COLLEGE OF AG, FOOD SYSTEMS & NATURAL RESOURCES
MAJOR: FOOD SAFETY
ACADEMIC YEAR: 2013-2014
DEGREE TYPE: B.S.
REQUIRED DEGREE CREDITS TO GRADUATE: 128

GENERAL EDUCATION REQUIREMENTS – 40 CREDITS

Lower Division Requirements – 37 Credits
First Year Experience (F) - 1 Credit
AGRI 189 Skills for Academic Success 1 cr
Students transferring in 24 or more credits do not need to take AGRI 189.

Communication (C) - 9 Credits
ENGL 110 College Composition I 3 cr
ENGL 120 College Composition II 3 cr
COMM 110 Fund of Public Speaking 3 cr

Quantitative Reasoning (R) - 3 Credits
STAT 330 Introductory Statistics 3 cr

Science & Technology (S) - 10 Credits
CHEM 121/L General Chemistry I/Lab 3/1 cr
CHEM 122/L General Chemistry II/Lab 3/1 cr
PHYS 211/L College Physics I/Lab 3/1 cr

Humanities & Fine Arts (A) - 6 Credits
Select from current general education courses www.ndsu.edu/registrar/gened/

Social & Behavioral Sciences (B) - 6 Credits
ECON 201 Principles of Microeconomics 3 cr
ECON 202 Principles of Macroeconomics 3 cr

Wellness (W) - 2 Credits
Select from current general education courses www.ndsu.edu/registrar/gened/

Cultural Diversity (D)
Select from current general education courses www.ndsu.edu/registrar/gened/

Global Perspectives (G)
ECON 201 Principles of Microeconomics

Upper Division Requirements - Writing – 3 Credits
ENGL 320, 321, or 324 3 cr

REQUIRED COURSES FOR FOOD SAFETY – 36-41 CREDITS

AGRI 150 Agriculture Orientation 1 cr
Students transferring in 24 or more credits do not need to take AGRI 150.
ANSC 340 Meat Science & Technology 3 cr
CFS 200 or Introduction to Food Systems 3 or 2 cr
CFS 210 Introduction to Food Science & Technology
CFS 460/461or Food Chemistry/Lab 3/1 or 3 cr
464 Food Analysis
CFS 370 or Food Processing I 3 or 3/1 cr
470/471 Food Processing II/Lab
MICR 350/L General Microbiology/Lab 3/2 cr
SAFE 401 Food Safety Information and Flow of Food 1 cr
SAFE 402 Foodborne Hazards 1 cr
SAFE 403 Food Safety Risk Assessment 1 cr
SAFE 404 Epidemiology of Foodborne Illness 1 cr
SAFE 405 Costs of Food Safety 1 cr
SAFE 406 Food Safety Crisis Communication 1 cr
SAFE 407 Food Safety Risk Management 1 cr
SAFE 408 Food Safety Regulatory Issues 1 cr
SAFE 409 Food Safety Risk Communication & Education 1 cr
SAFE 452 Food Laws & Regulations 3 cr
SAFE/MICR 474 Epidemiology 3 cr
SAFE 484 Food Safety Practicum 1-3 cr
SAFE/COMM 485 Crisis Communication in Public Relations 3 cr

SUPPORTING COURSES – 14-16 CREDITS

BIOC 260 or Elements of Biochemistry 4 or 3 cr
460 Foundations Biochemistry & Molecular Biology I
460
BIOL 150/L General Biology I/Lab 3/1 cr
CHEM 341/L Organic Chemistry I/Lab 3/1 cr
MATH 105 or Trigonometry 3 or 4 cr
146 or Applied Calculus I
165 Calculus I

DEGREE REQUIREMENTS – 29-36 CREDITS TO REACH 128

Degree Requirements and Notes:

Bachelor of Science (BS) Degree – The declaration of a minor is required.

- A 2.00 cumulative GPA is required for graduation and to remain in program.