

**ADVISING FORM FOR SAGE B.S. Packaging and M.S. Nutritional Science with Objective in Packaging**

Name: \_\_\_\_\_ ID#: \_\_\_\_\_ Advisor: \_\_\_\_\_

Street Address: \_\_\_\_\_ Phone: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_ Email: \_\_\_\_\_

**CORE SUPPORT COURSE (25 UNITS)**

Subject Area/Catalog #	Units	Course Title	GE Areas <sup>2</sup>	Semester Offered	Sem/Yr or Grade
Chem 30A	3	Intro to Chemistry	B1 + B3	F,S	_____
Chem 30B	3	Organic Chemistry		S	_____
NUFS 100W	3	Writing Workshop	Z	F,S	_____
Math 70	3	Finite Math	B4	F,S	_____
Math 71	3	Calc for Bus/Aviat	B4	F,S	_____
Phys 2A	4	Fund of Physics	B1 + B3	F,S	_____
Stat 95 or PH 67 or Math 15	3	Statistics	B4	F,S	_____
Psych 1	3	Intro to Psychology	D	F,S	_____

**CORE MAJOR COURSES (13 UNITS)**

NuFS 8 OR NuFS 9	3	Nutrition Health Prof OR Introduction to Human Nutrition	E	F,S	_____
NuFS 31	1	Professionalism NuFS		F,S	_____
NuFS 151	2	Food Microbiology		F,S	_____
NuFS 192	4	Field Experience		F,S	_____
Pkg 107	3	Principles of Pkg		F,S	_____

**MAJOR COURSES (39 UNITS)**

NuFS 103	2	Food Process & Pkg I		F,S	_____
NuFS 103L	1	Food Proc & Pkg lab		F,S	_____
NuFS 139	3	Hunger & Environ Nutrition	R	F,S	_____
PKG 120	3	Artios CAD for Packaging		F	_____
PKG 121*	3	Solidworks for Packaging		S	_____
PKG 141A	3	Packaging Materials I		F	_____
PKG 141B	3	Packaging Materials II		S	_____
PKG 146	3	Medical Device Pkg		F	_____
PKG 156	3	Packaging Machinery		S	_____
PKG 158*	3	Protective Pkg Dsgn & Test		S	_____
PKG 159	3	Pkg Materials Hand & Distrib		F	_____
PKG 160*	3	Hazardous Materials Pkg		F	_____
PKG 169	3	Food Pack & Preservation		S	_____
PKG 170	3	Pkg Development & Mgmt		S	_____

**UNIVERSITY ELECTIVES (SELECT 8 UNITS)**

Or by Advisement \_\_\_\_\_

Notes:

<sup>2</sup>Courses fulfill requirements for General Education (GE) Areas as specified

<sup>3</sup>NuFS 9 meets General Education Area E requirements

<sup>4</sup>NuFS 139 requires co-requisite of NUFS 100W; meets SJSU Studies Area R.

\*Grade of B or better in PKG 121, PKG 158, PKG 160 will double count as graduate level courses for the SAGE Program

**SAGE B.S. Packaging and M.S. Nutritional Science**

<b>SAGE Program B.S. Packaging and M.S. Nutritional Science with Objective in Packaging</b>	<b>Units</b>
Core	<b>12</b>
NuFS 201 Colloquium in Nutrition, Food Science, and Packaging	3
NUFS 217 Issues in Nutrition, Food Science and Packaging	3
NuFS 257 Biostatistics in Research	3
NuFS 295 Research Methodology	3
<b>Required Electives</b>	<b>6</b>
Choose Two Electives Course:	
PKG 268- Advanced Laboratory Testing and Analysis	3
PKG 270 - Package Design for End Use	3
DATA 230 - Data Visualization	3
<b>Undergraduate Courses Double Count</b>	<b>9</b>
PKG 121 Solidworks for Packaging	3
PKG 158 Protective Pkg Design & Test	3
PKG 160 Hazardous Materials Packaging	3
<b>Project</b>	<b>3</b>
NuFS 298 MS Project	3
<b>Total</b>	<b>30</b>

## ADVISING FORM FOR SAGE B.S. PACKAGING and M.S. IN NUTRITIONAL SCIENCE (with OBJECTIVE IN PACKAGING)

The following road map is an advising tool that outlines a path of courses a student can take to complete requirements for graduation. This roadmap should be used in consultation with the catalog and your department to identify additional requirements for completing the major (for example course grade minimums).

