

Spartan Accelerated Graduate Education (SAGE) Program Roadmap¹

Combined Program: Nutritional Science with Applied Nutrition and Food Sciences

Total Units to Degree: 141 150 minimum units²

Academic Year: 2024-2025

BA Requirements – Blue		Graduate Courses taken @ UGRD level - Green		Masters only Requirements – Orange	
Fall Semester Year 1			Spring Semester Year 1		
Course	Units	Course	Units	Course	Units
Chem 1A General Chem – B1/B3	5	NuFS 8 Nutr. For Hlth Profession	3	Chem 30B Intro Chem	3
Eng 1A First Year Writing – A2	3	Chem 30B Intro Chem	3	General Education (Area C1)	3
Oral Comm – A1	3	General Education (Area C1)	3	Critical Thinking & Writing (A3)	3
NuFS 10 Basic Life Skills (Area E)	3	Critical Thinking & Writing (A3)	3	Physical Education	1
NuFS 31 Profession in NuFS/Pkg	1	Physical Education	1	Stat 95 or HS 67 Statistic (B4)	3
		Stat 95 or HS 67 Statistic (B4)	3		
Total Units	15	Total Units	16		
Fall Semester Year 2 [Take the WST*]			Spring Semester Year 2		
Course	Units	Course	Units	Course	Units
Concentration Course	3	NuFS 20 Sanitation & Envir Issues	2		
General Education (F)	3	Biol 66 Physiology (B2/B3)	5		
General Education (C1 or C2)	3	Concentration Course	3		
General Education (D2, US1-3)	3	General Education (D3, US1-3)	3		
General Education (C1)	3				
Physical Education	1				
Total Units	16	Total Units	13		
Fall Semester Year 3			Spring Semester Year 3		
			Four-year or transfer student applies to BS + MS program.		
Course	Units	Course	Units	Course	Units
NuFS 101A Food Science	4	NuFS 106B Research Methodology	3		
NuFS 106A Human Nutr Life Span	3	NuFS 134 Comp Alt Health (S)	3		
Pkg 107 Principles of Pkg	3	NuFS 111 Foodserv Prod Mgmt	3		
NUFS 100W Writing Workshop (WID)	3	Concentration Courses	6		
NuFS 103 Food Processing & Pkg I	2	NUFS 151 Food Microbiology	2		
Total Units	15	Total Units	17		
Fall Semester Year 4			Spring Semester Year 4		
Student admitted to BS + MS program.					
Course	Units	Course	Units	Course	Units
GE: SJSU Studies (R or V)	3	Concentration Courses	9		
Concentration Courses	11	NuFS 144 Food & Culture (V) or	3		
		NuFS 139 Hunger & Env Nutr ² (R)			
NuFS 201 Colloquium in NUFS&PKG	3	NuFS 295 Research Methodology	3		
		NuFS 192 Field Experience	2		
Total Units	17	Total Units	17		
Fall Semester Year 5			Spring Semester Year 5		
BS degree posted.					
Course	Units	Course	Units	Course	Units
NuFS 217 Issues in Nutr, FS & Pkg	3	NuFS 257 Biostatistics	3		
NuFS 298 MS Project	2	MS Electives	3		
MS Electives	3	NuFS 298 MS Project	1		
Total Units	8	Total Units	7		

¹ 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.

² The CSU is considering a proposal to allow 9-12 units of double counting between the baccalaureate and master's degree. Expecting an approved policy to allow for this by March 2021. Please provide 150-unit minimum roadmap, indicating which courses you might consider for double counting.