Economics (ECON)

The Department of Economics helps students develop a clear understanding of how to apply economic theory to real-world policy issues. Along the way a student will learn a marketable, transferable skill set that makes them a valuable asset to any company. We administer a rigorous curriculum with a unique perspective on economics through shared resources between the Department of Finance, Insurance, Real Estate and Law, and the Department of Economics.

Enhance your marketable skills through:

- Business Foundations, International Studies, Management, Marketing, Mathematics or Statistics minors
- Actuarial Science, Economic Geography, Entrepreneurship, Legal Studies, or Statistics certificates
- Student Organization Participation
- Internships
- Study Abroad

Alumni Careers:

- Actuary
- Chief Operating Officer
- Credit Analyst/Loan Officer
- Data Analyst
- Director of Recruiting
- Economic Consultant
- Financial Officer/Planner
- Global Mobility Consultant
- Lawyer
- Market Research Analyst
- Statistical Analyst
- Sr. Director of Development

Student Organization: Professional Organization:

- Economics Student Organization (ESO)
- Omicron Delta Epsilon

Faculty Advisors:

Harry Ellis
Jiyoung Kwon
Guillermo Covarrubias

In addition to being a faculty advisor, I teach ECON 1100 and 1110. I am also a big fan of our Mean Green sports teams, the Dallas Mavs, and the Texas Rangers!

Harry.Ellis@unt.edu

With a Master of Arts in Economics from Michigan State, I teach ECON 3550, 4140, and 4630.

Jiyoung.Kwon@unt.edu

With a PhD in Economics from Texas Tech, I teach ECON 3560, 4020, 4030, 4100, 4850, and 4920.

Guillermo.Covarrubias@unt.edu

Department of Economics
Wooten Hall 325 | (940) 565-2573 | economics.unt.edu
Career Paths

Business Foundations/Management/Marketing

- Banking, Consulting, Federal Reserve, Insurance, Law School, Marketing, Sales, United Nations, World Bank

Communications

- Campaign Communications
- Director, Consumer Sales, Human Resources, Insurance, Law School, Public Relations, Sales Management

Geography

- Planning and Development
- Energy Resources, Location Analyst
- Market Research, Real Estate Economist

International Studies

- State Department, Intelligence, International Nongovernmental Organizations: Red Cross or International Rescue Committee
- United Nations, World Bank

Latino Culture, Economy & Politics

- Appraisal Districts, Census Bureau, Federal Reserve, International Trade Relations, Labor Relations, Legislative Staff, Local and Regional Economic Development

Mathematics

- Appraisal Districts, Federal Reserve, International Trade Relations, Labor Relations, Legislative Staff, Local and Regional Economic Development

Public Administration

- Budget Consultant, City Management, Community Affairs, Non-profit, Resource Development, Risk Management, Urban Planning

Sociology


Statistics

- Actuary, Appraisal Districts, Economists, Insurance Firms/Brokers, Federal Reserve, Statistician
Bachelor of Arts: Major in ECONOMICS
2024-2025 Catalog Year

Requirements

• 120 total semester hours
• 42 advanced hours
  • 24 advanced hours must be completed at UNT, including 12 advanced hours in your major
  • A minimum of 30 hours must be completed at UNT
  • Grades of C or better in all major coursework; B or better in ECON 1100 & 1110

University Core Requirements

**English:** 6 hours
ENGL 1310
ENGL 1320

**Math:** 3 hours
MATH 1190 or MATH 1710

**Life and Physical Sciences:** 2 courses

**Creative Arts:** 3 hours
Choose from approved list

**Language, Philosophy, & Culture:** 3 hours
Choose from approved list

**US History:** 6 hours
HIST 2610
HIST 2620

**American Government:** 6 hours
PSCI 2305
PSCI 2306

**Social and Behavioral Sciences:** 3 hours
ECON 1100 or ECON 1110

**Component Area Option:** 6 hours (See approved list)

*ECON 1100 and 1110 will cover both the Social and Behavioral Sciences core and 3 hours of Component Area Options.

