# **Economics**

Department Information

Department Location:

Richard H. Barry Hall

· Department Phone:

701-231-7441

 Department Web Site: www.ag.ndsu.edu/agecon

· Degrees Offered:

B.S.; B.A.

· Plan Of Study Sample:

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

## **Major Requirements**

ECON 202         Principles of Macroeconomics (May satisfy general education category B)         3           ECON 341         Intermediate Microeconomics         3           ECON 432         Intermediate Microeconomics         3           ECON 410         Economics Sectives: Select 15 credits from the following; 3 credits must be an approved capstone:         15           ECON 410         Economics Genomics (Approved as capstone)         15           ECON 456         History of Economic Development (Approved as capstone)         15           ECON 461         Economics Development (Approved as capstone)         15           ECON 470         Public Economics (Approved as capstone)         15           ECON 470         International Trade         15           ECON 476         Monetary Theory and Policy         15           ECON 480         Industrial Organization (Approved as capstone)         15           ECON 481         Natural Resource Economics         15           ECON 482         Environmental Economics         15           ECON 481         Natural Resource Economics         15           ECON 482         Environmental Economics         15           ECON 382         Applicularly Price Analysis         16           AGEC 346         Applicularly Price Analysis         16	Code	Title	Credits
ECON 202         Principles of Macroeconomics (May satisfy general education category B)         3           ECON 341         Intermediate Microeconomics         3           ECON 432         Intermediate Microeconomics         3           ECON 410         Economics Sectives: Select 15 credits from the following; 3 credits must be an approved capstone:         15           ECON 410         Economics Genomics (Approved as capstone)         15           ECON 456         History of Economic Development (Approved as capstone)         15           ECON 461         Economics Development (Approved as capstone)         15           ECON 470         Public Economics (Approved as capstone)         15           ECON 470         International Trade         15           ECON 476         Monetary Theory and Policy         15           ECON 480         Industrial Organization (Approved as capstone)         15           ECON 481         Natural Resource Economics         15           ECON 482         Environmental Economics         15           ECON 481         Natural Resource Economics         15           ECON 482         Environmental Economics         15           ECON 382         Applicularly Price Analysis         16           AGEC 346         Applicularly Price Analysis         16	Required Courses for Econon	nics	
ECON 343 Intermediate Microeconomics 33 Intermediate Macroeconomics 33 Intermediate Macroeconomics 33 ECON 343 Intermediate Macroeconomics 33 ECON 343 Intermediate Macroeconomics 34 ECON 410 Econometrics 2 ECON 440 Game Theory and Strategy (Approved as capstone) ECON 456 History of Economic Thought ECON 456 Labor Economics Development (Approved as capstone) ECON 451 Economic Development (Approved as capstone) ECON 452 Labor Economics ECON 470 Public Economics (Approved as capstone) ECON 472 International Trade ECON 472 International Trade ECON 476 Monetary Theory and Policy ECON 480 Industrial Organization (Approved as capstone) 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 344 Agricultural Price Analysis AGEC 344 Agricultural Price Analysis AGEC 345 Applied Risk Analysis AGEC 346 Applied Risk Analysis AGEC 347 Principles of Real Estate AGEC 346 Agribusiness Finance ECON 324 Money and Banking FIN 410 Investment Analysis and Management FIN 420 Options, Futures, and Other Derivatives FIN 430 Managerial Economics FIN 430 Managerial Economics FIN 440 International Finance FIN 440 International Finance BUSN 487 Managerial Economics FIN 440 Advanced Bank Management FIN 460 Corporate Finance BUSN 487 Managerial Economics  FIN 440 International Finance FIN 440 Advanced Bank Management FIN 450 Advanced Bank Management FIN 460 Corporate Finance BUSN 487 Managerial Economics  FIN 440 International Finance FIN 430 Managerial Economics  FIN 440 International Finance FIN 430 Managerial Economics  FIN 430 Managerial Economics  FIN 440 International Finance FIN 450 Advanced Bank Management FIN 460 Corporate Finance BUSN 487 Managerial Economics  FIN 450 Advanced Bank Management FIN 460 Fine Fine Fine Fine Fine Fine Fine Fine	ECON 201	Principles of Microeconomics (May satisfy general education category B)	3
ECON 343         Intermediate Macroeconomics         8           Economics Electives: Select 15 credits from the following: 3 credits must be an approved capstone:         18           ECON 410         Economics Electives: Select 15 credits from the following: 3 credits must be an approved as capstone)         8           ECON 456         History of Economic Development (Approved as capstone)         8           ECON 456         Labor Economics Development (Approved as capstone)         8           ECON 470         Public Economics (Approved as capstone)         8           ECON 476         Monetary Theory and Policy         8           ECON 476         Monetary Theory and Policy         8           ECON 481         Natural Resource Economics         8           ECON 482         Environmental Economics           Select no more than 3 credits from the following as part of the 15 economics electives:         8           AGEC 339         Quantitative Methods & Decision Making         8           AGEC 344         Agricultural Price Analysis         8           AGEC 347         Principles of Real Estate         8           AGEC 346         Agribusiness Finance         8           ECON 324         Money and Banking         8           FIN 430         International Finance         8	ECON 202	Principles of Macroeconomics (May satisfy general education category B)	3
