

**SUSTAINABLE AGRICULTURE AND FOOD SYSTEMS - NUTRITION & FOOD OPTION** EFFECTIVE FALL 2019

Student: \_\_\_\_\_ ID No.: \_\_\_\_\_ Advisor: \_\_\_\_\_

**I. GENERAL EDUCATION (min 40 cr)**

	Course No.	Grade	Cr.
<b>Knowledge</b>			
A1. STEM	BIO 101/103		
A2. Social and Behavioral Sciences	AFS/AVS/PLS132G		
A3. Humanities			
A4. Arts and Design			
<b>Competencies</b>			
B1. Write effectively			
B2. Communicate effectively			
B3. Math, stats, computation	NFS210		
B4. Information literacy	COM/SUS108G		
<b>Responsibilities</b>			
C1. Civic knowledge & responsibility	HSS/PSY130G		
C2. Global responsibilities			
C3. Diversity and inclusion			
<b>Integrate &amp; Apply</b>			
D1. Ability to Synthesize (e.g. SAF400G, PLS324, AVS/NFS404)			
<b>Grand Challenge</b>			
G. Grand Challenge Course	HSS/PSY130G		
Additional General Education	BIO 102/104		
Additional General Education	CHM		
Additional General Education			
Additional General Education			

**III. PROFESSIONAL CONCENTRATION (min 21 cr total)**

Course Description:	Course No.	Grade	Cr.	Off:
<b>Nutrition &amp; Food Concentration</b>				
Public Health Nutrition (A2,C3)	NFS 212G (3)			all
Food Safety & Microbiology	NFS/CMB245 (3)			Alt F(e)
Scientific Principles of Food I	NFS 336 (4)			F
Scientific Principles of Food II	NFS 337 (4)			S
Food Service Management I	NFS 375 (3)			F
Food Service Management II	NFS 376 (4)			S

**IV. Interdisciplinary component (min 12 cr.)**

	Grade	Cr.
<b>Choose 2 courses from Food &amp; Society Option **</b>		
<b>Choose 2 courses from Sustainable Agriculture Option ***</b>		

**V. CAPSTONE (min 12 cr total, min 3 cr internship)**

	Grade	Cr.
Global Issues Sust Develop	NRS300 (3)	All
Reimagining Food Syst. Agroecol	SAF400G (3,D1)	F
Food Syst, Sust & Health (D1B4)	AVS/NFS/SAF404 (3)	F
(Sust) Landscape Design	PLS320 (3)	S
Agroecology & Global Food Sys.	PLS385 (3)	
Internship or Special Project****		

**II. PRE-PROFESSIONAL & BASIC SCIENCES (31 cr required)**

	Grade	Cr.
<b>A. Biology (8 cr)</b>		
Principles of Biology I* (3,1; F,S)	BIO 101/103	
Principles of Biology II (3,1; F,S)	BIO 102/104	
<b>B. Chemistry (4 cr)</b>		
CHM 101/102 or 103/105 (3,1; F,S)	CHM	
Organic Chemistry CHM 124/126		
<b>C. Intro to SAFS (19 cr)</b>		
Sustainable Ag, Food Syst & Soc (3; F,S)	AFS/AVS/PLS132G	
Intro to Resource Econ (3; F,S)	EEC105	
One Course in Communication and Sustainability (e.g. COM/SUS108G,315, or 460)		
The Problem of Hunger in the US (3,S)	HSS/PSY130G	
Applied General Nutrition (4;F,S)	NFS210	
Sustainable Ag & Food Cultures (3, S)	APG/GWS/SOC308	

**VI. SUPPORTING# (min 18) AND OTHER ELECTIVES**

	Grade	Cr.
Planning for Academic Success	URI101 (1)	F

**\* Additional Concentration:** choose additional nutrition courses from NFS; **\*\* Food & Society:** e.g. MAF100, APG/MAF413, APG203, APG/SOC329, APG/SOC415, EEC205, EEC310, EEC350, EEC355, GWS490; **\*\*\*Sustainable Agriculture:** e.g. AFS105G, AFS201, AFS202, AFS215, AVS101, AVS/PLS275, NRS212, PLS150, PLS255, PLS311, PLS324. **\*\*\*\* Options for Internship:** AFS 391/392, AVS/PLS399, AFS/AVS/PLS491/492, NFS 451, NFS 491, SOC 497. **#Supporting Electives:** Any course from AFS, APG, AVS, EEC, ENT, MAF, NRS.