Major Requirements

ECON 1100 Principles of Microeconomics
ECON 1110 Principles of Macroeconomics
ECON 3550 Intermediate Micro - Theory
ECON 3560 Intermediate Macro - Theory
ECON 4510 History of Economic Thought

Select 18 additional upper-division ECON hours at or above the 3000 level, including at least 9 hours from the following list:

ECON 4030 Economic Cycles and Forecasting
ECON 4100 Comparative Economic Systems
ECON 4140 Managerial Economics
ECON 4150 Public Economics and Policy Analysis
ECON 4180 The Economics of Health Care
ECON 4290 Labor Economics
ECON 4420 Open Economy Macroeconomics
ECON 4450 Game Theory
ECON 4460 Industrial Organization
ECON 4550 Law and Economics
ECON 4650 Economics of Cities
ECON 4870 Intro to Econometrics
ECON 4875 Empirical Linear Modeling

Statistics Requirement (choose one)

ECON 4630 Data Analysis in Economics
MATH 3680 Applied Statistics

Foreign Language: Students must demonstrate proficiency through intermediate (LANG 2050). Testing options exist. Prerequisites: LANG 1010, LANG 1020 and LANG 2040.

ARBC 2040 & 2050, or CHIN 2040 & 2050, or FREN 2040 & 2050, or GERM 2040 & 2050, or ITAL 2040 & 2050, or JAPN 2040 & 2050, or KORE 2040 & 2050, or LATI 2040 & 2050, or SPAN 2040 & 2050

Distribution Requirement:
Communication & Digital Skills
Diversity & Global Issues

University Core Requirements

**Liberal Arts and Social Sciences**

**Distribution Requirement:**
Communication & Digital Skills
Diversity & Global Issues

**University Core Requirements**

**English:** 6 hours
ENGL 1310
ENGL 1320

**Math:** 3 hours
MATH 1190 or MATH 1710

**Life and Physical Sciences:** 2 courses

**Creative Arts:** 3 hours
Choose from approved list

**Language, Philosophy, & Culture:** 3 hours
Choose from approved list

**US History:** 6 hours
HIST 2610
HIST 2620

**American Government:** 6 hours
PSCI 2305
PSCI 2306

**Social and Behavioral Sciences:** 3 hours
ECON 1100 or ECON 1110

**Component Area Option:** 6 hours (See approved list)

*ECON 1100 and 1110 will cover both the Social and Behavioral Sciences core and 3 hours of Component Area Options.

**Major Requirements**

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ECON 3550 Intermediate Micro - Theory
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ECON 4450 Game Theory
ECON 4460 Industrial Organization
ECON 4550 Law and Economics
ECON 4650 Economics of Cities
ECON 4870 Intro to Econometrics
ECON 4875 Empirical Linear Modeling

Statistics Requirement (choose one)

ECON 4630 Data Analysis in Economics
MATH 3680 Applied Statistics

**Foreign Language:** Students must demonstrate proficiency through intermediate (LANG 2050). Testing options exist. Prerequisites: LANG 1010, LANG 1020 and LANG 2040.

ARBC 2040 & 2050, or CHIN 2040 & 2050, or FREN 2040 & 2050, or GERM 2040 & 2050, or ITAL 2040 & 2050, or JAPN 2040 & 2050, or KORE 2040 & 2050, or LATI 2040 & 2050, or SPAN 2040 & 2050

**Distribution Requirement:**
Communication & Digital Skills
Diversity & Global Issues

**University Core Requirements**

**English:** 6 hours
ENGL 1310
ENGL 1320

**Math:** 3 hours
MATH 1190 or MATH 1710

**Life and Physical Sciences:** 2 courses

**Creative Arts:** 3 hours
Choose from approved list

**Language, Philosophy, & Culture:** 3 hours
Choose from approved list

**US History:** 6 hours
HIST 2610
HIST 2620

**American Government:** 6 hours
PSCI 2305
PSCI 2306

**Social and Behavioral Sciences:** 3 hours
ECON 1100 or ECON 1110

**Component Area Option:** 6 hours (See approved list)

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**Major Requirements**

ECON 1100 Principles of Microeconomics
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ECON 4510 History of Economic Thought

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ECON 4450 Game Theory
ECON 4460 Industrial Organization
ECON 4550 Law and Economics
ECON 4650 Economics of Cities
ECON 4870 Intro to Econometrics
ECON 4875 Empirical Linear Modeling

Statistics Requirement (choose one)

ECON 4630 Data Analysis in Economics
MATH 3680 Applied Statistics

Updated 3.6.24

To schedule an appointment with a CLASS Academic Advisor, please call 940-565-2051.