ECON 343         Intermediate Macroeconomics         8           Economics Electives: Select 15 credits from the following: 3 credits must be an approved capstone:         18           ECON 410         Economics Electives: Select 15 credits from the following: 3 credits must be an approved as capstone)         8           ECON 456         History of Economic Development (Approved as capstone)         8           ECON 456         Labor Economics Development (Approved as capstone)         8           ECON 470         Public Economics (Approved as capstone)         8           ECON 476         Monetary Theory and Policy         8           ECON 476         Monetary Theory and Policy         8           ECON 481         Natural Resource Economics         8           ECON 482         Environmental Economics           Select no more than 3 credits from the following as part of the 15 economics electives:         8           AGEC 339         Quantitative Methods & Decision Making         8           AGEC 344         Agricultural Price Analysis         8           AGEC 347         Principles of Real Estate         8           AGEC 346         Agribusiness Finance         8           ECON 324         Money and Banking         8           FIN 430         International Finance         8	ECON 341	Intermediate Microeconomics	3
ECON 410 Econometrics 2 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 477 Public Economics (Approved as capstone) ECON 477 International Trade ECON 477 Monetary Theory and Policy ECON 480 Industrial Organization (Approved as capstone) ECON 481 Natural Resource Economics 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 345 Applied flisk Analysis AGEC 346 Applied flisk Analysis AGEC 347 Principles of Real Estate AGEC 348 Agribusiness Industrial Strategy AGEC 445 Agribusiness Industrial Strategy AGEC 446 Agribusiness Finance ECON 324 Money and Banking FIN 420 Options, Futures, and Other Derivatives FIN 430 Management of Financial Institutions FIN 440 International Finance BUSN 487 Managerial Economics  Other Requirements ECON 189 Skills for Academic Success MATH 144 Mathematics for Business (or any higher math)  AGHING Additional Requirements Humanities & Fine Arts: May 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.	ECON 343	Intermediate Macroeconomics	3
ECON 410         Econometrics 2           ECON 440         Game Theory and Strategy (Approved as capstone)           ECON 456         History of Economic Development (Approved as capstone)           ECON 467         Economic Development (Approved as capstone)           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 345         Applied Risk Analysis           AGEC 346         Applied Risk Analysis           AGEC 347         Principles of Real Estate           AGEC 348         Agribusiness Industrial Strategy           AGEC 346         Agribusiness Industrial Strategy           AGEC 347         Principles of Real Estate           AGEC 348         Agribusiness Industrial Strategy           AGEC 349         Money and Banking           FIN 410         Investe	Economics Electives: Select	15 credits from the following; 3 credits must be an approved capstone:	15
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 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 481 Natural Resource Economics ECON 482 Environmental 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 345 Applied filsk Analysis AGEC 347 Principles of Real Estate AGEC 445 Agribusiness Industrial Strategy 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			
ECON 461 Economic Development (Approved as capstone) ECON 470 Public Economics (Approved as capstone) 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 ECON 482 Environmental Economics ECON 482 Environmental Economics ECON 483 Quantitative Methods & Decision Making AGEC 349 Quantitative Methods & Decision Making AGEC 344 Agricultural Price Analysis AGEC 344 Agricultural Price Analysis AGEC 345 Applied Risk Analysis AGEC 346 Applied Risk Analysis AGEC 347 Principles of Real Estate AGEC 445 Agribusiness Industrial Strategy AGEC 446 Agribusiness Industrial Strategy AGEC 446 Agribusiness Industrial Strategy AGEC 446 Agribusines 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 450 Advanced Bank Management FIN 450 Advanced Bank Management FIN 450 Managerial Economics  Other Requirements  ECON 189 Skills for Academic Success  MIS 116 Business Use of Computers  MATH 144 Mathematics for Business (or any higher math) STAT 330 Introductory Statistics (May satisfy general education category R)  STAT 331 Regression Analysis 2 or 3 or ECON 410 Econometrics  Humanities & Fine Arts: May be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selecte	ECON 440	Game Theory and Strategy (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 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 345 Applied Risk Analysis AGEC 347 Principles of Real Estate AGEC 347 Principles of Real Estate AGEC 347 Agribusiness Industrial Strategy AGEC 446 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  Other Requirements  ECON 189 Skills for Academic Success MIS 116 Business Use of Computers MATH 144 Mathematics for Business (or any higher math)  STAT 331 Regression Analysis <sup>2</sup> 2 or 3 or ECON 410 Econometrics  Humanities & Fine Arts: May 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.	ECON 456	History of Economic Thought	
