select six credits in Pathway 4 (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G04) ³		6
<i>Pathways Concept 5 - Quantitative and Computational Thinking</i> ⁴		10

MATH 1225 Calculus of a Single Variable⁴

Select three credits in Pathway 5f (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G05F)⁴

Select three credits in Pathway 5a (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G05A)⁵

Pathways Concept 6 - Critique and Practice in Design and the Arts

Select three credits in Pathway 6d (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06D) 3

Select three credits in Pathway 6a (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06A) 3

Pathways Concept 7 - Critical Analysis of Identity and Equity in the United States

Select three credits in Pathway 7 (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G07) 3

Subtotal 46

Total Credits 120

¹ ECON 3004 Contemporary Economic Issues, ECON 4964 Field Study, ECON 4974 Independent Study, ECON 4974H Independent Study, and ECON 4984 Special Study may be used as one of the required courses with approval from the department prior to the start of the semester in which the course is completed.

² ECON 2005 Principles of Economics and ECON 2006 Principles of Economics cannot be used to satisfy this requirement since they are included in the Economics Common Degree Core Requirement. ECON 1104 Economics of Gender or ECON 1204 Economics of Race can be used as one of two courses for three of six credits needed.

³ To fulfill the Pathways Concept 4: Reasoning in the the Natural Sciences requirements, only approved BIOL, CHEM, GEOS, ISC, NEUR, PHYS, and PSYC Pathways Concept 4 courses may be selected.

⁴ MATH 1226 Calculus of a Single Variable or MATH 1026 Elementary Calculus must be completed to satisfy the pre-req for ECON 3104 Microeconomic Theory. MATH 1226 Calculus of a Single Variable cannot be used to satisfy this requirement since it is included in the Economics Common Degree Core Requirements. MATH 1026 Elementary Calculus cannot be used to satisfy this requirement when used as a substitute for MATH 1226 Calculus of a Single Variable.

⁵ STAT 3005 Statistical Methods cannot be used to satisfy this requirement since it is included in the Economics Common Degree Core Requirement. STAT 3604 Statistics for Social Science, STAT 3615 Biological Statistics, STAT 4706 Probability and Statistics for Engineers, and BIT 2406 Introduction to Business Statistics, Analytics, and Modeling cannot be used to satisfy this requirement if they are used as a substitute for STAT 3005 Statistical Methods.

⁶ Any approved First Year Experience (FYE) course at Virginia Tech will satisfy the requirement for ECON 1004 First Year Experience Seminar.

2. Upon having attempted 96 semester hours, students must have an In-Major grade point average of 2.0 or above and must have completed the above courses plus:

- ECON 3204 Macroeconomic Theory with a C- or better
- STAT 3005 Statistical Methods with a C- or better

3. Students may not repeat any ECON course more than once, including late course withdrawals.
4. Students must register for at least three 3 credit ECON course during each academic year unless they have completed all ECON courses required for graduation.
5. Students may not repeat more than 3 ECON courses in the major.

A student who does not make satisfactory progress toward degree will be required to change their major out of Economics.

Graduation Requirements

Overall and In-Major GPA

Students must have a 2.0 overall GPA and 2.0 in-major GPA to graduate. Only ECON courses count toward the in-major GPA.

Free Electives

A free elective is any course a student takes toward the completion of the required minimum of 120 credit hours that does not complete a degree requirement. Students will complete a minimum of 21 free elective credit hours.

Total Hours Required

A minimum of 120 semester hours are required for graduation.

Acceptable Substitutions

1. STAT 3604 Statistics for Social Science , STAT 3615 Biological Statistics , STAT 4706 Probability and Statistics for Engineers , BIT 2406 Introduction to Business Statistics, Analytics, and Modeling with at least a C sub for STAT 3005 Statistical Methods .
2. MATH 1225 Calculus of a Single Variable with AP or TR credit satisfies the minimum grade of C- or better for MATH 1225 Calculus of a Single Variable and will be substituted.
3. MATH 1226 Calculus of a Single Variable with AP or TR credit satisfies the minimum grade of C- or better for MATH 1226 Calculus of a Single Variable and will be substituted.
4. MATH 1025 Elementary Calculus with AP credit or a grade of B- or better can be substituted for MATH 1225 Calculus of a Single Variable .
5. MATH 1026 Elementary Calculus with AP credit or a grade of B- or better can be substituted for MATH 1226 Calculus of a Single Variable .

Progress Toward Degree (Policy 91)

In order to remain in the Economics Major, students must meet the following requirements:

1. Upon having attempted 72 semester hours (including transfer, advanced placement, advanced standing, credit by examination, course withdrawal), students must have completed
 - ECON 2005 Principles of Economics (Micro) with a C- or better
 - ECON 2006 Principles of Economics (Macro) with a C- or better
 - ECON 3104 Microeconomic Theory with a C- or better

Foreign Language Requirement

Foreign Language

Students who did not successfully complete at least two years of a single foreign, classical, or sign language during high school must successfully complete six semester hours of a single foreign, classical, or sign language at the college level. Courses taken to meet this requirement do

not count toward the hours required for graduation. Please consult the Undergraduate Catalog for details.