

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 (26 UNITS)

| Subject Area/Catalog # | Units | Course Title | GE Areas ² | Semester Offered | Sem/Yr or Grade |
|-----------------------------|-------|---------------------|-----------------------|------------------|-----------------|
| Chem 30A | 4 | Intro to Chemistry | 5A + 5C | F,S | _____ |
| Chem 30B | 3 | Organic Chemistry | | S | _____ |
| NUFS 100W | 3 | Writing Workshop | WID | F,S | _____ |
| Math 70 | 3 | Finite Math | 2 | F,S | _____ |
| Math 71 | 3 | Calc for Bus/Aviat | 2 | F,S | _____ |
| Phys 2A | 4 | Fund of Physics | 5A + 5C | F,S | _____ |
| Stat 95 or PH 67 or Math 15 | 3 | Statistics | 2 | F,S | _____ |
| Psych 1 | 3 | Intro to Psychology | | F,S | _____ |

CORE MAJOR COURSES (13 UNITS)

| | | | | | |
|----------|---|-----------------------|--|-----|-------|
| NuFS 8 | 3 | Nutrition Health Prof | | 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 Nutri | GE UD 2/5 | 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 10 UNITS)

Or by Advisement _____

Notes:¹Courses fulfill requirements for General Education (GE) Areas as specified²NuFS 139 requires co-requisite of NUFS 100W; meets GE UD 2/5.

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

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 (1A) | 3 |
| Math 70 Finite Math (2) | 3 |
| Chem 30A Intro to Chem (Area 5A+5C) | 4 |
| NuFS 31 Profession in NuFS/Pkg | 1 |
| Stat 95 or PH 67 Statistic or Math 15 (2) | 3 |
| Physical Education | 1 |
| | <hr/> 15 |

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 (4 +US 1 or US 2-3) | 3 |
| NUFS 8 Nutrition Health Prof | 3 |
| Psyc 1 Intro to Psych (4) | 3 |
| | <hr/> 15 |

Fall Semester – Year 2

| <u>Course or Requirement</u> | <u>Units</u> |
|--|--------------|
| NuFS 40 Debunk Nutr Misinf (1B) | 3 |
| General Education (3A) | 3 |
| General Education (3B + US 1 or US 2-3) | 3 |
| Physics 2A (5A+5C) | 4 |
| Comm 20 Public Speaking (Area 1C) | 3 |
| *** (Complete Directed Self Placement) *** | |
| | <hr/> 16 |

Spring Semester Year 2

| <u>Course or Requirement</u> | <u>Units</u> |
|------------------------------|--------------|
| University Electives | 9 |
| General Education (5B) | 3 |
| General Education (6) | 3 |
| Physical Education | 1 |
| | <hr/> 16 |

Fall Semester – Year 3

| <u>Course or Requirement</u> | <u>Units</u> |
|------------------------------------|--------------|
| Pkg 107 Packaging ¹ | 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 |
| NUFS 100W Written Comm II (WID) | 3 |
| | <hr/> 15 |

Spring Semester Year 3 (Semester Students apply to SAGE)

| <u>Course or Requirement</u> | <u>Units</u> |
|---|--------------|
| NuFS 151 Food Microbiology | 2 |
| GE UD 3 (Recommend NuFS 144) | 3 |
| Pkg 121 Solidworks for Packaging | 3 |
| Pkg 141B Packaging Materials II | 3 |
| NuFS 139 Hunger & Env. Nutr (GE UD 2/5) | 3 |
| | <hr/> 14 |

Fall Semester – Year 4

| <u>Course or Requirement</u> | <u>Units</u> |
|---------------------------------------|--------------|
| Pkg 146 Medical Device Pkg I | 3 |
| Pkg 158 Protective Pkg & Dsgn | 3 |
| Pkg 160 Hazardous Materials Packaging | 3 |
| GE UD 4 (Recommend NuFS 134) | 3 |
| Pkg 156 Pkg Machinery Systems | 3 |
| Pkg 201 Colloquium in NuFS & PKG | 3 |
| | <hr/> 18 |

Spring Semester Year 4

| <u>Course or Requirement</u> | <u>Units</u> |
|--|--------------|
| Pkg 159 Pkg Materials Hand & Distribl | 3 |
| Pkg 169 Food Pkg & Preservation ¹ | 3 |
| Pkg 170 Packaging Design Management | 3 |
| NuFS 192 Field Experience | 4 |
| University Elective -Lower or Upper Division | 1 |
| Pkg 295 Research Methodology | 3 |
| | <hr/> 17 |

Course or RequirementFall

| <u>Course or Requirement</u> | <u>Units</u> |
|----------------------------------|--------------|
| Pkg 217 Issues in Nutr, FS & Pkg | 3 |
| MS Electives | 6 |
| | <hr/> 9 |

Course or Requirement

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

Notes:

NuFS 139 co-requisite of NUFS 100W; meets GE UD 2/5.

**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*;

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

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