

# Economics

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## Department Information

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

## Major Requirements

### Major: Economics (Standard Option)

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 specific 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 number 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 residence 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. Residence 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/2018-19/academic-policies/undergraduate-policies/degree-and-graduation>) section of this Bulletin.

### University General Education Requirements

Code	Title	Credits
<b>Communication (C)</b>		12
ENGL 110	College Composition I	
ENGL 120	College Composition II	
COMM 110	Fundamentals of Public Speaking	
Upper Division Writing <sup>†</sup>		
<b>Quantitative Reasoning (R) <sup>†</sup></b>		3
<b>Science and Technology (S) <sup>†</sup></b>		10
<b>Humanities and Fine Arts (A) <sup>†</sup></b>		6
<b>Social and Behavioral Sciences (B) <sup>†</sup></b>		6
<b>Wellness (W) <sup>†</sup></b>		2
<b>Cultural Diversity (D) <sup>*†</sup></b>		
<b>Global Perspectives (G) <sup>*†</sup></b>		
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/2018-19/academic-policies/undergraduate-policies/general-education/#genedcoursestext>).

## Major Requirements

Code	Title	Credits
<b>Required Courses for Economics</b>		
ECON 201	Principles of Microeconomics (May satisfy general education category B)	3
ECON 202	Principles of Macroeconomics (May satisfy general education category B)	3
ECON 341	Intermediate Microeconomics	3
ECON 343	Intermediate Macroeconomics	3
<b>Economics Electives: Select 15 credits from the following; 3 credits must be an approved capstone:</b>		<b>15</b>
ECON 410	Econometrics <sup>2</sup>	
ECON 440	Game Theory and Strategy (Approved as capstone)	
ECON 456	History of Economic Thought	
ECON 461	Economic Development (Approved as capstone)	
ECON 465	Labor Economics	
ECON 470	Public Economics (Approved as capstone)	
ECON 472	International Trade	
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 3 credits from the following as part of the 15 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	
FIN 410	Investment Analysis and Management	
FIN 420	Options, Futures, and Other Derivatives	
FIN 430	Management of Financial Institutions	
FIN 440	International Finance	
FIN 450	Advanced Bank Management	
FIN 460	Corporate Finance	
BUSN 487	Managerial Economics	
<b>Other Requirements</b>		
ECON 189	Skills for Academic Success	1
MIS 116	Business Use of Computers	3
MATH 144	Mathematics for Business (or any higher math)	4
STAT 330	Introductory Statistics (May satisfy general education category R)	3
STAT 331	Regression Analysis <sup>2</sup>	2 or 3
or ECON 410	Econometrics	
<b>Additional Requirements</b>		
Humanities & Fine Arts: May be selected from the current general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.		3
Social & Behavioral Sciences: Three (3) credits must be selected from the current general education list while the remaining three (3) credits may be any course with a prefix of: ANTH, CJ, GEOG, POLS, PSYC, or SOC.		6
<b>Total Credits</b>		<b>49-50</b>

- <sup>1</sup> AGRI189 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.
- <sup>2</sup> STAT 331 is waived if ECON 410 is taken.

## Degree Requirements and Notes

- Students must earn, at least, a 2.00 cumulative GPA that is based on the courses that satisfy major requirements.
- **Bachelor of Science (BS) Degree** - A minor program of study is required.
- **Bachelor of Arts (BA) Degree** - An additional 3 credits of 300-400 level humanities, social sciences or study abroad is required along with the successful completion of a second year language proficiency.

Link to view program description and 4-year Plan of Study (<http://bulletin.ndsu.edu/past-bulletin-archive/2018-19/programs-study/undergraduate/economics>)

## Major: Economics- Quantitative Option

Degree Type: 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 specific 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 number 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 residence 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. Residence 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/2018-19/academic-policies/undergraduate-policies/degree-and-graduation>) section of this Bulletin.

### University General Education Requirements

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

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

<sup>†</sup> 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/2018-19/academic-policies/undergraduate-policies/general-education/#genedcoursestext>).

## Major Requirements

The declaration of a MATHEMATICS or STATISTICS minor is required.

Code	Title	Credits
<b>Required Core Courses for Economics Quantitative Option</b>		
ECON 201	Principles of Microeconomics (May satisfy general education category B)	3
ECON 202	Principles of Macroeconomics (May satisfy general education category B)	3
ECON 341	Intermediate Microeconomics	3
ECON 343	Intermediate Macroeconomics	3
ECON 410	Econometrics	3
<b>Economics Electives: Select 6 credits from the following; at least 3 credits must be an approved capstone.</b>		6
ECON 440	Game Theory and Strategy (Approved as capstone)	
ECON 456	History of Economic Thought	
ECON 461	Economic Development (Approved as capstone)	
ECON 465	Labor Economics	
ECON 470	Public Economics (Approved as capstone)	
ECON 472	International Trade	
ECON 476	Monetary Theory and Policy	
ECON 480	Industrial Organization (Approved as capstone)	
ECON 481	Natural Resource Economics	
ECON 482	Environmental Economics	
<b>Additional Electives:</b>		
ECON 189	Skills for Academic Success	1
MIS 116	Business Use of Computers	3
MATH 165	Calculus I (May satisfy general education category R)	4
MATH 166	Calculus II	4
MATH 259	Multivariate Calculus	3-4
or MATH 265	Calculus III	
MATH 266	Introduction to Differential Equations	3
or STAT 368	Statistics	
STAT 367	Probability	3
or STAT 467	Probability and Mathematical Statistics I	
<b>Additional Requirements</b>		
Humanities & Fine Arts: May be selected from the current general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.		3
Social & Behavioral Sciences: Three (3) credits must be selected from the current general education list while the remaining three (3) credits may be any course with a prefix of: ANTH, CJ, GEOG, POLS, PSYC, or SOC.		6
Total Credits		51-52

<sup>1</sup> AGRI189 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.

## Degree Requirements and Notes

- Students must earn, at least, a 2.00 cumulative GPA that is based on the courses that satisfy major requirements.
- The Economics Quantitative option is available as a Bachelor of Science degree only.

## Minor Requirements

### Economics Minor

#### Minor Requirements

Required Credits: 18-19

Code	Title	Credits
<b>Required Courses</b>		
ECON 201	Principles of Microeconomics	3
ECON 202	Principles of Macroeconomics	3
ECON 341	Intermediate Microeconomics	3-4
or BUSN 487	Managerial Economics	
ECON 343	Intermediate Macroeconomics	3
<b>Elective Courses</b>		
ECON 300-400	Elective	3
ECON 400	Elective	3
Total Credits		18-19

### 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.