



### 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.

--Please refer to your Degree Audit for specific course requirements.

#### **Recommended Schedule for Bachelor of Science: Major in Food Science, Concentration in Food and Technology (UFST):**

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 161 Introduction to Food Science and Technology
MATH 219 Calculus I	MATH 220 Calculus II
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 211 Principles of Physics I	PHYS 212 Principles of Physics II
BIOL 235 Principles of Human Physiology	Domain General Education 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 303 Physical Chemistry I	FDSC 495 Food Industrial Practicum OR FDSC 490 Directed Study in Food Science OR CHEM 304 Physical Chemistry II
CHEM 301 Biochemistry I	FDSC 351 Food Engineering and Processing
BIOL 307 Principles of Microbiology	FDSC 405 Food Analysis
Domain General Education Course OR Open Elective	Domain General Education Course OR Open Elective

Year Four: Fall Semester	Year Four: Spring Semester
MATH 208 Biostatistics OR MATH 117 Introduction to Statistics	FDSC 408 Food Chemistry
NUTR 374 Human Nutrition Science	FDSC 413 Food Safety and Microbiology
Domain General Education Course OR Open Elective	Domain General Education 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