Harry Ellis (hellis@unt.edu),
Jiyoung Kwon (jiyoung.kwon@unt.edu)
Guillermo Covarrubias (guillermo.covarrubias@unt.edu)
Bachelor of Science: Major in ECONOMICS
2024-2025 Catalog Year

Requirements

- 120 total semester hours
- 42 advanced hours
  - 24 advanced hours must be completed at UNT, including 12 advanced hours in your major
- A minimum of 30 hours must be completed at UNT
- Grades of C or better in all major coursework; B or better in ECON 1100 & 1110

University Core Requirements

**English:** 6 hours
ENGL 1310
ENGL 1320

**Math:** 3 hours
MATH 1710

**Life and Physical Sciences:** 2 courses

**Creative Arts:** 3 hours
Choose from approved list

**Language, Philosophy, & Culture:** 3 hours
Choose from approved list

**US History:** 6 hours
HIST 2610
HIST 2620

**American Government:** 6 hours
PSCI 2305
PSCI 2306

**Social and Behavioral Sciences:** 3 hours
*ECON 1100 or ECON 1110

**Component Area Option:** 6 hours
(See approved list)

*ECON 1100 and 1110 will cover both the Social and Behavioral Sciences core and 3 hours of Component Area Options. MATH 1720 will cover the other 3 hours of Component Area Option as well.

Foreign Language: Students must demonstrate proficiency through intermediate (LANG 2050). Testing options exist. Prerequisites: LANG 1010, LANG 1020 and LANG 2040.

ARBC 2040 & 2050, or CHIN 2040 & 2050, or FREN 2040 & 2050, or GERM 2040 & 2050, or ITAL 2040 & 2050, or JAPN 2040 & 2050, or KORE 2040 & 2050, or LATI 2040 & 2050, or SGNL 2040 & 2050, or SPAN 2040 & 2050

(See below for Foreign Language Substitutions)

Foreign Language Substitution

*Bachelor of Science students can take MATH 1710, MATH 1720, and 2 of the following as a substitution for Foreign Language: MATH 2000, MATH 2700, MATH 2730, MATH 3000, MATH 3350, MATH 3410, MATH 3420, MATH 3610, MATH 3740, MATH 4060, MATH 4100, MATH 4200, MATH 4430, MATH 4450, MATH 4500, MATH 4520, MATH 4610 and MATH 4650.

Major Requirements

ECON 1100 Principles of Microeconomics
ECON 1110 Principles of Macroeconomics
ECON 3550 Intermediate Micro-Theory
ECON 3560 Intermediate Macro-Theory
ECON 4870 Introduction to Econometrics

Select 18 additional upper-division ECON hours at or above the 3000 level, including at least 9 hours from the following list:

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ECON 4140 Managerial Economics
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ECON 4180 Public Economics and Policy Analysis
ECON 4290 The Economics of Health Care
ECON 4420 Labor Economics
ECON 4450 Open Economy Macroeconomics
ECON 4460 Game Theory
ECON 4510 Industrial Organization
ECON 4550 Law and Economics
ECON 4650 Economics of Cities
ECON 4875 Empirical Linear Modeling

Statistics Requirement (chose one)
ECON 4630 Data Analysis in Economics OR
MATH 3680 Applied Statistics

Math Requirement
MATH 1710 Calculus I
MATH 1720 Calculus II

To schedule an appointment with a CLASS Academic Advisor, please call 940-565-2051

Harry Ellis (hellis@unt.edu),
Jiyoung Kwon (jiyoung.kwon@unt.edu)
Dr. Guillermo Covarrubias (guillermo.covarrubias@unt.edu)

Updated 3.6.24

Foreign Language:
Students must demonstrate proficiency through intermediate (LANG 2050). Testing options exist. Prerequisites: LANG 1010, LANG 1020 and LANG 2040.

