

Economics Major: *Quantitative Techniques* (Last Revised 01/2025)

Economics Major Requirements (18 hours)

Credit

ECON 1041	Principles of Macroeconomics	3 hrs.
ECON 1051	Principles of Microeconomics (C- or better in ECON 1041)	3 hrs.
STAT 1772	Statistical Methods (50 on ALEKS)	3 hrs.
ECON 2122	Intermediate Macroeconomics Theory (ECON 1041; ECON 1051) (Spring Only)	3 hrs.
ECON 2112	Intermediate Microeconomic Theory (ECON 1041; ECON 1051) (Fall Only)	3 hrs.
ECON 3373	Introduction to Econometrics (STAT 1772; ECON 1041; ECON 1051) (Spring only)	3 hrs.

Quantitative Techniques Emphasis (21 hours)

Credit

MATH 3751	Probability & Statistics (MATH 1421; credit reduced to 1 hour for students with credit in STAT 1772)	1 hr.
MATH 1420	Calculus I	4 hrs.
MATH 1421	Calculus II (C- or better in MATH 1420)	4 hrs.
MATH 2122	Calculus III (For Mathematics majors and minors: C- or better in MATH 1421 and MATH 2500. Prerequisites for non-Mathematics majors and minors: C- or better in MATH 1421; MATH 2500)	4 hrs.
MATH 2500	Linear Algebra for Applications (MATH 1420)	3 hrs.
MATH 2900	Discrete and Argumentative Math (MATH 1420)	3 hrs.

Required Economics Electives (12 hours)

Choose any 1000/2000/3000/4000-level ECON course (except ECON 1011, ECON 1031, ECON 2090)

Select Any Two of the Following (6-7 hours)

Choose any **two** 1000/2000/3000/4000-level ECON course (except ECON 1011, ECON 1031, ECON 2090)

Credit

ACCT 2120	Principles of Financial Accounting (Sophomore Standing)	3 hrs.
CS 1510	Introduction to Computing	3 hrs.
ENGLISH 1005	College Writing & Research	3 hrs.
FIN 3130	Corporation Finance (ACCT 2120; STAT 1772 <u>OR</u> equivalent; ECON 1041; ECON 1051; ECON 1011 <u>OR</u> MATH 1421) (Junior Standing)	3 hrs.
MGMT 2080	Introduction to Information Systems	3 hrs.
MKTG 2110	Principles of Marketing (ECON 1031 <u>OR</u> ECON 1041 <u>OR</u> ECON 1051)	3 hrs.
PHIL 1030	Elementary Logic	3 hrs.
PHIL 1050	The Art of Critical Thinking and Writing	3 hrs.

Professional Readiness Requirements (0 hours)

BUSINESS 1000	Introductory Seminar for Business Professionals	0 hrs.
BUSINESS 2000	Business Professionals in Training (Business 1000)	0 hrs.

Professional Readiness Recommended (0 hours)

BUSINESS 3000	Intermediate Professional Skills (Business 2000)	0 hrs.
BUSINESS 4000	Business Professionals in Training (Business 3000)	0 hrs.

ALL ECONOMICS EMPHASES

1. To graduate with a major in economics/business economics, a student must:
 - a. Earn a cumulative GPA of 2.20 or better for all College of Business (ACCT xxxx, MKTG xxxx, MGMT xxxx, FIN xxxx, ECON xxxx) courses taken at UNI.
 - b. Earn a 2.20 GPA for all ECON courses taken at UNI, except ECON 2090; ECON 1031, ECON 1011, ECON 3077 and ECON 3179.
 - c. Receive a C- or better in ECON 1041; ECON 1051; ECON 2122 and ECON 2112 whether taken at UNI or at an institution from which transfer credit for these courses is accepted.
2. ECON 2090 counts toward an economics major only in the Business Economics emphasis and does not count toward the minor.
3. ECON 1011 counts toward an economics major only in the Business Economics and Applied Economic Analysis emphases and does not count toward the minor.
4. ECON 1031 does not count toward the economics major or minor.
5. ECON 1041 and ECON 1051 are minimum prerequisites for all ECON courses.
6. It is recommended that ECON 2122 and ECON 2112 be taken before other advanced courses in economics.
7. Not more than one emphasis may be declared in economics.

The Economics Department may impose additional admission requirements for students wishing to declare a minor or a second Wilson College of Business major. Eligibility to declare a minor or a second Wilson College of Business major is based on having a 2.5 GPA and space availability. Students may obtain a copy of these requirements from the Office for Professional Distinction (CBB 5) in the Wilson College of Business.

NOTE:

- Students planning on attending graduate school in economics should see Dr. Bryce Kanago, CBB 206, as soon as possible. They should also seriously consider the Quantitative Techniques Emphasis.
- Students who will be entering the job market immediately after graduation should see Dr. Shahina Amin, CBB 210, during their junior year.

