

Torrance USD Program of Study for HOS Food Science, Dietetics, & Nutrition Pathway 200

Industry Sector: Hospitality, Tourism, & Recreation (HOS) **Pathway:** Food Science, Dietetics, & Nutrition (200)

Torrance Unified School District (TUSD) Program of Study

Site	Grade	English	Math	Social Studies	Science	Other Required Courses or Recommended Electives			Career Technical Education Course	Occupations, Degrees, & Certificate Programs	
T O R R A N C E U N I F I E D	7	English 7	Math 7	Soc. St. 7	Science 7	Elective	PE	--	--	<u>Occupations (High School Diploma)</u>	
	8	English 8	Math 8	Soc. St. 8	Science 8	--	PE	--	Life Management	<ul style="list-style-type: none"> • Cooks (Restaurant, Private, etc) • First Line Supervisor • Bartender • Food Server, Waiter, Waitress • Food Preparation 	
	9	English 1	Algebra 1	--	Biology	World Lang	PE	Health/Teen Living	<u>Option 1</u> 9th: Foods & Nutrition 1 10th: Foods & Nutrition 2	<u>Occupations (Training/2-Yr Degree)</u> <ul style="list-style-type: none"> • Sous Chef, Chef, or Head Cook • Hospitality, Food Service, or Kitchen Manager • Dietetic Service Supervisor • Nutrition Assistant 	
	10	English 2	Geometry	*World History	Chemistry	World Lang	PE	--			
	11	English 3 or AP Comp	Algebra 2	*US History	Anatomy & Physiology	World Lang	--	--	<u>Option 2</u> 11th: Foods & Nutrition 1 12th: Foods & Nutrition 2	<u>Occupations (4-Yr Degree/Higher)</u> <ul style="list-style-type: none"> • Dietician & Nutritionist • Food Scientist & Technologist • Food Marketing 	
	12	*English 4 or AP Lit	Math Elective	Gov/Econ	--	--	--	Fine Art			
	UC CSU	4 Yrs Req	3 Yrs Req 4 Yrs Rec	2 Yrs Req	2 Yrs Req 3 Yrs Rec	2 Yrs Req 3 Yrs Rec	--	1 Yr Fine Arts Req 1 Yr Elective Req	CTE is not req for UC/CSU/TUSD -- These CTE courses meet the Elective Req.	<u>Occupations (4-Yr Degree/Higher)</u> <ul style="list-style-type: none"> • Dietician & Nutritionist • Food Scientist & Technologist • Food Marketing 	
TUSD	4 Yrs Req	2 Yrs Req	2 Yrs Req & Econ/Gov	2 Yrs Req	1 Yr Lang or Fine Art Req	2 Yrs Req	1 Sem Health Req				
L O N G B E A C H C I T Y C O L L E G E	* Indicates a course that has the option of earning high school credit AND college credit through El Camino (see your high school counselor for details on dual enrollment & articulation)									<u>Degree Programs</u> <ul style="list-style-type: none"> • Dietetics & Nutrition Services • Clinical Nutrition • Culinary Arts • Culinary Science • Baking/Pastry Arts • Sports Nutrition • Food Science 	
	13 ↓ 15	<u>General Education Requirements for LBCC Majors (Plan A)</u>					<u>LBCC Requirements for AA Degree in Dietetics/ Nutrition</u>		<u>LBCC Requirements for AS Degree in Culinary Arts</u>		<u>Industry Certifications/Licenses</u> Offered through TUSD <ul style="list-style-type: none"> • Food Handlers Permit
		<u>Required Categories for LBCC AS Degree</u> English Composition (3 units) Communication & Analytical Thinking (3 units) Natural Sciences (3 units) Social Sciences (3 units) American History (3 units)--AA degree only Political Science (3 units)--AA degree only Humanities (3 units) PE (1 unit) Health (3 units) Mathematics <ul style="list-style-type: none"> • Option 1: Pass the LBCC Math Assessment Test • Option 2: Pass one approved Math class with a C or better Electives <ul style="list-style-type: none"> • Additional units needed to total 60 units • Courses cannot double count in multiple categories Meet the Reading & Writing Proficiency Requirements Meet the Information Competency Requirements					<u>Dietetics Requirements:</u> Nutrition 20, 21, 224, 225, 227, 228, 230AB, 231, 232 <u>Nutrition Requirements:</u> All courses listed above for dietetics AA degree plus: Nutrition 234, 235, 236, 240AB		<u>Required Courses:</u> Business Comm. 222, 262 Culinary Arts 20, 225, 202, 211, 218, 219, 222AB <u>Req. 6 Units From:</u> Culinary Arts 215, 216, 217, 230 <u>Recommended Courses:</u> Learn 11 Math 825 Application Software (COSA) 1		
Please note, additional courses are needed to meet the UC/CSU Transfer Requirements. See your LBCC counselor for details.									Offered through LBCC <ul style="list-style-type: none"> • Certificate of Achievement in Dietetic Service Supervisor, Formula Room Tech, & Culinary Arts 		