ARBC 2040 & 2050, or CHIN 2040 & 2050, or FREN 2040 & 2050, or GERM 2040 & 2050, or ITAL 2040 & 2050, or JAPN 2040 & 2050, or KORE 2040 & 2050, or LATI 2040 & 2050, or SGNL 2040 & 2050, or SPAN 2040 & 2050

(See below for Foreign Language Substitutions)

Foreign Language Substitution

*Bachelor of Science students can take MATH 1710, MATH 1720, and 2 of the following as a substitution for Foreign Language: MATH 2000, MATH 2700, MATH 2730, MATH 3000, MATH 3350, MATH 3410, MATH 3420, MATH 3610, MATH 3740, MATH 4060, MATH 4100, MATH 4200, MATH 4430, MATH 4450, MATH 4500, MATH 4520, MATH 4610 and MATH 4650.

Major Requirements

ECON 1100 Principles of Microeconomics
ECON 1110 Principles of Macroeconomics
ECON 3550 Intermediate Micro-Theory
ECON 3560 Intermediate Macro-Theory
ECON 4870 Introduction to Econometrics

Select 18 additional upper-division ECON hours at or above the 3000 level, including at least 9 hours from the following list:

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ECON 4100 Comparative Economic Systems
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ECON 4550 Law and Economics
ECON 4650 Economics of Cities
ECON 4875 Empirical Linear Modeling

Statistics Requirement (chose one)
ECON 4630 Data Analysis in Economics OR
MATH 3680 Applied Statistics

Math Requirement
MATH 1710 Calculus I
MATH 1720 Calculus II

To schedule an appointment with a CLASS Academic Advisor, please call 940-565-2051

Harry Ellis (hellis@unt.edu),
Jiyoung Kwon (jiyoung.kwon@unt.edu)
Dr. Guillermo Covarrubias (guillermo.covarrubias@unt.edu)
BBA ECONOMICS

University Core (42 hours)

Please see the UNT catalog or the RCOB Undergraduate Programs Office in BLB 110 for specific core requirements.

Pre-Business Requirements (21 hours)

ECON 1100 & 1110 (6 hrs) Principles of Economics
MATH 1190 (3 hrs) Business Calculus
BCIS 2610 (3 hrs) Introduction to Computers in Business
ACCT 2010 & 2020 (6 hrs) Accounting Principles I & II
DSCI 2710 (3 hrs) Data Analysis with Spreadsheets

Other Requirements (hours vary)

Communication: COMM 1010* Intro to Communication or TECM 2700 Technical Writing

Professional Development:

BUSI 1200
BUSI 3100
BUSI 3200 or other approved Professional Development course (see advisor)
BUSI 1200 and BUSI 3100 must be completed prior to enrolling in BUSI 4940. BUSI 3200 may be taken prior to or concurrently with BUSI 4940.

Free Electives (to reach 120 hours; hours vary)

BUSI 1200 is expected to be completed prior to declaring a major. All of the professional development courses are 1 hour courses and must be completed with a grade of C or higher.

IMPORTANT NOTICE: In order to enroll in JR/SR level courses and file a degree plan, students must: complete 45 hours, complete the pre-business requirement courses with minimum grades of C; have a minimum 2.7 pre-business GPA; AND have a minimum 2.0 UNT cumulative GPA.

Business Foundation Courses (24 hours)

BUSI 3660 (3 hrs) Professional Speaking, Writing and Presentation
BLAW 3430 (3 hrs) Legal and Ethical Environment of Business
BCIS 3610 (3 hrs) Basic Information Systems
MKTG 3650 (3 hrs) Foundations of Marketing Practice
DSCI 3710 (3 hrs) Business Statistics with Spreadsheets
FINA 3770 (3 hrs) Finance
MGMT 3720 (3 hrs) Organizational Behavior
BUSI 4940* (3 hrs) Business Policy

* Requirements for enrollment in BUSI 4940: completion of all other business foundation courses along with the required Professional Development courses w/C or higher, SR status, and graduating semester.