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 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 345   Applied Risk 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 430   Management of Financial Institutions   FIN 460   Corporate Finance   BUSN 487   Managerial Economics    Other Requirements  ECON 189   Skills for Academic Success   1	ECON 461	Economic Development (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 345 Applied Risk Analysis AGEC 346 Applied Risk Analysis AGEC 347 Principles of Real Estate AGEC 348 Agribusiness Industrial Strategy 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  Other Requirements  ECON 189 Skills for Academic Success MIS 116 Business Use of Computers MIS 114 Mathematics for Business (or any higher math)  STAT 330 Introductory Statistics (May satisfy general education category R)  STAT 331 Regression Analysis <sup>2</sup> 2 or 3 or ECON 410 Econometrics  Humanities & Fine Arts: May be selected from the currrent general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from	ECON 465	Labor Economics	
ECON 476 Monetary Theory and Policy ECON 480 Industrial Organization (Approved as capstone) ECON 480 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 345 Applied Risk Analysis AGEC 347 Principles of Real Estate 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  Other Requirements  ECON 189 Skills for Academic Success MMS 116 Business Use of Computers MMS 116 Business Use of Computers  MMS 117 Agreement Survives (Survives) FIN 430 Introductory Statistics (May satisfy general education category R)  3 TAT 330 Introductory Statistics (May satisfy general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education l	ECON 470	Public Economics (Approved as capstone)	
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 345 Applied Risk Analysis AGEC 346 Applied Risk Analysis AGEC 347 Principles of Real Estate AGEC 445 Agribusiness Industrial Strategy AGEC 446 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 BUSN 487 Managerial Economics  Other Requirements  ECON 189 Skills for Academic Success MIS 116 Business Use of Computers MATH 144 Mathematics for Business (or any higher math) STAT 330 Introductory Statistics (May satisfy general education category R)  3 STAT 331 Regression Analysis 2 or 3 or ECON 410 Econometrics  Additional Requirements  HURS, HURN, PURL, SPAN, or THEA. Social & Behavioral Sciences: Three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while t	ECON 472	International Trade	
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 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 BUSN 487 Managerial Economics  Other Requirements  ECON 189 Skills for Academic Success MMS 116 Business Use of Computers MMS 116 Business Use of Computers  MATH 144 Mathematics for Business (or any higher math)  STAT 330 Introductory Statistics (May satisfy general education category R)  STAT 331 Regression Analysis 2  or 30 or 50 CEON 410  Econometrics  Additional Requirements  HURS, HURS, CPHILL, SPAN, or THEA.  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: ART, CLAS, ENGL, FREN, GERM, Manager behavioral Sciences: Three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credi	ECON 476	Monetary Theory and Policy	
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 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  Other Requirements  ECON 189 Skills for Academic Success  MS 116 Business Use of Computers  MATH 144 Mathematics for Business (or any higher math)  STAT 330 Introductory Statistics (May satisfy general education category R)  STAT 331 Regression Analysis <sup>2</sup> 2 or 3 or ECON 410 Econometrics  Additional Requirements  HUMANITIES FINE ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHILL, SPAN, or THEA.  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.	ECON 480	Industrial Organization (Approved as capstone)	
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 345 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 HIN 450 Advanced Bank Management FIN 460 Corporate Finance BUSN 487 Managerial Economics  Other Requirements ECON 189 Skills for Academic Success MIS 116 Business Use of Computers MATH 144 Mathematics for Business (or any higher math) STAT 330 Introductory Statistics (May satisfy general education category R)  Additional Requirements  ECON 440, or THEA.  Additional Requirements  HURST HURS, PHILL, SPAN, or THEA.  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.	ECON 481	Natural Resource Economics	
AGEC 349 Agricultural Price Analysis AGEC 344 Apricultural Price Analysis AGEC 345 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  Other Requirements  ECON 189 Skills for Academic Success MIS 116 Business Use of Computers MATH 144 Mathematics for Business (or any higher math) STAT 330 Introductory Statistics (May satisfy general education category R)  STAT 331 Regression Analysis 2 or ECON 410 Econometrics  Additional Requirements  HURST, HURM, MUSC, PHIL, SPAN, or THEA.  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, C.J, GEOG, POLS, PSYC, or SOC.	ECON 482	Environmental Economics	
