

Chemistry Teaching Area
University of Victoria Secondary Post Degree Professional Program

Required courses for all applicants with a Chemistry teaching area

Subject Content	Course	Units	Grade
Mathematics		3.0	
Biology		3.0	
Chemistry		3.0	
Physics		3.0	
Astronomy, Earth Science, Earth & Ocean Science, Geology		1.5	
Physical chemistry		1.5	
Organic chemistry		1.5	
History or philosophy of: science, medicine or technology. (Approved UVic courses include Anth 393, Biol 400, Hist 260, 261, 382A, 396, Phil 220, 331, 333, 420, 431, 434, E S 314, Engr 297.)		1.5	
Upper level analytic & laboratory chemistry: quantitative chemistry, instrument technique & analysis, specific laboratory courses		1.5	
Upper level reaction chemistry: reaction dynamics, kinetics, thermodynamics, synthetic methods, bonding, electrochemistry, solution chemistry		1.5	
Upper level chemistry & society: pollution, conservation, industrial processes, applications of chemistry, natural materials, chemistry in nature		1.5	
4.5 units of upper level chemistry:			
		1.5	
		1.5	
		1.5	
6 more units of upper level chemistry for one teaching area			
		1.5	
		1.5	
		1.5	
		1.5	