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

Required Core Courses			Required Support Courses		General Education Requi
Course		Units	Course	Units	Area
Orientation to College of Agriculture Orientation and Careers in FST Introduction to Food Science & Technology Food Process Engineering I Food Laws and Regulations Food Safety and Current Issues Food Process Engineering II Unit Operations in Food Processing I Food Chemistry I Food Chemistry I Food Chemistry II Unit Operations in Food Processing II Food Analysis Principles of HACCP Internship** Food Science Colloquium** Food Microbiology **Denotes Capstone Experience	AG 100 FST 100 FST 125 FST 232/232L FST 322 FST 322 FST 332/332L FST 417/417L FST 420/420L FST 426/426L FST 426/426L FST 427/427L FST 428/428L FST 430/430A FST 441 FST 390 MIC 320/320L Total Units	1 4 2/1 4 4 2/1 3/1 3/1 3/1 3/1 3/1 3/1 2 2 3/1 52	Agriculture in the Modern World (D2)AG 101Ethical Issues in Food, AgriculturalAG 401and Apparel Industries (C4 or D4)Basic Biology (B2, B3)BIO 115/115A/115Lor Foundations of Biology (B2, B3)*BIO 121/121LGeneral Chemistry (B1, B3)CHM 121/121LGeneral Chemistry (B1, B3)CHM 122/122LGeneral Chemistry (B1, B3)CHM 123/123LElements of Organic ChemistryCHM 321/23LElements of Organic ChemistryCHM 321/321LFreshman English I (A2)ENG 104Freshman English I (A3)ENG 105Foods and Culture (D3)FN 228Nutrition, Science, and Health (B5)FN 305Calculus for the Life Sciences (B4)MAT 120Basic MicrobiologyMIC 201/201LCollege Physics (B1, B3)PHY 121/121LGeneral Psychology (E)PSY 201Statistics with Applications (B4)STA 120*If BIO 121/121L is chosen, BIO 122/122L and BIO 123/123L must be takenas part of Elective Track Courses.STA 120	4 4 3/1/1 (3/2) 3/1 3/1 3/1 3/1 (3/1) 3/1 4 4 4 4 3/1 3/1 3/1 4 4 4 4 4	Area A Communication 1 Oral Communica 2 Written Communica 3 Critical Thinking Area B Mathematics & Select at least one lab co 1 Physical Science 2 Biological Science 3 Laboratory Activ 4 Math/Quantitati 5 Science & Techn Area C Humanities 1 Visual and Perfo 2 Philosophy and C 3 Literature and Ferfo 4 Humanities Synt Area D Social Science 1 U.S. History, Cor 2 History, Economi 3 Sociology, Anthr 4 Social Science S Area E Lifelong Under
-		Units	**If CHM 314/317L is chosen, CHM 315/318L and CHM 316/319L must be		American Institutions Courses that satisfy this requ
<i>Select 30 units from one of the track areas (see r</i> Business Culinology Pre-Professional Science and Technology	reverse side):	30	taken as part of Elective Track Courses. Total Units	69	American Cultural Perspective Refer to catalog for list of con may also satisfy major, minor The following required support

Unrestricted Electives Units Course Unrestricted Electives 0-1 Select a sufficient number of courses so that the total from "Required Support", "GE", and "Unrestricted Electives" is at least 98 units. 0-1 Total Units