**Approved for Graduation:**

Advisor: \_\_\_\_\_ Date: \_\_\_\_\_

**Course Credits Required:** 120  
**Course Credits Completed:** \_\_\_\_\_

**B.S. Sustainable Agriculture & Food Systems - Nutrition & Food Option**  
**Effective Fall 2019**

**Interdisciplinary Component from the Food and Society Option**

MAF 100 Human Use and Mgt of the Marine Environemnt  
APG/MAF 413 Peoples of the Sea  
APG 203 Cultural Anthropology  
APG/SOC 329 Contemporary Mexican Society  
APG/SOC 415 Migration in the Americas  
EEC 205 Environmental Economics and Policy  
EEC 310 Economics of Natural Resource Management and Policy  
EEC 350 Sustainable Energy Economics and Policy  
EEC 355 The Economics of Climate Change  
GWS 490 Gender, Agriculture & Sustainability

**Interdisciplinary Component from the Sustainable Agriculture Option**

\*AFS 105G Food from the Sea  
AFS 201 Shellfish Aquaculture  
AFS 202 Finfish Aquaculture  
AFS 321 World Fishing Methods  
\*AVS 101 Introduction to Animal Science  
AVS/PLS 275 Pasture & Grazing Management in Sustainable Agriculture  
NRS 212 Introduction to Soil Science  
\*PLS 150 Plants, People, and the Planet  
PLS 255 Horticulure Plant Science

**B.S. Sustainable Agriculture & Food Systems - Nutrition & Food Option - Effective Fall 2019**

**Freshman Year *Fall* Semester**

Course Code	Description	Cr	
URI 101	Planning for Academic Success	1	
BIO 101,103	Principles of Biology I	4	
AFS 105G, AVS101, or PLS150	*General Education - Agriculture Related	3-4	
EEC 105	Introduction to Resource Economics	3	
	*General Education	3	
		<b>14-15</b>	

**Freshman Year *Spring* Semester**

Course Code	Description	Cr	
AFS/AVS/PLS132G	Sustainable Ag, Food Systems, & Society	3	
BIO 102,104	Principles of Biology II	4	
NFS 210	Applied General Nutrition	4	
MTH103, MTH 111 or MTH 131	Applied Precalculus, Precalculus, or Applied Calculus	3	
	*General Education	3-4	
		<b>17-18</b>	

**Year 1 Milestones:** Earn 30 credits and a gpa of 2.0 or higher. Meet with your Advisor for SAFS option discussion.

**Sophomore Year *Fall* Semester**

Course Code	Description	Cr	
CHM101,102 or CHM 103,105	Chemistry 101 or Introductory Chemistry	4	
	Nutrition & Food Concentration	3-4	
	Interdisciplinary Component	3-4	
	Supporting or Free Elective	3-4	
	Supporting or Free Elective	3	
		<b>16-19</b>	

**Sophomore Year *Spring* Semester**

Course Code	Description	Cr	
SOC/APG/GWS 308	Sustainable Agriculture and Food Cultures	3	
	Nutrition & Food Concentration	3-4	
	Interdisciplinary Component	3-4	
	Supporting or Free Elective	3-4	
	Supporting or Free Elective	3-4	
		<b>15-19</b>	

**Year 2 Milestones:** Earn 60 credits and a gpa of 2.0 or higher. Meet with your Advisor to discuss major, internships and research opportunities.

**Junior Year *Fall* Semester**

Course Code	Description	Cr	
	Nutrition & Food Concentration	3-4	
	Interdisciplinary Component	3-4	
NRS 300	Introduction to Global Issues in Sustainable Development	3	
	Internship or Experiential Learning	3-4	
	*General Education	3-4	
		<b>15-19</b>	

**Junior Year *Spring* Semester**

Course Code	Description	Cr	
	Nutrition & Food Concentration	3-4	
	Interdisciplinary Component	3-4	
HSS, PSY 130G	The Problem of Hunger in the US	3	
	Supporting/Free Elective/Special Projects or Internship	3-4	
	*General Education	3-4	
		<b>15-19</b>	

**Year 3 Milestones :** Earn 90 credits and a gpa of 2.0 or higher. Meet with your Advisor to prepare intent to graduate application for fall submission.

**Senior Year *Fall* Semester**

Course Code	Description	Cr	
AVS/NFS/SAF 404	Food Systems, Sustainability and Health	3	
SAF400G	Reimagining Food Syst through Agroecology	3-4	
	Supporting/Free Elective/Special Projects or Internship	3-4	
	Supporting or Free Elective	3-4	
	Nutrition & Food Concentration	3	
		<b>15-18</b>	

**Senior Year *Spring* Semester**

Course Code	Description	Cr	
PLS 320	Landscape Design or other capstone	4	
	Nutrition & Food Concentration	3-4	
	Supporting/Free Elective/Special Projects or Internship	3-4	
	Supporting or Free Elective	3-4	
	Supporting or Free Elective	3	
		<b>16-19</b>	

**Year 4 Milestones:** Earn 120 credits and a GPA of 2.0 or higher in CUM and CON. Complete all remaining required courses.

**Total Credits to Graduate = 120**