

Chemistry 2025-2026

Advising Guide



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GENERAL EDUCATION

Course #	Course Title	CR	
Written Communication			
WR 121/122	English Composition	8	
WR 123	English Composition	3	
Oral Communication			
Select at least 2.01 credits, in consultation with TVCC advisor		3	
Mathematics			
Math 251 Calculus I		5	
Science/Math/Computer Science			
PHYS 211 and 212 Classical Physics or PHYS 201/202 General Physics		10	
CHEM 221 and 222 College Chemistry		10	
Arts and Letters			
Select at least 3 courses from 2 or more disciplines, in consultation with TVCC advisor		10	
Social Sciences			
Select at least 4 courses from 2 or more disciplines, in consultation with TVCC advisor		12	
Health/Wellness/Fitness			
Select at least 2.01 credits, in consultation with TVCC advisor		3	
Cultural Literacy			
Select 1 course, in consultation with TVCC advisor		3 to 4	
Additional TVCC courses that meet LC State BA/BS Degree Requirements			
MATH 252	Calculus II**	5	
CHEM 223	College Chemistry**	5	
PHYS 203 or PHYS	General Physics or Classic Physics**	4	
CHEM 227, 228, 229	Organic Chemistry**	15	
BIOL 211	College Biology**	5	
minimum credit equivalents		60	

**Can be taken at TVCC or LC State

PROGRAM REQUIREMENTS

Course #	Course Title	CR	
Major Courses			
CHEM 325	Quantative Analysis	4	
CHEM 454	Instrumental Analysis (MATH 170 required)	5	
Select 4 credits from Natural Scienc at 300/400 level		4	
Select 32 elective credits		32	
Choose one emphasis: Chemistry or Geology			
Chemistry	BIOL 182, CHEM 300, CHEM 306, CHEM 353, CHEM 371&373, CHEM 372& 376, CHEM 463, CHEM 481, MATH 175	28-29	
Geology	Take all: GEOL 101 or GEOL 120, GEOL 202, GEOL 313, GEOL 314, GEOL 420, GEOL 491 Select one: CHEM 300, CHEM 371& 373 or CHEM 463	28-29	
Select 4 credits in CHEM or GEOL 300/400 level		4	
Graduation Requirements			
Resident Credits		32	
Upper Division Credits		36	
TOTAL TVCC & LC State Credits		120	

LC State Admissions

www.lcsc.edu/admissions or (208) 792-2378 admissions@lcsc.edu



Notes:

Complete all required/elective coursework for the AAOT degree at Treasure Valley Community College (90 quarter credits minimum).

- This advising guide is based on completion of an Associate's of Arts Oregon Transfer (AAOT) degree in Biology at Treasure Valley Community College with additions made to meet lower division
- Courses used to fulfill specific general education core requirements cannot be double-counted to fulfill LC State program requirements.
- Semester credits are displayed in the LC Express plan. Quarter credits are converted to semester credits by multiplying the quarter credits by .67.
- 32 Residency (LC State) credits required for graduation/36 must be upper division.
- The "X" in the LC State column indicates the class was likely transferred if student chose TVCC elective.

At TVCC a minimum grade of "C-" is required for Gen Ed courses and a minimum 2.0 GPA is required to qualify for Associate's Degree.