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T O R R A N C E U N I F I E D	7	English 7	Math 7	Soc. St. 7	Science 7	Elective	PE	--	--	<u>Occupations (High School Diploma)</u> <ul style="list-style-type: none"> • Cooks (Restaurant, Private, etc) • First Line Supervisor • Bartender • Food Server, Waiter, Waitress • Food Preparation
	8	English 8	Math 8	Soc. St. 8	Science 8	--	PE	--	Life Management	
	9	English 1	Algebra 1	--	Biology	World Lang	PE	Health/Teen Living	<u>Option 1</u> 9th: Foods & Nutrition 1 10th: Foods & Nutrition 2	
	10	English 2	Geometry	*World History	Chemistry	World Lang	PE	--		
	11	English 3 or AP Comp	Algebra 2	*US History	Anatomy & Physiology	World Lang	--	--	<u>Option 2</u> 11th: Foods & Nutrition 1 12th: Foods & Nutrition 2	<u>Occupations (Training/ 2-Yr Degree)</u> <ul style="list-style-type: none"> • Sous Chef, Chef, or Head Cook • Hospitality, Food Service, or Kitchen Manager • Dietetic Service Supervisor • Nutrition Assistant
	12	*English 4 or AP Lit	Math Elective	Gov/Econ	--	--	--	Fine Art		
	UC CSU	4 Yrs Req	3 Yrs Req 4 Yrs Rec	2 Yrs Req	2 Yrs Req 3 Yrs Rec	2 Yrs Req 3 Yrs Rec	--	1 Yr Fine Arts Req 1 Yr Elective Req	CTE is not req for UC/CSU/TUSD	<u>Occupations (4-Yr Degree/Higher)</u> <ul style="list-style-type: none"> • Dietician & Nutritionist • Food Scientist & Technologist • Food Marketing
TUSD	4 Yrs Req	2 Yrs Req	2 Yrs Req & Econ/Gov	2 Yrs Req	1 Yr Lang or Fine Art Req	2 Yrs Req	1 Sem Health Req	-- <i>These CTE courses meet the Elective Req.</i>		
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L A H A R B O R C I T Y C O L L E G E	<u>General Education Requirements for LAHCC AS Degree</u>				<u>LAHCC Requirements for AS Degree in Culinary Arts</u>					<u>Degree Programs</u> <ul style="list-style-type: none"> • Dietetics & Nutrition Services • Clinical Nutrition • Culinary Arts • Culinary Science • Baking/Pastry Arts • Sports Nutrition • Food Science
	13 ↓ 15	<u>Required Categories for LAHCC AS Degree</u> English Composition (3 units) Communication & Analytical Thinking (3 units) Natural Sciences (3 units) Social & Behavioral Sciences (3 units) American Institutions (3 units) Humanities (3 units) PE (1 unit) Health (3 units) Electives <ul style="list-style-type: none"> • Additional units needed to total 60 units • Courses cannot double count in multiple categories 				<u>Required Courses:</u> Semester 1 Culinary Arts 113, 114, 115, 116, 117 Semester 2 Culinary Arts 123, 124, 125, 126 Semester 3 Culinary Arts 133, 134, 135, 136				
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	8	English 8	Math 8	Soc. St. 8	Science 8	--	PE	--	Life Management or Gourmet Cooking	
	9	English 1	Algebra 1	--	Biology	World Lang	PE	Health/Teen Living	<u>Option 1</u> 9th: Foods & Nutrition 1 10th: Foods & Nutrition 2	
	10	English 2	Geometry	*World History	Chemistry	World Lang	PE	--		
	11	English 3 or AP Comp	Algebra 2	*US History	Anatomy & Physiology	World Lang	--	--	<u>Option 2</u> 11th: Foods & Nutrition 1 12th: Foods & Nutrition 2	<u>Occupations (Training/2-Yr Degree)</u> <ul style="list-style-type: none"> • Sous Chef, Chef, or Head Cook • Hospitality, Food Service, or Kitchen Manager • Dietetic Service Supervisor • Nutrition Assistant
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E L C A M I N O C O L L E G E	<u>General Education Requirements for ECC Majors</u>					<u>ECC Transfer Requirements for 4-Yr Nutrition Programs</u>				
	13 ↓ 15	<p><i>There is no degree available in Food Science, Dietetics, & Nutrition at El Camino. Talk with your ECC counselor about the prerequisite courses needed to transfer to the 4-year institution of your choice (see column to right for a few examples).</i></p> <p>Required Categories for ECC AS Degree Natural Sciences (3 units) Social and Behavioral Sciences (3 units) Humanities (3 units) Language and Rationality (6 units) • One course from each section: A & B Health & PE (3 units) • Exemption Options: Pass the Contemporary Health Waiver Exam or obtain approval for the Petition for Military Service Credit. Mathematics • Option 1: Pass the Math Competency Test • Option 2: Pass one approved Math class with a C or better Electives • Additional units needed to total 60 units • Courses cannot double count in multiple categories</p>					<p>Below are a few colleges with Nutrition programs and the ECC classes you need to transfer.</p> <p>Cal Poly Pomona: Req for All: Chemistry 1AB, CIS 13, Microbiology 33, Nutrition 11. <u>Req for Dietetics:</u> Physiology 31. <u>Req for Food Science:</u> Physics 2AB or Physics 3AB, Math 170</p> <p>CSU Long Beach <u>Req for Nutrition/Dietetics:</u> Chemistry 1A, English 1A, Microbiology 33, Physiology 31, Nutrition 11, CIS 13, Psychology 5, Sociology 101. <u>Req for Food Science:</u> Chemistry 1AB, Math 160/161, Microbiology 33, Physics 2A, Physiology 31, Psychology 5 or Sociology 101, Speech 12, Nutrition 11</p> <p>CSU Los Angeles Anatomy 32, Anthropology 2 or Sociology 101, Chemistry 21AB, Economics 5, English 1C, Microbiology 33, Nutrition 14, Psychology 5, Physiology 31</p>			
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