AGEC 349 Agricultural Price Analysis AGEC 344 Apricultural Price Analysis AGEC 345 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  Other Requirements  ECON 189 Skills for Academic Success MIS 116 Business Use of Computers MATH 144 Mathematics for Business (or any higher math) STAT 330 Introductory Statistics (May satisfy general education category R)  STAT 331 Regression Analysis 2 or ECON 410 Econometrics  Additional Requirements  HURST, HURM, MUSC, PHIL, SPAN, or THEA.  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, C.J, GEOG, POLS, PSYC, or SOC.	Select no more than 3 cred	dits from the following as part of the 15 economics electives:	
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 450 Advanced Bank Management FIN 450 Advanced Bank Management FIN 460 Corporate Finance BUSN 487 Managerial Economics  Other Requirements ECON 189 Skills for Academic Success MIS 116 Business Use of Computers MATH 144 Mathematics for Business (or any higher math) STAT 330 Introductory Statistics (May satisfy general education category R) STAT 331 Regression Analysis 2 or ECON 410 Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA. Social & Behavioral Sciences: Three (3) credits must be selected from the current general education list while the remaining three (3) credits must be selected from the current general education list while the remaining three (3) credits must be any be any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, and be any course with a prefix of: ANTH, CJ, GEOG, POLS, PSYC, or SOC.			
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  Other Requirements ECON 189 Skills for Academic Success MIS 116 Business Use of Computers MATH 144 Mathematics for Business (or any higher math) STAT 330 Introductory Statistics (May satisfy general education category R)  STAT 331 Regression Analysis 2 2 or 3 or ECON 410 Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA. Social & Behavioral Sciences: Three (3) credits must be selected from the currrent general education list while the remaining three (3) credits may be any course with a prefix of: ANTH, CJ, GEOG, POLS, PSYC, or SOC.	AGEC 344	-	
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  Other Requirements  ECON 189 Skills for Academic Success MIS 116 Business Use of Computers MATH 144 Mathematics for Business (or any higher math) STAT 330 Introductory Statistics (May satisfy general education category R)  STAT 331 Regression Analysis 2 or ECON 410 Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  Social & Behavioral Sciences: Three (3) credits must be selected from the current general education list while the remaining three (3) credits must be any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, and the prefix of: ART, CLAS, ENGL	AGEC 346	Applied Risk Analysis	
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  Other Requirements  ECON 189 Skills for Academic Success MIS 116 Business Use of Computers MATH 144 Mathematics for Business (or any higher math) STAT 330 Introductory Statistics (May satisfy general education category R)  STAT 331 Regression Analysis 2 or ECON 410 Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  Social & Behavioral Sciences: Three (3) credits must be selected from the current general education list while the remaining three (3) credits must be any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, and the prefix of: ART, CLAS, ENGL	AGEC 347	Principles of Real Estate	
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  Other Requirements  ECON 189 Skills for Academic Success  MATH 144 Mathematics for Business (or any higher math)  STAT 330 Introductory Statistics (May satisfy general education category R)  3 Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  Social & Behavioral Sciences: Three (3) credits must be selected from the currrent general education list while the remaining three (3) credits may be any course with a prefix of: ANTH, CJ, GEOG, POLS, PSYC, or SOC.	AGEC 445	Agribusiness Industrial Strategy	
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  Other Requirements  ECON 189 Skills for Academic Success MATH 144 Mathematics for Business (or any higher math) STAT 330 Introductory Statistics (May satisfy general education category R) STAT 331 Regression Analysis 2 or 3 or ECON 410 Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  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.	AGEC 446	Agribusiness Finance	
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  Other Requirements  ECON 189 Skills for Academic Success MIS 116 Business Use of Computers MATH 144 Mathematics for Business (or any higher math) STAT 330 Introductory Statistics (May satisfy general education category R)  STAT 331 Regression Analysis <sup>2</sup> 2 or 3 or ECON 410 Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  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.	ECON 324	Money and Banking	
FIN 430 Management of Financial Institutions  FIN 440 International Finance  FIN 450 Advanced Bank Management  FIN 460 Corporate Finance  BUSN 487 Managerial Economics  Other Requirements  ECON 189 Skills for Academic Success  MIS 116 Business Use of Computers  MATH 144 Mathematics for Business (or any higher math)  STAT 330 Introductory Statistics (May satisfy general education category R)  STAT 331 Regression Analysis 2  or ECON 410 Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  Social & Behavioral Sciences: Three (3) credits must be selected from the current general education list while the remaining three (3) credits must be any course with a prefix of: ANTH, CJ, GEOG, POLS, PSYC, or SOC.	FIN 410	Investment Analysis and Management	