ADMISSION STANDARDS

STUDENTS SEEKING A MAJOR IN ACCOUNTING, BUSINESS TEACHING, ECONOMICS (BUSINESS ECONOMICS EMPHASIS), FINANCE, REAL ESTATE, MANAGEMENT, HUMAN RESOURCE MANAGEMENT, SUPPLY CHAIN MANAGEMENT, BUSINESS ANALYTICS, MANAGEMENT INFORMATION SYSTEMS, OR MARKETING MUST BE ADMITTED TO THE WILSON COLLEGE OF BUSINESS AND MEET ALL COURSE PREREQUISITES BEFORE TAKING UPPER-DIVISION (3000/4000-LEVEL) WILSON COLLEGE OF BUSINESS COURSES.

Students are eligible for admission to Wilson College of Business upon completion of the following requirements:

1. 30 Cumulative Semester hours of college credit
2. C- or better in the following Business Core Courses:
 - a. ECON 2090 Decision Analytics OR ECON 1011 Statistics for Business Analytics and
 - b. ECON 1041 Principles of Macroeconomics
3. C- or better in an **approved** English composition course.
4. Total or UNI* cumulative GPA of at least 2.50 on all university-level courses
5. Declaration of Curriculum form filed with the Office for Professional Distinction (CBB 5)

GRADUATION STANDARDS

1. A cumulative UNI GPA of 2.20 or better.
2. A cumulative GPA of 2.20 or better for all Wilson College of Business courses (ACCT, ENTR, MKTG, MGMT, FIN, ECON) taken at UNI.
3. Earn at least 50% of their business credit hours required for the major at UNI.

Copies of the Wilson College of Business admission policy and graduation requirements can be obtained from the Office for Professional Distinction, CBB 5 (tel: 319-273-2144) and can be found online at <http://business.uni.edu/advising>.

SUGGESTED CLASS SCHEDULE for ECONOMICS MAJORS

Meet with an advisor to make an official Program of Study

Freshman Year

Fall

BUSINESS 1000 Introductory Seminar for Bus. Prof.	0 hrs.
ECON 1041 Prin. of Macroeconomics	3 hrs.
STAT 1772 Statistical Methods	3 hrs.
UNIFI / Electives	9 hrs.
Total Semester Hours	15 hrs.

Spring

ECON 1051 Prin. of Microeconomics	3 hrs.
MATH 1420 Calculus I	4 hrs.
UNIFI / Electives	10 hrs.
Total Semester Hours	17 hrs.

Sophomore Year

Fall

BUSINESS 2000 Business Professionals in Training	0 hrs.
ECON 2112 Intermediate Microeconomics	3 hrs.
MATH 1421 Calculus II	4 hrs.
UNIFI / Electives	9 hrs.
Total Semester Hours	16 hrs.

Spring

ECON 2122 Intermediate Macroeconomics	3 hrs.
MATH 2500 Linear Algebra	3 hrs.
UNIFI / Electives	10 hrs.
Total Semester Hours	16 hrs.

Junior Year

Fall

ECON Elective	3 hrs.
MATH 3751 Probability & Statistics	1 hr.
MATH 2122 Calculus III	4 hrs.
University Electives	7 hrs.
Total Semester Hours	15 hrs.

Spring

ECON Electives	6 hrs.
University Electives	9 hrs.
Total Semester Hours	15 hrs.

Senior Year

Fall

ECON Elective	3 hrs.
MATH 2900 Discrete and Argumentative Math	3 hrs.
University Electives	9 hrs.
Total Semester Hours	15 hrs.

Spring

ECON 3373 Intro to Econometrics	3 hrs.
University Electives	9 hrs.
Total Semester Hours	12 hrs.

* These courses are not offered every semester. Students should plan accordingly.

TENTATIVE SCHEDULE of ECONOMICS CLASSES

Note that this schedule is merely a projection. Budget constraints and other unforeseeable impediments may require adjustments. Summer offerings depend largely upon demand. Ordinarily, subject to sufficient enrollment, only a few core courses will be offered during the summer.

Course Number	Title	(Semester Offered)		
		Fall	Spring	Summer
ECON 2090	Decision Analytics	Yes	Yes	Variable
ECON 1031	Introduction to Economics	Yes	Yes	Variable
ECON 1041	Principles of Macroeconomics	Yes	Yes	Variable
ECON 1051	Principles of Microeconomics	Yes	Yes	Variable
ECON 1011	Statistics for Business Analytics	Yes	Yes	Variable
ECON 2122	Intermediate Macroeconomic Theory	Yes	Yes	No
ECON 2112	Intermediate Microeconomic Theory	Yes	Yes	No
ECON 2132	Money & Banking	Yes	Yes	No
ECON 3373/5373	Introduction to Econometrics	No	Yes	No