

Economics

Department Information

- **Department Location:**
Richard H. Barry Hall
- **Department Phone:**
701-231-7441
- **Department Web Site:**
www.ag.ndsu.edu/agecon
- **Credential Offered:**
B.S.; B.A.
- **Plan Of Study Sample:**
bulletin.ndsu.edu/programs-study/undergraduate/economics/#planofstudytext

Major Requirements

Major: Economics

Degree Type: B.A. or B.S.

Minimum Degree Credits to Graduate: 120

University Degree Requirements

1. Satisfactory completion of all requirements of the curriculum in which one is enrolled.
2. Earn a minimum total of 120 credits in approved coursework. Some academic programs exceed this minimum.
3. Satisfactory completion of the general education requirements as specified by the university.
4. A minimum institutional GPA of 2.00 based on work taken at NDSU.
5. At least 36 credits presented for graduation must be in courses numbered 300 or higher.
6. Transfer Students: Must earn a minimum of 60 credits from a baccalaureate-degree granting or professional institution.
 - a. Of these 60, at least 36 must be NDSU resident credits as defined in #7.
 - b. Within the 36 resident credits, a minimum of 15 must be in courses numbered 300 or higher and 15 credits in the major field of study.
7. At least 36 credits must be NDSU resident credits. Resident credits include credits registered and paid for at NDSU.

For complete information, please refer to the Degree and Graduation Requirements (<http://bulletin.ndsu.edu/past-bulletin-archive/2020-21/academic-policies/undergraduate-policies/degree-and-graduation>) section of this Bulletin.

University General Education Requirements

Code	Title	Credits
Communication (C)		12
ENGL 110	College Composition I	
ENGL 120	College Composition II	
COMM 110	Fundamentals of Public Speaking	
Upper Division Writing [†]		
Quantitative Reasoning (R) [†]		3
Science and Technology (S) [†]		10
Humanities and Fine Arts (A) [†]		6
Social and Behavioral Sciences (B) [†]		6
Wellness (W) [†]		2
Cultural Diversity (D) ^{*†}		
Global Perspectives (G) ^{*†}		
Total Credits		39

* May be satisfied by completing courses in another General Education category.

† General education courses may be used to satisfy requirements for both general education and the major, minor, and program emphases, where applicable. Students should carefully review major requirements to determine if specific courses can also satisfy these general education categories.

- A list of university approved general education courses and administrative policies are available here (<http://bulletin.ndsu.edu/past-bulletin-archive/2020-21/academic-policies/undergraduate-policies/general-education/#genedcoursestext>).

Major Core Requirements for all options

Code	Title	Credits
Core Requirement		
ECON 189	Skills for Academic Success ¹	1
ECON 201	Principles of Microeconomics	3
ECON 202	Principles of Macroeconomics	3
ECON 341	Intermediate Microeconomics	3
ECON 343	Intermediate Macroeconomics	3
MIS 116	Business Use of Computers	3
Program Option		36-43
Select one of three options: 1) Standard, 2) Quantitative, or 3) Business Economics		
Total Credits		52-59

- ¹ ECON 189 is only required for first-time, first-year students--A first-time, first-year student is defined as a student who has not yet completed a college course as a college student. Students that are not first-time, first-year students that either transfer into the university or change their major are not required to take AGRI 189.

Program Notes:

- Students selecting economics must complete the courses in the Core Requirement area (16 cr.) and the requirements outlined within one of the identified option areas listed below: 1] Standard Option (47-50 cr.), 2] Quantitative Economics Option (37-39 cr.), or 3] Business Economics Option (40 cr.).
- Students must earn a minimum 2.00 cumulative GPA in courses that satisfy the core requirement and option requirements.

Standard Option

Students selecting the Standard Option may complete either a Bachelor of Science or a Bachelor of Arts degree.

Code	Title	Credits
Economics Electives: Select 18 credits from the list below. At least 3 credits must be from the courses identified as "Approved as Capstone" and no more than 6 credits from the bottom selection.		18
ECON 402	Economics of Entrepreneurship	
ECON 410	Econometrics ²	
ECON 411	Computational Economics	
ECON 440	Game Theory and Strategy (Approved as Capstone)	
ECON 461	Economic Development (Approved as Capstone)	
ECON 465	Labor Economics	
ECON 470	Public Economics (Approved as Capstone)	
ECON 472	International Trade	
ECON 475	Health Economics (Approved as Capstone)	
ECON 476	Monetary Theory and Policy	
ECON 480	Industrial Organization (Approved as Capstone)	
ECON 481	Natural Resource Economics	
ECON 482	Environmental Economics	
Select no more than 6 credits from the following as part of the 18 economics electives:		
AGEC 339	Quantitative Methods & Decision Making	
AGEC 344	Agricultural Price Analysis	
AGEC 346	Applied Risk Analysis	
AGEC 347	Principles of Real Estate	
AGEC 445	Agribusiness Industrial Strategy	
AGEC 446	Agribusiness Finance	
ECON 324	Money and Banking	
ECON 356	History of Economic Thought	
FIN 410	Investment Analysis and Management	

