



**California State Polytechnic University, Pomona
Degree Curriculum Sheet**

Plan (Major) **FOOD SCIENCE & TECHNOLOGY**
Track **Business Track**

Catalog Year **2008-2009** Name _____
Minimum Units Required **180** Student ID _____

Evaluator _____
GWT Satisfied _____ Yes _____ No

Required Core Courses		
Course		Units
Orientation to College of Agriculture	AG 100	1
Introduction to the Professions	FN 100	1
Introduction to Food Science & Technology	FST 125	4
Food Safety and Current Issues	FST 325	4
Food Laws and Regulations	FST 322	4
Food Process Engineering I	FST 232/232L	2/1
Food Process Engineering II	FST 332/332L	2/1
Food Chemistry I	FST 420/420L	3/1
Food Chemistry II	FST 426/426L	3/1
Food Analysis	FST 422/422L	3/1
Unit Operations in Food Processing I	FST 417/417L	2/1
Unit Operations in Food Processing II	FST 427/427L	2/1
Principles of HACCP	FST 423/423A	3/1
Internship**	FST 441	2
Food Science Colloquium**	FST 464	2
**Denotes Capstone Experience		
Total Units		46

Required Subplan/Option Courses		
Course		Units
Food Packaging	FST 319/319A	3/1
Sensory Evaluation	FST 318/318L	2/2
Food Product Development	FST 421/421L	2/2
Total Units		12

Elective Subplan/Option Courses		
Course		Units
<i>Select 20 units from the following courses:</i>		
20		
Trigonometry	MAT 106	4
Sales & Advertising Management	FMA 225	4
Food & Agribusiness Marketing	FMA 304	4
Wholesaling & Retailing of Food Production	FMA 306	4
Financial Analysis Agribusiness I	FMA 326	4
Financial Analysis Agribusiness II	FMA 327	3
International Food & Agribusiness Marketing	FMA 330	4
Operations Management for Agribusiness	FMA 376	4
Food & Agricultural Marketing Applications	FMA 405	4
Global Business Perspectives	IBM 210	4
Principles of Marketing Management	IBM 301	4
Promotional Strategies	IBM 307	4
Business Logistics	IBM 309	4
International Marketing Management	IBM 414	4
see next column		

Required Support Courses			
Course			Units
Freshman English I (A2)	ENG 104		4
Freshman English II (A3)	ENG 105		4
General Chemistry (B1, B3)	CHM 121/121L		3/1
General Chemistry (B1, B3)	CHM 122/122L		3/1
General Chemistry (B1, B3)	CHM 123/123L		3/1
College Physics (B1, B3)	PHY 121/121L		3/1
Basic Biology (B2, B3)	BIO 115/115L		3/2
Calculus for the Life Sciences (B4)	MAT 120		4
Statistics with Applications (B4)	STA 120		4
Ethical Issues in Food, Agricultural and Apparel Industries (C4 or D4)	AG 401		4
Political Science (D1)	PLS 201		4
U.S. History (D1)	HST 202		4
Agriculture in the Modern World (D2)	AG 101		4
General Psychology (E)	PSY 201		4
Elements of Organic Chemistry	CHM 201/250L		3/1
or Organic Chemistry***	CHM 314/317L		(3/1)
Elements of Biochemistry	CHM 321/321L		3/1
Basic Microbiology	MIC 201/201L		3/2
Food Microbiology	MIC 320/320L		2/2
***If CHM 314/317L is chosen, CHM 315/318L and CHM 316/319L must be taken as part of Elective Track Units			
Total Units			74

Elective Subplan/Option Courses (continued)			
Course			Units
<i>Continued</i>			20
Introduction to Electronic Business	EBZ 301		4
Principles of Management	MHR 301		4
Operations Management	TOM 301		4
Production Management	TOM 332		4
Total Quality Management	TOM 401		4
Project Management	TOM 436		4
Principles of Economics	EC 201		4
Waste Management	EC 438		4
Industrial Organization	EC 440		4
Internship**	FST 442		2-4
**Denotes Capstone Experience			
Total Units			20

General Education Requirements		
Area		Units
Area A Communication & Critical Thinking		12
1 Oral Communication		
2 Written Communication		
3 Critical Thinking		
Area B Mathematics & Natural Sciences		16
<i>Select at least one lab course from sub-area 1 or 2.</i>		
1 Physical Science		
2 Biological Science		
3 Laboratory Activity		
4 Math/Quantitative Reasoning		
5 Science & Technology Synthesis		
Area C Humanities		16
1 Fine and Performing Arts		
2 Philosophy and Civilization		
3 Literature and Foreign Language		
4 Humanities Synthesis		
Area D Social Sciences		20
1 U.S. History, Constitution, American Ideals		
2 History, Economics and Political Science		
3 Sociology, Anthropology, Ethnic & Gender Studies		
4 Social Science Synthesis		
Area E Lifelong Understanding & Self Development		4
Total Units		68

American Institutions	Units
Courses that satisfy this requirement may also satisfy G.E. Area D1	8

American Cultural Perspectives Requirement	Units
Refer to catalog for list of courses that satisfy this requirements. Course may also satisfy major, minor, GE, or unrestricted elective requirements.	4

The following required support courses should be taken to satisfy the indicated GE Requirements to achieve the minimum units to degree listed at the top of this sheet.

Course		GE Area
Freshman English I	ENG 104	A2
Freshman English I	ENG 105	A3
General Chemistry	CHM 121/121L	B1, B3
or General Chemistry	CHM 122/122L	(B1, B3)
or General Chemistry	CHM 123/123L	(B1, B3)
or College Physics	PHY 121/121L	(B1, B3)
Basic Biology	BIO 115/115L	B2, B3
Calculus for the Life Sciences	MAT 120	B4
or Statistics with Applications	STA 120	(B4)
Ethnic Issues in Food, Agricultural, Apparel Industries	AG 401	C4 or D4
Political Science	PLS 201	D1
U.S. History	HST 202	D1
Agriculture in the Modern World	AG 101	D2
General Psychology	PSY 201	E

The remaining GE requirements may be satisfied by any course approved for that area.

No more than 105 community college quarter units or 36 extension credit quarter units may be applied toward a Bachelor's degree.
A minimum 2.0 cumulative GPA is required in core (including option) courses, Cal Poly Pomona courses, and overall work completed in order to receive a degree in this major.