



### 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):**

<b>Year One: Fall Semester</b>	<b>Year One: Spring Semester</b>
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

<b>Year Two: Fall Semester</b>	<b>Year Two: Spring Semester</b>
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

<b>Year Three: Fall Semester</b>	<b>Year Three: Spring Semester</b>
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

<b>Year Four: Fall Semester</b>	<b>Year Four: Spring Semester</b>
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. ENGL 110 Expository Writing
	___	B. MATH XXX (credit-bearing)
Domain I:	___	A. Creative Arts
	___	B. Humanities
	___	C. Language
Domain II:	___	A. Analysis, Modeling, Problem Solving
	<u>  X  </u>	B. Natural Sciences (two courses)
Domain III:	___	A. Perspectives on the Past
	___	B. Perspectives on Contemporary World
	___	C. Global Competency, Ethical Reasoning, Human Diversity