

## Spartan Accelerated Graduate Education (SAGE) Program Roadmap<sup>1</sup>

**Combined Program: 141**

**Total Units to Degree: 150**

141 minimum units<sup>2</sup>

**Academic Year: 2023-2024**

2023-2024

BA Requirements – Blue	Graduate Courses taken @ UGRD level - Green	Masters only Requirements – Orange	
<b>Fall Semester Year 1</b>		<b>Spring Semester Year 1</b>	
Course	Units	Course	Units
Math 70 Finite Math (B4)	3	Math 71 Calculus for Bus/Aviation	3
Chem 30A Intro to Chem (B1+B3)	3	Chem 30B Intro Chem	3
NuFS 31 Profession in NuFS/Pkg	1	Physics 2A (B1+B3)	4
Eng 1A First Year Writing – A2	3	General Education (C1)	3
Stat 95 or HS 67 Stat or Math 15 (B4)	3	NUFS 9 Intro to Human Nutr (E)	3
Physical Education	1		
<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>16</b>
<b>Fall Semester Year 2 [Take the WST*]</b>		<b>Spring Semester Year 2</b>	
Course	Units	Course	Units
General Education (D2, US 1-3)	3	General Education (A3)	3
Comm 20 Public Speaking (A1)	3	General Education (D3, US1-3)	3
NuFS 8 Nutrition OR NuFS 9 Nutrition	3	University Elective	6
General Education (C2)	3	Psyc 001 Psychology (D1)	3
General Education (C1 or C2)	3	Physical Education	1
***[Register to take WST]***			
<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>16</b>
<b>Fall Semester Year 3</b>		<b>Spring Semester Year 3</b>	
		Four-year or transfer student applies to BS/BA + MS/MA program.	
Course	Units	Course	Units
Pkg 107 Packaging <sup>1</sup>	3	Pkg 156 Pkg Machinery Systems <sup>1</sup>	3
NUFS 100W Written Comm II	3	GE: SJSU Studies (V)	3
NuFS 103 Food Processing & Pkg I	2	NuFS 139 Hunger & Env. Nutr. <sup>2</sup> (R)	3
NuFS 103L Food Process & Pkg Lab	1	Pkg 121 Solidworks for Pkg*	3
Pkg 141A Packaging Mat'ls I	3	Pkg 141B Packaging Mat'ls II	3
Pkg 120 Artios CAD for Pkg	3		
<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>15</b>
<b>Fall Semester Year 4</b>		<b>Spring Semester Year 4</b>	
Student admitted to BS/BA + MS/MA program.			
Course	Units	Course	Units
NUFS 151 Food Microbiology	2	Pkg 159 Pkg Materials Hand & Distrib <sup>1</sup>	3
Pkg 146 Medical Device Pkg <sup>1</sup>	3	Pkg 169 Food Pkg & Preservation <sup>1</sup>	3
Pkg 158 Protective Pkg & Dsgn*	3	Pkg 170 Pkg Dsgn Mgt <sup>1</sup>	3
Pkg 160 Hazardous Materials Pkg*	3	NuFS 192 Field Experience	4
University Elective	2	University Elective	2
GE: SJSU Studies (S)	3	NuFS 295 Research Methods	3
NuFS 201 Colloquium in NUFS&PKG	3		
<b>Total Units</b>	<b>17</b>	<b>Total Units</b>	<b>18</b>
<b>Fall Semester Year 5</b>		<b>Spring Semester Year 5</b>	
BS/BA degree posted.			
Course	Units	Course	Units
NuFS 298 Project	2	NuFS 257 Biostatistics	3
NuFS 217 Issues in Nutr, FS & Pkg	3	NuFS 298 Project	1
MS Electives (PKG 268, PKG 270, or DATA 230)	3	MS Electives (PKG 268, PKG 270, or DATA 230)	3
<b>Total Units</b>	<b>8</b>	<b>Total Units</b>	<b>7</b>

\*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.

<sup>1</sup> Reference CSU Coded Memorandum [AA-2012-01](#), University Policy [F19-1](#), [DRAFT SAGE Scholars Application](#) (to be developed as an online application). The roadmap must include at least one semester in which students enroll in a combination of undergraduate and graduate courses.

<sup>2</sup> The CSU is considering a proposal to allow 9-12 units of double counting between the baccalaureate and master's degree.