FIN 440 International Finance FIN 450 Advanced Bank Management FIN 460 Corporate Finance BUSN 487 Managerial Economics  Other Requirements  ECON 189 Skills for Academic Success MIS 116 Business Use of Computers  MATH 144 Mathematics for Business (or any higher math) STAT 330 Introductory Statistics (May satisfy general education category R)  STAT 331 Regression Analysis 2 2 or 3 or ECON 410 Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  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.	FIN 420		
FIN 450 Advanced Bank Management FIN 460 Corporate Finance BUSN 487 Managerial Economics  Other Requirements  ECON 189 Skills for Academic Success 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 2 2 or 3 or ECON 410 Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  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.	FIN 430		
FIN 460 Corporate Finance BUSN 487 Managerial Economics  Other Requirements  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 2 2 or 3 or ECON 410 Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  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.	FIN 440	-	
BUSN 487 Managerial Economics  Other Requirements  ECON 189 Skills for Academic Success  MIS 116 Business Use of Computers  MATH 144 Mathematics for Business (or any higher math)  STAT 330 Introductory Statistics (May satisfy general education category R)  STAT 331 Regression Analysis 2 or 3 or ECON 410 Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  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.	FIN 450	Advanced Bank Management	
BUSN 487 Managerial Economics  Other Requirements  ECON 189 Skills for Academic Success  MIS 116 Business Use of Computers  MATH 144 Mathematics for Business (or any higher math)  STAT 330 Introductory Statistics (May satisfy general education category R)  STAT 331 Regression Analysis 2 or 3 or ECON 410 Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  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.	FIN 460	Corporate Finance	
Skills for Academic Success  MIS 116  Business Use of Computers  MATH 144  Mathematics for Business (or any higher math)  STAT 330  Introductory Statistics (May satisfy general education category R)  STAT 331  Regression Analysis 2  or ECON 410  Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  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.	BUSN 487	Managerial Economics	
MIS 116  MATH 144  Mathematics for Business (or any higher math)  STAT 330  Introductory Statistics (May satisfy general education category R)  STAT 331  Regression Analysis <sup>2</sup> or ECON 410  Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  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.	Other Requirements		
MIS 116  MATH 144  Mathematics for Business (or any higher math)  STAT 330  Introductory Statistics (May satisfy general education category R)  STAT 331  Regression Analysis <sup>2</sup> or ECON 410  Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  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.	ECON 189	Skills for Academic Success	1
STAT 330 Introductory Statistics (May satisfy general education category R)  STAT 331 Regression Analysis <sup>2</sup> 2 or 3 or ECON 410 Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  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.	MIS 116	Business Use of Computers	3
or ECON 410 Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  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.	MATH 144	Mathematics for Business (or any higher math)	4
or ECON 410  Econometrics  Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  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.	STAT 330	Introductory Statistics (May satisfy general education category R)	3
Additional Requirements  Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA.  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.	STAT 331	Regression Analysis <sup>2</sup>	2 or 3
Humanities & Fine Arts: May be selected from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, HIST, HUM, MUSC, PHIL, SPAN, or THEA. 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.	or ECON 410	Econometrics	
HIST, HUM, MUSC, PHIL, SPAN, or THEA.  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.	Additional Requirements		
may be any course with a prefix of: ANTH, CJ, GEOG, POLS, PSYC, or SOC.			3
			6
	Total Credits		49-50

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

### **Major Requirements**

The declaration of a MATHEMATICS or STATISTICS minor is required.

Code	Title	Credits
Required Core Courses for Economic	s Quantitative Option	
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
Economics Electives: Select 6 credits	s from the following; at least 3 credits must be an approved capstone.	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	
Additional Electives:		
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	
Additional Requirements		
Humanities & Fine Arts: May be select HIST, HUM, MUSC, PHIL, SPAN, or TH	cted from the currrent general education list or any course with a prefix of: ART, CLAS, ENGL, FREN, GERM, IEA.	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.		
Total Credits		51-52

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
Required Courses		
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
Elective Courses		
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.