

SUSTAINABLE AGRICULTURE AND FOOD SYSTEMS - NUTRITION & FOOD OPTION EFFECTIVE FALL 2022

Student:

ID No.:

Advisor:

I. GENERAL EDUCATION (min 40 cr)

Knowledge

- A1. STEM
A2. Social and Behavioral Sciences
A3. Humanities
A4. Arts and Design

Course No.	Grade	Cr.

Competencies

- B1. Write effectively
B2. Communicate effectively
B3. Math, stats, computation
B4. Information literacy

Responsibilities

- C1. Civic knowledge & responsibility
C2. Global responsibilities
C3. Diversity and inclusion

Integrate & Apply

- D1. Ability to Synthesize
(e.g. SAF400G, PLS324, AVS/NFS/SAFS404)

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Grand Challenge

- G. Grand Challenge Course

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- Additional General Education
Additional General Education
Additional General Education
Additional General Education

II. PRE-PROFESSIONAL & BASIC SCIENCES

Grade Cr.

(31 cr required)

A. Biology (8 cr)

- Principles of Biology I* (3,1; F,S) (A1)
Principles of Biology II (3,1; F,S) (A1)

B. Chemistry (4 cr)

- CHM 101/102 or 103/105 (3,1; F,S)
Organic Chemistry CHM 124/126

C. Intro to SAFS (19 cr)

- Sustainable Ag, Food Syst & Soc (3; F,S) (A2)
Intro to Resource Econ (3; F,S) (A2)
One Course in Communication and Sustainability
(e.g. COM/SUS108G,315, or 460)
The Problem of Hunger in the US (3,S) (A2,C1)
Applied General Nutrition (4; F,S) (A1,B3)
Sustainable Ag & Food Cultures (3, S)

EEC105		
NFS210		

Approved for Graduation:

Advisor: _____ Date: _____

III. PROFESSIONAL CONCENTRATION (min 21 cr total)

Course Description:

Course No. Grade Cr. Off:

Nutrition & Food Concentration

- Public Health Nutrition (A2,C3)
Food Safety & Microbiology
Scientific Principles of Food I
Scientific Principles of Food II
Food Service Management I
Food Service Management II

NFS 212G (3)				all
				Alt F(e)
NFS 336 (4)				F
NFS 337 (4)				S
NFS 375 (3)				F
NFS 376 (4)				S

IV. Interdisciplinary component (min 12 cr.)

Grade Cr.

Choose 2 courses from Food & Society Option **

Choose 2 courses from Sustainable Agriculture Option ***

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

Grade Cr.

- Global Issues Sust Develop (A2,C2)
Reimagining Food Syst. Agroecol
Food Syst, Sust & Health (D1,B4)
(Sust) Landscape Design
Agroecology & Global Food Sys.
Internship or Special Project****

NRS300 (3)				All
SAF400G (3,D1)				F
				F
PLS320 (3)				S
PLS385 (3)				

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, AFS/AVS/PLS399, AFS/AVS/PLS491/492, NFS 451, NFS 491, SOC 497. #Supporting electives: Any course from AFS, APG, AVS, EEC, ENT, MAF, NRS.

Course Credits Required: 120

Course Credits Completed: _____

B.S. Sustainable Agriculture & Food Systems - Nutrition & Food Option
Effective Fall 2022

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

Name: _____
Major: _____

Student ID: _____
Subplan: _____

Course Code	Description	Sem.	Cr

Course Code	Description	Sem	Cr

Course Code	Description	Sem.	Cr

Course Code	Description	Sem	Cr

Course Code	Description	Sem	Cr

Course Code	Description	Sem	Cr

Course Code	Description	Sem.	Cr

Course Code	Description	Sem	Cr

Total Credits Earned:			
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Course Code	Description	Sem.	Cr

Course Code	Description	Sem.	Cr

Course Code	Description	Sem.	Cr

Course Code	Description	Sem.	Cr

Course Code	Description	Sem.	Cr

Course Code	Description	Sem.	Cr

Course Code	Description	Sem.	Cr

Course Code	Description	Sem.	Cr

Total Credits Remaining for Graduation:			
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Please Note: A Sample 4 Year Plan for the Major can be found on the next page. The sample is to be used as a reference and guide however your 4 Year Plan is individual to you.

B.S. Sustainable Agriculture & Food Systems - Nutrition & Food Option - Effective Fall 2022

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	
		14-15	

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	
		17-18	

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	
CHM 101,102 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	3-4	
		16-20	

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	
		15-19	

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	
		15-19	

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	
		15-19	

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	
SAF 400G	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	
		15-18	

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	3-4	
		16-20	

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