

# Early-Entry Pathway

Welcome to North Dakota State University's Early-Entry Pathways program.

## AGRICULTURAL ECONOMICS

If you are interested in a degree in agricultural economics, you can take early-entry courses to get started on your degree. Early-entry courses listed meet the requirements or electives of this major. These courses may be used to meet your general education requirements as well. We suggest you also review the list of recommended general education courses.

### College Composition I

ENGL 110 | 3 credits  
General Education Category: C

Guided practice in the reading and writing of various genres for different situations and audiences. Includes research on the web and in the library. Prereq: English placement.

### College Composition II

ENGL 120 | 3 credits  
General Education Category: C

Advanced practice in reading and writing of various genres for different situations and audiences. Includes field research, collaboration, and visual communication. Prereq: ENGL 110 or placement.

### Fundamentals of Public Speaking

COMM 110 | 3 credits  
General Education Category: C

Theory and practice of public speaking with emphasis on content, organization, language, delivery, and critical evaluation of messages.

### Principles of Macroeconomics

ECON 202 | 3 credits  
General Education Category: B

Aggregate income and employment analysis; business cycles, unemployment, inflation and economic growth; fiscal policy; money and monetary policy; the U.S. economy and the world economy.

### Principles of Microeconomics

ECON 201 | 3 credits  
General Education Category: B

Nature, method, and scope of economic analysis; economic scarcity, resources, specialization of labor; supply-demand analysis; production and cost analysis; product and resource market structures; distribution of income; international trade.

### Introductory Statistics

STATS 330 | 3 credits  
General Education Category: Does not meet NDSU's general education requirements.

Frequency tables, histograms, probability, well-known probability distributions, one and two sample tests of hypotheses, confidence intervals, and contingency tables. Prereq: Algebra 2, MATH 103, MATH 104 or MATH 107 or Math placement into MATH 105, MATH 146 or MATH 165.

### Environmental Science

BIOL 124 | 3 credits  
Category: G & S

Ecological principles related to human cultures, resource use, and environmental alterations. For credit as a lecture/lab pair, students should take BIOL 100L as a co-requisite.

### Introduction to Agricultural Management

AGEC 242 | 3 credits  
General Education Category: Does not meet NDSU's general education requirements.

Economic and managerial concepts related to farm or agribusiness production process, development of cost data, enterprise analysis, organization and management of production inputs.

### Introduction to Precision

#### Agriculture

PAG 115 | 2 credits  
General Education Category: Does not meet NDSU's general education requirements.

Principles of precision agriculture, crop/livestock production in precision ag., GIS, GPS, sensors, drones, data acquisition & management, and remote sensing. Prereq: MATH 103.

### Mathematics for Business

MATH 144 | 4 credits  
General Education Category: B

Mathematics of finance, linear programming and its applications in business, limits, continuity, derivatives, implicit and logarithmic differentiation, higher order derivatives, optimization and extrema, partial differentiation, extreme values of functions of two variables. Prereq: MATH 103, MATH 107, or placement exam. Credit awarded only for MATH 144 or MATH 146, not both.

### Business Software Applications

TL 116 | 3 credits  
General Education Category: S

Instruction on the use of popular spreadsheet and database software applications including how and when to apply the features of these types of applications to address a variety of business problems. Content emphasizes leveraging widely used business tools via hands-on activities. Credit will be awarded only for TL 116, MIS 116, CSCI 114, or CSCI 116 but not more than one.

View all pathway guides & a general education guide at >>  
[bit.ly/EE\\_pathways\\_guides](https://bit.ly/EE_pathways_guides).

## Fundamentals of Accounting

ACCT 102 | 3 credits  
General Education Category: Does not meet NDSU's general education requirements.

Introduces financial statements and other accounting information to make personal and business decisions. Not available to majors and accounting minors in the College of Business Administration. Student may not have previously passed or be concurrently enrolled in ACCT 201.

## Elements of Accounting I

ACCT 200 | 3 credits  
General Education Category: Does not meet NDSU's general education requirements.

An introduction to accounting to enable the student to achieve a working knowledge of accounting and its uses. Emphasizes the basic concepts and approaches of accounting applied to businesses, the accounting cycle, and the preparation of the income statement and balance sheet. Co-req: TL 116.

## Elements of Accounting II

ACCT 201 | 3 credits  
General Education Category: Does not meet NDSU's general education requirements.

Emphasizes the use of accounting information as a basis for decision-making. Topics include the statement of cash flows, financial statement analysis, and managerial accounting (budgeting, job-order costing, cost-volume-profit analysis, short-term decision making, and capital budgeting). Prereq: ACCT 200.

## Interpersonal Communication

COMM 212 | 3 credits  
General Education Category: B

Theory and practice of communication in interpersonal relationships. Includes aspects of self-expression and relationship communication.

## Intercultural Communication

COMM 216 | 3 credits  
General Education Category: B & D

Exploration of the definition, models, and verbal processes of communication between different cultural groups.

## NOTES

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