



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

Plan (Major) **FOOD SCIENCE & TECHNOLOGY**
Subplan/Option **Culinology® Track**

Catalog Year **2008-2009**
Minimum Units Required **180**

Name _____
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	3/1
Unit Operations in Food Processing I	FST 417/417L	2/1
Unit Operations in Food Processing II	FST 427/427L	2/1
Food Analysis	FST 422/422L	3/1
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 Track Courses		
Course		Units
Sensory Evaluation	FST 318/318L	2/2
Food Product Development	FST 421/421L	2/2
Sanitation Practices in the Hospitality Industry	HRT 225	1
Professional Cooking I	HRT 281/281L	2/2
World Cuisine	HRT 324/324L	2/2
Professional Healthy Cooking	HRT 325/325L	2/2
Professional Cooking II	HRT 381/381L	2/2
Total Units		25

Elective Track Courses		
Course		Units
<i>Select 7 units from the following courses:</i>		
7		
Culinary Produce Technology	PLT 222	4
Introduction to Foods	FN 121/121L	2/2
Culture and Meal Patterns	FN 328/328L	2/2
Healthy American Cuisine	HRT 255	4
Beer and Culture	HRT 312	4
Wines, Beers, and Spirits	HRT 315	4
Wines of the World	HRT 316	4
Culinary Product Development & Evaluation	HRT 485	4
Internship**	FST 442	2-4
**Denotes Capstone Experience		
Total Units		7

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
Statistics with Applications (B4)	STA 120		4
Calculus for the Life Sciences (B4)	MAT 120		4
Nutrition, Science and Health (B5)	FN 305		4
Agriculture in the Modern World (D2)	AG 101		4
Ethical Issues in Food, Agricultural and Apparel Industries (C4 or D4)	AG 401		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 Track Elective Units)			
Select a sufficient number of courses so that the total from "Elective Track" and "GE" is at least 76 units.			
Total Units			70

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 II	ENG 105	A3
General Chemistry	CHM 121/121L	B1, B3
Basic Biology	BIO 115/115L	B2, B3
Statistics with Applications	STA 120	B4
Nutrition, Science and Health	FN 305	B5
Agriculture in the Modern World Industries	AG 101	D2
Ethical Issues in Food, Agricultural and Apparel	AG 401	C4 or D4
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.