Professional Field Courses (18 hours; no substitutions)

ECON 3550^ Intermediate Micro–Theory
ECON 3560^^ Intermediate Macro–Theory
ECON 4140^^ Managerial Economics

Plus 9 advanced hrs approved in advance by the Economics Dept Advisor

^Prerequisite: ECON 1100 and MATH 1190 or MATH 1710 with a grade of “C” or higher
^^Prerequisite: ECON 1100 and 1110 with a grade of a grade of “C” or higher
^^^Prerequisite: ECON 3550 and MATH 1190 or 1710

Note: to graduate with a degree in Business Economics, students must have a “B” or higher in both ECON 1100 and ECON 1110.

Supporting Field Courses (12 hours)

FINA 4500~ International Finance (no substitutions)

Plus 9 hours approved in advance by an Economics Department advisor. Courses in the College of Liberal Arts & Social Sciences may be counted as professional courses in the College of Business when authorized on a degree plan. ECON 4630, Research Methods for Economists, may not be used as an elective or a supporting course.

Most frequently used are:

- ECON 4150
- ECON 4100
- ECON 4290
- ECON 4450
- ECON 4850
- ECON 4020

~Prerequisite: FINA 3770 with a grade of “C” or higher

Internships - You may complete an internship for up to 3 hours of upper level course credit (but not economics course credit) with approval from the Economics Internships Coordinator, Dr. Guillermo Covarrubias. Please see www.economics.unt.edu/undergraduate/internships for more information.

Note: to graduate with a degree in Business Economics, students must have a "B" or higher in both ECON 1100 and ECON 1110.

A grade of “C” or higher is required in all Pre-Business, Professional Development, Business Foundation, Professional Field, and Supporting Field courses.

A 2.0 UNT, 2.0 Overall, and 2.0 Professional/Supporting Field GPA is required for graduation.

For more information on careers and companies recruiting graduates from this program, contact the Career Center at 940-565-2105

Attention: consult online degree audit for your correct catalog year.

www.cob.unt.edu/undergrad
<table>
<thead>
<tr>
<th>Year</th>
<th>Fall Semester</th>
<th>Hours</th>
<th>Spring Semester</th>
<th>Hours</th>
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<td><strong>English (TECM 2700 or ENGL 1320)</strong>**</td>
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<td>Univ. Core Mathematics (MATH 1180 if required as a prerequisite or MATH 1190)**</td>
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<td>Political Science/Government (PSCI 2305 or 2306)</td>
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<td><strong>Economics (ECON 1100)</strong>**</td>
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<td>Professional Development I (BUSI 1200)</td>
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<td></td>
<td>Intro to Computers in Business (BCIS 2610)</td>
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<td><strong>SOPHOMORE</strong></td>
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<td><strong>Intermediate Micro-Theory (ECON 3550)</strong></td>
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<td>American History (HIST 2610)</td>
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<td>Life and Physical Science</td>
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<td><strong>Economics (ECON 1110)</strong>**</td>
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<td>American History (HIST 2620)</td>
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<td>Accounting (ACCT 2010)</td>
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<td><strong>Accounting (ACCT 2020)</strong></td>
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<td>Creative Arts</td>
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<td><strong>Speech (COMM 1010)</strong>** or Technical Writing (TECM 2700)**</td>
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<td><strong>Total</strong></td>
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<td><strong>JUNIOR</strong></td>
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<td><strong>Basic Information Systems (BCIS 3610)</strong>*</td>
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<td>Professional Speaking, Writing and Presentation (BUSI 3660)*</td>
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<td><strong>Supporting Field Course</strong>*</td>
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<td>Business Statistics with Spreadsheets (DSCI 3710)*</td>
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<td><strong>Managerial Economics (ECON 4140)</strong></td>
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<td><strong>Professional Field Course</strong>*</td>
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<td><strong>Organizational Behavior (MGMT 3720)</strong>*</td>
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<td>Finance (FINA 3770)*</td>
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<td>Professional Development II (BUSI 3100)</td>
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<td><strong>Legal and Ethical Environment of Business (BLAW 3430)</strong>*</td>
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<td><strong>SENIOR</strong></td>
<td><strong>Supporting Field Course (possible internship)</strong>*</td>
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<td><strong>Business Policy (BUSI 4940)—Capstone</strong></td>
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<td>Language, Philosophy and Culture</td>
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<td><strong>Supporting Field Course</strong>*</td>
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<tr>
<td></td>
<td>International Finance (FINA 4500))</td>
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<td><strong>Professional Field Course</strong>*</td>
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<td></td>
<td>Professional Field Course***</td>
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<td><strong>Free Elective</strong>***</td>
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<td>Foundations of Marketing Practice (MKTG 3650)*</td>
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<td><strong>Total</strong></td>
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</tr>
</tbody>
</table>

