Framingham State University

FOUR-YEAR PROGRAM COMPLETION PLAN

Department of Chemistry and Food Science

-- Domain General Education courses and open electives may be taken in any semester and in any order, except for Common Core Domain requirements, which must be taken during Year One.
-- A minor in one of the following areas is required with this concentration: Biology, Business, or Nutrition.
--Please refer to your Degree Audit for specific course requirements.

Recommended Schedule for Bachelor of Science: Major in Food Science, Concentration in Applied Food Science, (UFSA):

Year One: Fall Semester	Year One: Spring Semester
CHEM 107 Principles of Chemistry	CHEM 108 Principles of Chemistry and Quantitative Analysis
BIOL 130 Principles of Biology	FDSC 151 Principles of Food Science
MATH 200 Precalculus OR MATH 219 Calculus I	Domain General Education Course
Domain General Education Course	Domain General Education Course

Year Two: Fall Semester	Year Two: Spring Semester
CHEM 207 Organic Chemistry I	CHEM 208 Organic Chemistry II
PHYS 201 Introductory Physics	MATH 208 Biostatistics OR MATH 117 Introduction to Statistics
Concentration Course OR Open Elective	Concentration Course OR Open Elective
Domain General Education Course OR Open Elective	Domain General Education Course OR Open Elective

Year Three: Fall Semester	Year Three: Spring Semester
CHEM 301 Biochemistry I	FDSC 405 Food Analysis
BIOL 235 Principles of Human Biology	BIOL 307 Microbiology
Minor Course OR Open Elective	Minor Course OR Open Elective
Domain General Education Course OR Open Elective	Domain General Education Course OR Open Elective

Year Four: Fall Semester	Year Four: Spring Semester
FDSC 351 Food Engineering & Processing	FDSC 408 Food Chemistry
Minor Course OR Open Elective	Minor Course OR Open Elective
Minor Course OR Open Elective	Minor Course OR Open Elective
Domain General Education Course OR Open Elective	Domain General Education Course OR Open Elective

Domain General Education Checklist:

- Domain II-B is fulfilled through completion of the major.

Common Core:
__ A. ENWR 110 Composition II
__ B. MATH XXX (credit-bearing)

Domain I:
__ A. Creative Arts
__ B. Humanities
__ C. Language

Domain II:
__ A. Analysis, Modeling, Problem Solving
_X_ B. Natural Sciences (two courses)

Domain III:
__ A. Perspectives on the Past
__ B. Perspectives on Contemporary World
__ C. Global Competency, Ethical Reasoning, Human Diversity