			12
Area A	Communication & Critical Thinking		12
1	Oral Communication		
2	2 Written Communication		
3	Critical Thinking		
	Mathematics & Natural Sciences		16
	it least one lab course from sub-area 1 o	r 2	
1	Physical Science	1 2.	
2	1		
	Laboratory Activity		
3 4			
	, 0		
	Science & Technology Synthesis		40
	Humanities		16
1 Visual and Performing Arts			
2	Philosophy and Civilization		
	Literature and Foreign Language		
	Humanities Synthesis		
Area D	Social Sciences		20
1	U.S. History, Constitution, American Ide		
2	History, Economics and Political Scienc	е	
3	Sociology, Anthropology, Ethnic & Gend	ler Studies	
4	Social Science Synthesis		
Area E	Lifelong Understanding & Self Dev	elopment	4
Area E		elopment Total Units	4 68
	Lifelong Understanding & Self Dev		-
America	Lifelong Understanding & Self Development	Total Units	68
America	Lifelong Understanding & Self Dev	Total Units	-
America Courses	Lifelong Understanding & Self Development an Institutions that satisfy this requirement may also satisfy (Total Units	68
America Courses America	Lifelong Understanding & Self Deve an Institutions that satisfy this requirement may also satisfy on Cultural Perspectives Requirement	Total Units	68 8
America Courses America Refer to o	Lifelong Understanding & Self Development an Institutions that satisfy this requirement may also satisfy (an Cultural Perspectives Requirement catalog for list of courses that satisfy this requ	Total Units G.E. Area D1 iirements. Course	68
America Courses America Refer to o	Lifelong Understanding & Self Deve an Institutions that satisfy this requirement may also satisfy on Cultural Perspectives Requirement	Total Units G.E. Area D1 iirements. Course	68 8
America Courses America Refer to o may also	Lifelong Understanding & Self Development an Institutions that satisfy this requirement may also satisfy (an Cultural Perspectives Requirement catalog for list of courses that satisfy this requ	Total Units G.E. Area D1 irements. Course ve requirements.	68 8 4
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America Courses America Refer to o may also The follo Requirem	Lifelong Understanding & Self Deve an Institutions that satisfy this requirement may also satisfy the in Cultural Perspectives Requirement catalog for list of courses that satisfy this requires satisfy major, minor, GE, or unrestricted election wing required support courses should be taken	Total Units G.E. Area D1 irements. Course ve requirements. h to satisfy the indicate	68 8 4 d GE sheet.
America Courses America Refer to o may also The follo Requirem Course	Lifelong Understanding & Self Development an Institutions that satisfy this requirement may also satisfy the in Cultural Perspectives Requirement catalog for list of courses that satisfy this requires satisfy major, minor, GE, or unrestricted election wing required support courses should be taken then to achieve the minimum units to degree	Total Units G.E. Area D1 irements. Course ve requirements. h to satisfy the indicate	68 8 4 d GE sheet.
America Courses America Refer to o may also The follo Requirem Course Freshman	Lifelong Understanding & Self Development an Institutions that satisfy this requirement may also satisfy the an Cultural Perspectives Requirement catalog for list of courses that satisfy this requires satisfy major, minor, GE, or unrestricted election wing required support courses should be taken thents to achieve the minimum units to degree an English I	Total Units G.E. Area D1 irrements. Course ve requirements. In to satisfy the indicate listed at the top of this	68 8 4 d GE sheet. GE Are
America Courses America Refer to o may also The follo Requiren Course Freshmal Freshmal	Lifelong Understanding & Self Development an Institutions that satisfy this requirement may also satisfy the in Cultural Perspectives Requirement catalog for list of courses that satisfy this requires satisfy major, minor, GE, or unrestricted election wing required support courses should be taken then to achieve the minimum units to degree	Total Units G.E. Area D1 irrements. Course ve requirements. In to satisfy the indicate listed at the top of this ENG 104	68 8 4 d GE sheet. GE Are A2 A3
America Courses America Refer to o may also The follo Requiren Course Freshman General or Gene	Lifelong Understanding & Self Devo an Institutions that satisfy this requirement may also satisfy the modulural Perspectives Requirement catalog for list of courses that satisfy this requires satisfy major, minor, GE, or unrestricted election wing required support courses should be taken nents to achieve the minimum units to degree n English I n English I chemistry eral Chemistry	Total Units G.E. Area D1 irrements. Course ve requirements. to satisfy the indicate listed at the top of this ENG 104 ENG 105 CHM 121/121L CHM 122/122L	68 8 4 d GE sheet. GE Are A2 A3 B1, B3 (B1, B3 (B1, B3
America Courses America Refer to o may also The follo Requiren Course Freshman Freshman General I or Gene or Gene	Lifelong Understanding & Self Deve an Institutions that satisfy this requirement may also satisfy the modulation of the satisfy this requirement catalog for list of courses that satisfy this requirement satisfy major, minor, GE, or unrestricted election wing required support courses should be taken nents to achieve the minimum units to degree the English I n English I n English I Chemistry aral Chemistry aral Chemistry	Total Units G.E. Area D1 irrements. Course ve requirements. to satisfy the indicate listed at the top of this ENG 104 ENG 105 CHM 121/121L CHM 122/122L CHM 123/123L	68 8 4 d GE sheet. GE Are A2 A3 B1, B3 (B1, B3 (B1, B3