*Business Foundation courses must be completed with a grade of C or higher prior to enrolling in BUSI 4940.

**Courses that will fulfill university core and pre-business requirements. Courses used to fulfill both University and College requirements will increase number of required free electives to reach the 120 hours minimum for graduation. Consult with your advisor for questions on number of free electives needed.

^Note: to graduate with a degree in Business Economics, students must have a "B" or higher in both ECON 1100 and ECON 1110.

- This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult the Undergraduate Programs Office. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.
- Before enrolling in MATH 1190, the correct math placement is required or you must pass the prerequisite math with a grade of C or higher. **Bolded courses** are pre-business prerequisites to all JR/SR level business courses and require a grade of C or higher. Additionally, completion of all pre-business prerequisite courses with a minimum 2.7 pre-business GPA and a minimum 2.0 UNT cumulative GPA along with completion of 45 hours are required prior to enrolling in any JR/SR level business course and/or filing for an official degree plan. 2
- A total of 120 credit hours are required for this degree. GPA requirements for graduation: 2.0 UNT cumulative, Professional Field varies by major (see advisor), and 2.0 Overall.

***Courses selected in consultation with ECON advisor

Attention: Consult online degree audit for your correct catalog year.

www.cob.unt.edu/undergrad

4/12/23 PM
# Economics Degree Checklist

<table>
<thead>
<tr>
<th>BA</th>
<th>BS</th>
<th>BBA</th>
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<tr>
<td>University &amp; CLASS Core</td>
<td>University &amp; CLASS Core**</td>
<td>University &amp; COB Core</td>
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<tr>
<td>1100 Micro Principles</td>
<td>1100 Micro Principles</td>
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<td>1110 Macro Principles</td>
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<td>1110 Macro Principles</td>
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<td>3550 Intermediate Micro</td>
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<td>4630 Data Analysis in ECON</td>
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<td>DSCI 3710 Business Statistics</td>
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<td>4510 History of Econ Thought</td>
<td>4870 Econometrics</td>
<td>4140 Managerial Economics</td>
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<td>1. any ECON 3000/4000</td>
<td>1. any ECON 3000/4000</td>
<td>9 hours of ECON 3/4000 Professional</td>
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<td>9 hours of ECON 3/4000 Supporting</td>
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<td>6. ECON 3/4000 from the list*</td>
<td>6. ECON 3/4000 from the list*</td>
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<td>Math 1720 Calculus 2</td>
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<tr>
<td>2040 Foreign Language</td>
<td>1. in Lieu of Foreign Language**</td>
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</tr>
<tr>
<td>2050 Foreign Language</td>
<td>2. in Lieu of Foreign Language**</td>
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</tbody>
</table>

*9 hours from ECON 4030, 4100, 4140, 4150, 4180, 4290, 4420, 4450, 4460, 4500, 4510, 4550, 4650, 4875, (4510 for BS and 4870 for BA)