Students must have 60+ units in order to take SJSU Studies courses.

### Fall Semester – Year 1

<u>Course or Requirement</u>	<u>Units</u>
Eng 1A First Year Writing – A2	3
Math 70 Finite Math (Area B4)	3
Chem 30A Intro to Chem (Area B1+B3)	3
NuFS 31 Profession in NuFS/Pkg	1
Stat 95 or HS 67 Statistic or Math 15 (Area B4)	3
Physical Education	1
	14

### Spring Semester Year 1

<u>Course or Requirement</u>	<u>Units</u>
Math 71 Calculus for Bus/Aviation	3
Chem 30B Intro Chem	3
General Education (Area C1)	3
Physics 2A (B1+B3)	4
NUFS 9 Intro to Human Nutr (E)*	3
	16

### Fall Semester – Year 2

<u>Course or Requirement</u>	<u>Units</u>
General Education (Area C2)	3
General Education (Area C1 or C2)	3
General Education (F)	3
General Education (Area D, US 1-3)	3
Comm 20 Public Speaking (Area A1)	3
*** (Register to take WST) ***	
	15

### Spring Semester Year 2

<u>Course or Requirement</u>	<u>Units</u>
Psych 1 (Area D)	3
University Electives	6
General Education (Area A3)	3
General Education (Area D, US1-3)	3
Physical Education	1
	16

### Fall Semester – Year 3

<u>Course or Requirement</u>	<u>Units</u>
Pkg 107 Packaging	3
Pkg 120 Artios CAD for Packaging	3
Pkg 141A Packaging Materials I	3
NuFS 103 Food Processing & Pkg I	2
NuFS 103 Food Processing & Pkg Lab	1
PH/NUFS 100W Written Comm II	3
	15

### Spring Semester Year 3 (Semester Students apply to SAGE)

<u>Course or Requirement</u>	<u>Units</u>
Pkg 156 Pkg Machinery Systems	3
General Education (Area V)	3
Pkg 121 Solidworks for Packaging**	3
Pkg 141B Packaging Materials II	3
NuFS 139 Hunger & Env. Nutr. <sup>2</sup> (Area R)	3
	15

### Fall Semester – Year 4

<u>Course or Requirement</u>	<u>Units</u>
NuFS Food Microbiology	2
Pkg 146 Medical Device Pkg	3
Pkg 158 Protective Pkg & Dsgn**	3
Pkg 160 Hazardous Materials Packaging**	3
General Education (Area S)	3
University Elective      NuFS 295 Research Methodology	16
	16

### Spring Semester Year 4

<u>Course or Requirement</u>	<u>Units</u>
Pkg 159 Pkg Materials Hand & Distrib	3
Pkg 169 Food Pkg & Preservation <sup>1</sup>	3
Pkg 170 Packaging Design Management	3
NuFS 192 Field Experience	4
NuFS 295 Research Methodology	3
	16

### Fall Semester – Year 5

<u>Course or Requirement</u>	<u>Units</u>
NuFS 217 Issues in Nutr, FS & Pkg	3
NuFS 201 Colloquium in NuFS & Pkg	3
MS Electives	3
	9

### Spring Semester Year 5

<u>Course or Requirement</u>	<u>Units</u>
NuFS 257 Biostatistics	3
NuFS 298 Project	3
MS Electives	3
	9

#### Notes:

\*NuFS 9 meets General Education Area E requirements and NuFS 139 co-requisite of NUFS 100W; meets SJSU Studies Area R.

\*\*A grade of B or better is required in the three courses PKG 121 Solidworks for Packaging, PKG 158 Protective Pkg Design & Test and PKG 160 Hazardous Materials Packaging to be double counted for the SAGE program. Students who receive a passing grade (e.g., C- or higher) in PKG 121, PKG 158, and PKG 160, but don't earn a B minimum to satisfy the graduate coursework requirement will be required to take graduate electives.