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America Courses America Refer to o may also The follo Requiren Course Freshman General or Gene or Gene or Colle Basic Bio	Lifelong Understanding & Self Devo in Institutions that satisfy this requirement may also satisfy (in Cultural Perspectives Requirement catalog for list of courses that satisfy this requi- satisfy major, minor, GE, or unrestricted electi wing required support courses should be taken in english 1 n English 1 n English 1 chemistry aral Chemistry aral Ch	Total Units G.E. Area D1 irrements. Course ve requirements. In to satisfy the indicate listed at the top of this ENG 104 ENG 105 CHM 121/121L CHM 122/122L CHM 122/122L CHM 122/121L BIO 115/115A/115L	68 8 4 d GE sheet. GE Are A2 A3 B1, B3 (B1, B3 (B1, B3 (B1, B3 (B1, B3 B2, B3)
America Courses Refer to o may also The follo Requirem Course Freshman General or Gene or Gene or Gene or Gene or Colle Basic Bic or Found	Lifelong Understanding & Self Devo an Institutions that satisfy this requirement may also satisfy (in Cultural Perspectives Requirement catalog for list of courses that satisfy this required satisfy major, minor, GE, or unrestricted electi wing required support courses should be taken tents to achieve the minimum units to degree in English I n English I Chemistry aral Chemistry aral Chemistry aral Chemistry aral Chemistry aral Chemistry aral Chemistry atom Sof Biology	Total Units G.E. Area D1 irrements. Course ve requirements. n to satisfy the indicate listed at the top of this ENG 104 ENG 105 CHM 121/121L CHM 122/122L CHM 122/122L CHM 122/121L BIO 115/115/4115L BIO 112/121L	68 8 4 d GE sheet. GE Are A3 B1, B3 (B1, B3 (B1, B3 (B1, B3 (B1, B3 (B1, B3 (B2, B3) (B2, B3)
America Courses America Refer to o may also The follo Requirem Course Freshmai General or Gene or Gene or Gene or Colle Basic Bic or or Found Calculus	Lifelong Understanding & Self Devo an Institutions that satisfy this requirement may also satisfy the modular of the satisfy this requirement catalog for list of courses that satisfy this require satisfy major, minor, GE, or unrestricted election wing required support courses should be taken nents to achieve the minimum units to degree n English I n English I n English I Chemistry eral Chemistry aral Chemistry aral Chemistry aral Chemistry aral Chemistry ations of Biology for the Life Sciences	Total Units G.E. Area D1 irrements. Course ve requirements. to satisfy the indicate listed at the top of this ENG 104 ENG 105 CHM 121/121L CHM 122/122L CHM 122/122L CHM 122/122L CHM 122/121L BIO 115/115A/115L BIO 121/121L MAT 120	68 8 4 d GE sheet. GE Are A3 B1, B3 (B1, B3 (B1, B3 (B1, B3 (B1, B3 (B1, B3 (B1, B3 (B1, B3 (B2, B3 (B2, B3 (B2, B3 (B4)) (B4))
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America Courses Refer to o may also The follo Requiren Course Freshman General or Gene or Golle Basic Bui or Stat Calculus or Stat Nutrition	Lifelong Understanding & Self Devi an Institutions that satisfy this requirement may also satisfy the catalog for list of courses that satisfy this requirement catalog for list of courses that satisfy this requirements to achieve the minimum units to degree an English I n English I n English I n English I chemistry aral Chemistry aral Chemistry age Physics Jology ations of Biology for the Life Sciences sitics with Applications , Science, and Health	Total Units G.E. Area D1 irrements. Course ve requirements. In to satisfy the indicate listed at the top of this ENG 104 ENG 104 ENG 105 CHM 121/121L CHM 122/122L CHM 123/123L PHY 121/121L BIO 115/115A/115L BIO 115/115A/115L BIO 121/121L MAT 120 STA 120 FN 305	68 8 4 d GE sheet. GE Are A2 A3 B1, B3 (B1, B3 (B1, B3 (B1, B3 (B1, B3 (B1, B3 (B1, B3 (B1, B3 (B2, B3 (B2, B3 (B2, B3 (B2, B3 (B4)(B4)) (B4)(B5)
America Courses America Refer to o may also The follo Requiren Course Freshman General 1 or Gene or Gene or Golle Basic Bic or Found Calculus or Stat Nutrition Ethnic Is:	Lifelong Understanding & Self Devi in Institutions that satisfy this requirement may also satisfy (in Cultural Perspectives Requirement catalog for list of courses that satisfy this requi- satisfy major, minor, GE, or unrestricted electi wing required support courses should be taken nents to achieve the minimum units to degree n English 1 n English 1 n English 1 Chemistry aral Chemistry ge Physics plogy ations of Biology for the Life Sciences istics with Applications , Science, and Health sues in Food, Agricultural, Apparel Industries	Total Units G.E. Area D1 irrements. Course ve requirements. To satisfy the indicate listed at the top of this ENG 104 ENG 105 CHM 121/121L CHM 122/122L CHM 122/122L CHM 122/122L CHM 122/122L BIO 115/115A/115L BIO 121/121L MAT 120 STA 120 FN 305 AG 401	68 8 4 d GE sheet. GE Are: A2 A3 B1, B3 (B1, B3 (B1, B3 (B1, B3 (B1, B3 (B1, B3 (B1, B3 (B1, B3 (B2, B3) (B2, B3) (B2, B3) (B2, B3) (B2, C4) (C4)
America Courses America Refer to o may also The follo Requirem Course Freshman General or Gene or Gene or Gene or Colle Basic Bic or Found Calculus or Stat Nutrition Ethnic Is: Agricultu	Lifelong Understanding & Self Devi an Institutions that satisfy this requirement may also satisfy the catalog for list of courses that satisfy this requirement catalog for list of courses that satisfy this requirements to achieve the minimum units to degree an English I n English I n English I n English I chemistry aral Chemistry aral Chemistry age Physics Jology ations of Biology for the Life Sciences sitics with Applications , Science, and Health	Total Units G.E. Area D1 irrements. Course ve requirements. In to satisfy the indicate listed at the top of this ENG 104 ENG 104 ENG 105 CHM 121/121L CHM 122/122L CHM 123/123L PHY 121/121L BIO 115/115A/115L BIO 115/115A/115L BIO 121/121L MAT 120 STA 120 FN 305	68 8 4 d GE sheet. GE Are A2 A3 (B1, B3 (B1, B3) (B1, B3 (B1, B3) (B1, B3 (B1, B3) (B1,

