

# Early-Entry Pathway

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

## FOOD SCIENCE

If you are interested in a degree in food science, 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.

### Introduction to Food Science & Technology

CFS 210 | 3 credits  
Instructor: Dr. Anuradha Vegi  
General Education Category: S

Overview of food components, food quality, nutrition, processing, packaging, safety, sanitation laws, sensory evaluation, distribution, and utilization.

### Computer Applications

CSCI 114 | 3 credits  
General Education Category: S

General introduction to computer concepts, operating systems, the internet, word processing, spreadsheets, database management and presentation software. Credit awarded for CSCI 114 OR CSCI 116.

### 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.

### Calculus I

MATH 165 | 4 credits  
General Education Category: R

Limits, continuity, differentiation, Mean Value Theorem, integration, Fundamental Theorem of Calculus and applications. Prereq: MATH 105, MATH 107 or placement.

### 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.

### General Chemistry I

CHEM 121 | 3 credits  
General Education Category: S

### General Chemistry I Lab

CHEM 121L | 1 credit  
General Education Category: S

Matter, measurement, atoms, ions, molecules, reactions, chemical calculations, thermochemistry, bonding, molecular geometry, periodicity, and gases. Prereq or Co-req: MATH 103, MATH 107 or Math placement.

### General Chemistry II

CHEM 122 | 3 credits  
General Education Category: S

Intermolecular forces, liquids, solids, kinetics, equilibria, acids and bases, solution chemistry, precipitation, thermodynamics, and electrochemistry. Prereq: CHEM 121.

### 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, MATH 107 or placement into MATH 105, MATH 146, MATH 165.

### 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.

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