FIN 420	Options, Futures, and Other Derivatives	
Other Requirements		
MATH 144	Mathematics for Business	4
STAT 330	Introductory Statistics	3
or STAT 367	Probability	
STAT 331	Regression Analysis ¹	2-3
or ECON 410	Econometrics	
Additional Requirements: 9 credits of Humanities & Fine Arts and Social & Behavioral Sciences		
Humanities & Fine Arts: Select 3 credits from the current general education list or any course with the prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA		3
Social & Behavioral Sciences: Select a total of 6 credits - 3 credits must be selected from the current general education list while the remaining 3 credits may be any course with a prefix of: ANTH, CJ, GEOG, POLS, PSYC, or SOC		6
Bachelor of Science or Bachelor of Arts Degree Requirement: A student must select either a BS or BA degree. The following requirements apply to the specific degree type selected.		3-17
Bachelor of Science: Completion of a minor program of study. This minor must be officially declared through the Office of Registration and Records. (Minimum 16 credits)		
Bachelor of Arts: Completion of the BA Language Proficiency requirements and 3 credits of 300-400 level humanities, social sciences or a study abroad experience. (Credits for language proficiency will vary depending on placement; 3-14 credits)		
Total Credits		39-54

¹ STAT 331 is waived if ECON 410 is taken.

Quantitative Economics option

Students selecting the Quantitative Economics Option complete a Bachelor of Science degree only.

Code	Title	Credits
Economics Electives: Select 9 credits from the following. At least 3 credits must be from the courses identified as "Approved as Capstone".		
ECON 402	Economics of Entrepreneurship	9
ECON 411	Computational Economics	
ECON 440	Game Theory and Strategy (Approved as Capstone)	
ECON 461	Economic Development (Approved as Capstone)	
ECON 465	Labor Economics	
ECON 470	Public Economics (Approved as Capstone)	
ECON 472	International Trade	
ECON 475	Health Economics (Approved as Capstone)	
ECON 476	Monetary Theory and Policy	
ECON 480	Industrial Organization (Approved as Capstone)	
ECON 481	Natural Resource Economics	
ECON 482	Environmental Economics	
Other Requirements		
CSCI 122	Visual BASIC	3
or CSCI 159	Computer Science Problem Solving	
ECON 410	Econometrics	3
MATH 165	Calculus I	4
MATH 166	Calculus II	4
MATH 259	Multivariate Calculus	3-4
or MATH 265	Calculus III	
or CSCI 222	Discrete Mathematics	
MATH 266	Introduction to Differential Equations	3
or STAT 368	Statistics	
STAT 367	Probability	3
or STAT 467	Probability and Mathematical Statistics I	
Additional Requirements: 3 credits of Humanities & Fine Arts		3

Humanities & Fine Arts: Select 3 credits from the current general education list or any course with the prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA

Minor in Computer Science, Mathematics or Statistics Required 10-14

This option requires the completion of either the computer science, mathematics or statistics minor. Approximately 10-14 credits for either of these minors remains after the completion of the Other Requirements for this option. The minor must be officially declared through the Office of Registration and Records.

Total Credits 45-50

Business Economics option

Students selecting the Business Economics Option complete a Bachelor of Science degree only.

Code	Title	Credits
Economics Electives: Select 12 credits from the following. At least 3 credits must be from the courses identified as "Approved as Capstone".		12
ECON 402	Economics of Entrepreneurship	
ECON 411	Computational Economics	
ECON 440	Game Theory and Strategy (Approved as Capstone)	
ECON 461	Economic Development (Approved as Capstone)	
ECON 465	Labor Economics	
ECON 470	Public Economics (Approved as Capstone)	
ECON 472	International Trade	
ECON 475	Health Economics (Approved as Capstone)	
ECON 476	Monetary Theory and Policy	
ECON 480	Industrial Organization (Approved as Capstone)	
ECON 481	Natural Resource Economics	
ECON 482	Environmental Economics	
Other Requirements		
ECON 410	Econometrics	3
ACCT 200	Elements of Accounting I	3
ACCT 201	Elements of Accounting II	3
CSCI 122	Visual BASIC	3
Additional Electives: Select 3 credits from the following		3
BUSN 340	International Business	
BUSN 341	Global Business Environment	
ECON 472	International Trade	
FIN 440	International Finance	
MGMT 440	International Management	
MRKT 440	International Marketing	
Quantitative Tools: Select 3 credits from the following		3
ACCT 420	Accounting Information Systems	
AGEC 339	Quantitative Methods & Decision Making	
MGMT 360	Operations Management	
Additional Requirements: 3 credits of Humanities & Fine Arts		3
Humanities & Fine Arts: Select 3 credits from the current general education list or any course with the prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA		
Minor in Business Administration or Accounting Required		10
This option requires the completion of either the business administration or accounting minor. Approximately 10+ credits for either of these minors remains after the completion of the Other Requirements for this option. The minor must be officially declared through the Office of Registration and Records.		
Total Credits		43

Minor Requirements

Economics Minor

Minor Requirements

Required Credits: 18

Code	Title	Credits
Required Courses		
ECON 201	Principles of Microeconomics	3
ECON 202	Principles of Macroeconomics	3
ECON 341 or BUSN 487	Intermediate Microeconomics Managerial Economics	3
ECON 343	Intermediate Macroeconomics	3
Elective Courses		
ECON 300-400	Elective	3
ECON 400	Elective	3
Total Credits		18

Minor Requirements and Notes

- A minimum of 8 credits must be taken at NDSU.
- Students must earn a minimum 2.00 GPA for the minor requirements.
- This minor is not available to Agricultural Economics majors.