TGA_

GWT Satisfied

Yes

No

Units

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.

Elective Irack Courses		
Course	Units	
Select 30 units from one of the track areas (see reverse side): Business Culinology Pre-Professional Science and Technology	30	
Total Units	30	

Food Science and Technology

Career Tracks

Select one of the four FST Career Tracks listed in the boxes below, in consultation with your advisor.

Culinology

Business Track

FST 318/318L Sensory Evaluation of Foods - (2/2) FST 421/421L Food Product Development - (2/2)

Select **22** units from 300 or 400 level ABM/FST/TOM or other business courses approved by your academic advisor.

<u>Pre-Professional</u> Track

CHM 315/318L Organic Chemistry - (3/1) CHM 316/319L Organic Chemistry - (3/1) BIO 122/122L Foundations of Biology: Reproduction & Dev. - (3/2) BIO 123/123L Foundations of Biology: Biodiversity - (3/2) PHY 122/122L College Physics - (3/1) PHY 123/123L College Physics - (3/1)

Select 4 units from AVS/BIO/ZOO courses approved by your academic advisor.

Medical, Veterinary, Pharmacy and Dental School Admission Requirements

This curriculum meets the requirements of many, but not all, schools. The requirements of individual schools may vary and should be determined by the student in consultation with the department advisor within two years of beginning the application process.

TrackFST 318/318L Sensory Evaluation of Foods - (2/2)FST 421/421L Food Product Development - (2/2)HRT 225Sanitation Practices in the Hospitality Industry - (1)HRT 281/281L Professional Cooking I - (2/2)HRT 324/324L World Cuisine - (2/2)HRT 325/325L Professional Healthy Cooking - (2/2)HRT 381/381L Professional Cooking II - (2/2)

Select 5 units from the following:FN 121/121L Introduction to Foods - (2/2)FN 328/328L Culture and Meal Patterns - (2/2)FST 442Internship in FST - (2-4)HRT 255Healthy American Cuisine - (4)HRT 485Culinary Product Development & Evaluation - (4)PLT 222Culinary Produce Technology - (4)

Science and Technology Track

FST 318/318L Sensory Evaluation of Foods - (2/2) FST 421/421L Food Product Development - (2/2)

Select **22** units from 300 or 400 level AVS/BIO/CHM/FN/FST/MAT/MIC/PHY/PLT or STA courses approved by your academic advisor.

Student Name (Print):	
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Student Signature: _____

Date: _____

Advisor Name (Print): _	

Advisor Signature: _____

Date: _____