

CTE PROGRAM OF STUDY: Associate of Science for Transfer, Nutrition and Dietetics

**Industry Sector: Hospitality, Tourism and Recreation
Career Pathway: Food Science, Dietetics, and Nutrition**



Levels	Grade	CTE Courses	English Language Arts	Math	Social Science	Science	Other Required Courses or Recommended Electives		Dual and/or Concurrent Enrollment	Articulated Courses (College Credit for HS Classes)
S e c o n d a r y	9	Life Management aka Comprehensive Core CBEDS 4311	English	Math		Physical Science	Physical Education	Computer Applications (recommended)		
	Recommended activities: Join FHA-HERO: The California Affiliate of FCCLA; summer culinary programs; participate in career fairs; job shadow or interview a professional in this career pathway; visit post secondary institutions and local industry; visit www.eatright.org , www.dietitian.org ; develop a career and academic portfolio; explore interest, aptitude and ability in this career field; participate in leadership, competitive and community service opportunities; CPR/First Aid Training.									
	10	Food and Nutrition CBEDS 4361	English	Math	World History	Biological Science	Physical Education	Foreign Language I		
	Recommended activities: Join FHA-HERO: The California Affiliate of FCCLA, participate in career fairs, job shadow or interview a professional in this career pathway, visit post secondary institutions and local industry, visit www.eatright.org , www.dietitian.org , take the PSAT, Food Handler Card, Assist with summer culinary programs, part-time job in the field, cross-age mentoring, participate a food and nutrition fair, get involved in marketing activities in nutrition. Apply to the community college - for articulated credit and/or dual or concurrent enrollment, participate in leadership, competitive and community service opportunities.									
	11	Nutritional Science CBEDS 4362 OR Food Science Dietetics and Nutrition CBEDS 4471	English	Math (recommended)	US History	Chemistry (recommended)	Psychology or Human Development (recommended)	Foreign Language II	PSY 110	NUTR 110
Recommended activities: Join FHA-HERO: The California Affiliate of FCCLA; assist with summer culinary programs; participate in career fairs; volunteer in the community; job shadow or interview a professional in this career pathway; visit post-secondary institutions and local industry; work-based learning activities; research mentors through cacareerzone.org , dietitian.org ; take the SAT or ACT; participate in leadership; participate in leadership, competitive and community service opportunities; secure a part-time job in this industry.										
12	Food Service and Hospitality Service CBEDS 4420 <i>potential to articulate with NUTR 120</i>	English (recommended)	Math (recommended)	Government (semester) Economics (semester)	Anatomy and Physiology (recommended)	Visual and Performing Art (CTE may satisfy graduation reqt.)		NUTR 110 or NUTR120	NUTR 120	
Recommended activities: Join FHA-HERO: The California Affiliate of FCCLA; assist with summer culinary programs; participate in career fairs; volunteer in the community; job shadow or interview a professional in this career pathway; visit post-secondary institutions and local industry; work-based learning activities; research mentors through cacareerzone.org , dietitian.org ; take the SAT or ACT; participate in leadership; participate in leadership, competitive and community service opportunities; secure a part-time job in this industry; complete the FAFSA application; apply for scholarships; apply to college of interest.										

This template assumes students have completed high school exit exams and basic skills coursework. Local graduation requirements may vary.

- Legend:**
- ① Course is recommended by industry experts
 - # Course is articulated, see comments below.
 - ★ Course may be taken via concurrent or dual enrollment
 - ② Indicates a course that may satisfy multiple requirements

P O S T S E C O N D A R Y	AS-T Courses			Additional and Optional CTE Courses			General Education Requirements			Occupations Relating to this Pathway	
	NUTR 110: Nutrition (3 units) PSY 110: Introductory Psychology (3 units)	...For completion of Local AS/AA Degree (total Units)	...For completion of Achievement Certificate (total units)	...For completion of Skills Certificate (total Units)	Area A English Language Communication & Critical Thinking (9 units)	Area B- Scientific Study & Quantitative Reasoning with 1 lab (9 units)	Area C Arts & Humanities (9 units)	Careers requiring a high school diploma or equivalent	Careers requiring a BA / BS degree		
13	CHEM 110: General Chemistry for Science Majors I, with Lab (5 units)			English composition	Mathematics	Arts	Entry Level Food Service Worker Dietary Aide Clerical Support for Health Agencies Personal Care Assistant Entry Level Hospitality Worker Food Laboratory Assistant Test Food Kitchen Assembler Retail Sales	School Food Service Dietary Manager Food Research and Development Culinary Nutritionist Health Food Inspector Nutrition Program Manager Nutrition Educator Food Science Technologist Food Journalist or Technical Writer Pharmaceutical Representative Quality Control Inspector Degreed Health Coach Degreed Nutritionist In-Flight Food Service Operations Manager Researcher			
	Select two courses from: CHEM 120S: General Chemistry for Science Majors Sequence A (4 units) CHEM150: Organic Chemistry for Science Majors I, With Lab (4 units)			Oral Communication	Physical Science	Humanities	Careers requiring some post secondary	Food Supplement Representative WIC Nutrition Assistant Dietary Manager/Services Supervisor (plus supervised practice) Health Coach Personal Fitness Trainer Entry Level Institutional Food Service Event Planner Community Nutrition Advocate			
	BIOL 120B: Human Physiology with Lab (4 units) BIOL 110B: Human Anatomy with Lab (4 units) BIOL115S: Human Anatomy and Physiology with Lab (8 units) MATH 110: Intro to Statistics (3 units)			Critical Thinking	Life Sciences	Arts or Humanities					
	Select one course from: NUTR 120: Principles of Food with lab (3 units) Any other course articulated as major preparation for the nutrition/dietetics major at CSU/UC			US History	Area D Social Sciences (9units)	Area E Lifelong Learning & Self Development (3 units)	When course requirements are counted for credit in more than one area, i.e. double counted, students must complete additional transferrable units to result in a cumulative total of 60 units.	Careers requiring a BA/BS + (beyond the scope of this template)			
14				Political Science (American Government)	Any course in this area to meet requirements (recommended Psychology, Personal Finance, ethics, report writing or any course with a global theme.)			Public Health Nutritionist Registered Dietitian Nutritionist College Faculty High School Instructor Research Project Manager Epidemiologist Health Medical Professional Government Nutrition Program Director			
				Microeconomics or Macroeconomics							
15	Suggested Majors: Nutrition, Dietetics						Careers requiring 2 year degree				
16	Industry recognized certifications, Credentials, licenses, or apprenticeships related to this pathway			HIPPA Training, ServSafe Managers Card, California Food Handlers Card, Dietetic Services Supervisor/Certified Dietary Manager (with college courses), Dietetic Technician-Registered (with AS Degree), Registered Dietitian Nutritionist (with BS degree)				For students interested in attending a UC Campus, be aware that requirements meeting the CSU GE pattern <i>may vary</i> from IGETC GE requirements. Students are encouraged to consult college counselor for clarification.			
	Comments: • Prerequisite requirements may vary by school and may alter the sequence of courses above. • This template is based upon requirements for CSU transfer pattern and assumes that all basic skills (remedial) coursework is completed. • Where there are course numbers identified, the course number references the CID course. Course content for these courses may be found at www.c-id.net/descriptors . Per Title 5, students may only receive credit for articulated high school work upon completion of a credit by exam mechanism that ensures that the objectives of the community college course have been met. Completion of an articulated course in high school does not guarantee receipt of credit at the community college.						Dietetic Technician, Registered (plus supervised practice) Increased desirability for occupations requiring some postsecondary and high school diploma				