

Torrance USD Program of Study for AGR Plant & Soil Science Pathway 106

Industry Sector: Agriculture and Natural Resources (AGR)					Pathway: Plant & Soil Science (106)					
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	--	--	Occupations (High School Diploma)
	8	English 8	Math 8	Soc. St. 8	Science 8	Elective	PE	--	--	<ul style="list-style-type: none"> Nursery Workers Landscape Workers Groundskeepers Pesticide Handlers, Sprayers, Applicators, Vegetation Agricultural Equipment Operator Agricultural Inspector Agricultural Products-Graders & Sorters
	9	English 1	Algebra 1	--	Biology	World Lang	PE	Health	--	<ul style="list-style-type: none"> Crop Farmer Field Assistant
	10	English 2	Geometry	*World History	Chemistry	World Lang	PE	--	--	<ul style="list-style-type: none"> First-Line Supervisors (Landscape, Lawn Service, Groundskeepers) Forest & Conservation Technician Farm Equipment Mechanic & Service Tech Insect Monitor/Collector
	11	English 3 or AP Comp	Algebra 2	*US History	(see CTE)	World Lang	--	Fine Arts	Urban Farming	Occupations (Training/2-Yr Degree)
	12	*English 4 or AP Lit	Math Elective	Gov/Econ	--	--	--	--	Urban Farm to Table	<ul style="list-style-type: none"> Crop Farmer Field Assistant
	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	<ul style="list-style-type: none"> First-Line Supervisors (Landscape, Lawn Service, Groundskeepers) Forest & Conservation Technician Farm Equipment Mechanic & Service Tech Insect Monitor/Collector
	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	These CTE courses meet the Yr 3 Sci & Elective Req.	<ul style="list-style-type: none"> Nursery & Greenhouse Managers Plant & Soil Scientist Soil & Water Conservationist Environmental Scientists/Specialist
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)									
	General Education Requirements for LBCC Majors (Plan A)					LBCC Requirements for an AS Degree in Horticulture				
	13 ↓ 15	Required Categories for LBCC AS Degree 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 Please note, additional courses are needed to meet the UC/CSU Transfer Requirements. See your LBCC counselor for details.					Required Courses: Horticulture 11A, 11B, 11C, and 11D Horticulture 15A or 15B Req. 20 Units From: Biology 5 Floral Design 286A, 286B Horticulture 15AB, 19, 21, 26AB, 30, 202, 223, 227, 430 First Aid and Safety KINPP 23 Management 58, 80 Marketing 47			
Industry Certifications/Licenses Offered at LBCC <ul style="list-style-type: none"> Agriculture Certificate of Achievement 										