**6 hours from MATH 2700, 2730, 3000, 3310, 3350, 3410, 3420, 3610, 3680, 3740, 4060, 4100, 4200, 4430, 4450, 4500, 4520, 4610, 4650
<table>
<thead>
<tr>
<th>COURSE AND TITLE</th>
<th>SEMESTER OFFERED</th>
<th>PREREQUISITE(S)</th>
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<tbody>
<tr>
<td>3000 Current Economic Issues</td>
<td>Fall, Spring</td>
<td>None</td>
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<tr>
<td>3000 - 001 Economics of Everything</td>
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<td>3000 - 002 All Things Internet</td>
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<tr>
<td>3050 Econ of Consumption</td>
<td>Fall &amp; Spring</td>
<td>Econ 1100 and 1110</td>
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<tr>
<td>3150 Econ of Discrimination</td>
<td>Fall &amp; Spring</td>
<td>None</td>
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<tr>
<td>3200 Behavioral Economics</td>
<td>Fall, Spring, Summer</td>
<td>None</td>
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<tr>
<td>3550 Intermediate Micro</td>
<td>Fall, Spring, Summer</td>
<td>Econ 1100 and either of Math 1190 or 1710</td>
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<tr>
<td>3560 Intermediate Macro</td>
<td>Fall, Spring, Summer</td>
<td>Econ 1100 and 1110</td>
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<tr>
<td>4020 Money &amp; Financial Institutions</td>
<td>Fall &amp; Spring</td>
<td>Econ 1100 and 1110</td>
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<tr>
<td>4030* Economic Cycles and Forecasting</td>
<td>Spring</td>
<td>Econ 1100, 1110, 4630</td>
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<tr>
<td>4100* Comparative Econ Systems</td>
<td>Fall</td>
<td>Econ 1100 or 1110</td>
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<tr>
<td>4140* Managerial Economics</td>
<td>Fall &amp; Spring</td>
<td>Econ 3550 and either of Math 1190 or 1710</td>
</tr>
<tr>
<td>4150* Public Economics and Policy Analysis</td>
<td>Fall</td>
<td>Econ 3550</td>
</tr>
<tr>
<td>4290* Labor Economics</td>
<td>Fall</td>
<td>Econ 3550</td>
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<tr>
<td>4420* Open Economy Macroeconomics</td>
<td>Spring</td>
<td>Econ 1100 and 1110</td>
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<tr>
<td>4440 Natural Resources &amp; Environmental Economics</td>
<td>Fall &amp; Spring</td>
<td>Econ 1100</td>
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<tr>
<td>4450* Game Theory</td>
<td>Fall &amp; Spring</td>
<td>Econ 3550</td>
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<tr>
<td>4510* History of Economic Thought</td>
<td>Spring</td>
<td>Econ 1100 and 1110</td>
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<tr>
<td>4550* Law and Economics</td>
<td>Spring</td>
<td>Econ 1100</td>
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<tr>
<td>4630 Data Analysis in Economics</td>
<td>Fall &amp; Spring</td>
<td>Econ 1100 and Math 1100 or Math 1180</td>
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<tr>
<td>4650* Economics of Cities</td>
<td>Spring</td>
<td>Econ 3550</td>
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<tr>
<td>4850 International Trade</td>
<td>Fall &amp; Spring</td>
<td>Econ 1100 and 1110</td>
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<tr>
<td>4855 US/Mexico Economic Relations</td>
<td>Spring</td>
<td>None</td>
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<tr>
<td>4870* Intro to Econometrics</td>
<td>Fall &amp; Spring</td>
<td>Econ 4630 (or equivalent) and Math 1190 or Math 1710 with a grade of C or better</td>
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<tr>
<td>4875* Empirical Linear Modeling</td>
<td>Spring</td>
<td>Econ 4870</td>
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*Among 18 economics elective advanced hours, 9 hours must be selected from the following courses:
For **BA**: ECON 4030, 4100, 4140, 4150, 4290, 4420, 4450, 4460, 4550, 4650, 4870, 4875
For **BS**: ECON 4030, 4100, 4140, 4150, 4290, 4420, 4450, 4460, **4510**, 4550, 4650, 4875