### Suggested 4-Year Academic Flowchart

#### FRESHMAN
- **Fall**
  - Orientation to the Food Science and Nutrition Majors
    - FSN 101 (1)
  - Introduction to Food Science
    - FSN 125 (4)
- **Winter**
  - Food and Nutrition: Customs and Culture
    - FSN 250 (4)
  - Food Laws and Regulations
    - FSN 374 (4)
    - (FSN 125 or 230 or MWT 102)
- **Spring**
  - Survey of Organic Chemistry
    - CHEM 312 (5)
    - (CHEM 111, 124, or 127)
  - Calculus for the Life Sciences I
    - MATH 161 (4)

#### SOPHOMORE
- **Fall**
  - Introduction to Principles of Food Engineering
    - FSN 330 (4)
    - (FSN 125 or 230 or STAT 218 or PHYS 121)
  - Survey of Microbiology and Biotechnology
    - CHEM 313 (5)
    - (CHEM 312, 224, or 126)
- **Winter**
  - Calculus for the Life Sciences II
    - MATH 162 (4)
  - Introduction to Principles of Food Engineering
    - FSN 330 (4)
    - (FSN 125 or 230 or STAT 218 or PHYS 121)
- **Spring**
  - Food Quality Assurance
    - FSN 335 (4)
    - (FSN 125 or 230 or MWT 102)
  - Sensory Evaluation of Food
    - FSN 311 (4)
    - (FSN 114, 218, or PHYS 121)

#### JUNIOR
- **Fall**
  - Food Chemistry
    - FSN 364 (4)
    - (FSN 125 or 230 or CHEM 313)
  - Food Analysis
    - FSN 368 (4)
    - (FSN 364)
- **Winter**
  - Food Safety
    - FSN 375 (4)
    - (FSN 370)
  - Food Plant Sanitation and Prerequisite Programs
    - FSN 370 (4)
    - (FSN 204 and MCRO 221)
- **Spring**
  - Food Packaging
    - FSN 334 (3)
    - (FSN 125 or 230)
  - Sensory Evaluation of Food
    - FSN 311 (4)
    - (FSN 114, 218, or PHYS 121)

#### SENIOR
- **Fall**
  - Food Composting Science and Product Dev.
    - FSN 408 (4)
    - (FSN 311, 364, CHEM 313, Sr standing)
  - Senior Project I
    - FSN 461 (3)
- **Winter**
  - Senior Project II
    - FSN 462 (3)
  - Food Microbiology
    - MCRO 421 (4)
    - (MCRO 221 or 224, Biochem: CHEM 212/213)
- **Spring**
  - Survey of Economics
    - ECON 201 (4)
  - Survey of Economics
    - ECON 201 (4)
    - (FSN 311, 364, CHEM 313, Sr standing)
  - Food and Nutrition: Customs and Culture
    - FSN 250 (4)
  - Food and Nutrition: Customs and Culture
    - FSN 250 (4)
  - General Biology
    - BIO 111 (4)
    - (FSN 125 or 230, or AP Chem score of 5)
  - Calculus for the Life Sciences I
    - MATH 161 (4)
  - Calculus for the Life Sciences II
    - MATH 162 (4)
  - Calculus for the Life Sciences II
    - MATH 162 (4)
  - Calculus for the Life Sciences II
    - MATH 162 (4)

### Notes:
- **TOTAL YEARLY UNITS:** 45-49
- **TOTAL YEARLY UNITS:** 42-46
- **TOTAL YEARLY UNITS:** 43
- **TOTAL YEARLY UNITS:** 46
- **TOTAL:** 180

*Most General Education Courses can be taken in any order as long as prerequisites are met.*

**Reference to catalog for prerequisites.

**Note:** One course from each of the following GE areas must be completed: A1, A2, A3, C1, C2, C3, C4, C1-C5 elective, D1, D3, DS and F.

C4, DS and F should be taken only after Junior standing is reached (90 units).

Refer to online catalog for GE course selection and Graduation Writing Requirement (GWR).