



Program of Study
Career Field: Industrial, Manufacturing, and Engineering Systems
Career Cluster: Science, Technology, Engineering, and Mathematics
Career Pathway: Science and Math



Western Nebraska Community College

DEGREE:
Chemistry

<http://www.wncc.net/programs/majors/CHEM.html>

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES	EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES			
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Biology	Geography	World Languages and Cultures Physical Education Health Education Entrepreneurship CAD (Computer Aided Drafting) Engineering Technology Industrial Technology Information Technology App. I	Schools may define their own program of study with a career focus and apply for approval	<i>School Activities:</i> SkillsUSA, OPPD/NPPD Power Drive, Math Club, Mathematic student competitions, Science Club, Science fairs <i>Community Activities:</i> Part-time employment available within this career cluster, Participate in a summer Learn-in Adventure			
	10	English/Language Arts II	Geometry	Chemistry	World History						
	11	English/Language Arts III	Algebra II	Physics	American History						
	12	English/Language Arts IV	Intro to Statistics Discrete Math Pre-Calc	AP Science	American Government or Economics						
WNCC		COMMUNICATIONS	MATH	SCIENCE	SOCIAL SCI/HUMANITIES	DEGREE REQUIRMENTS	MAJOR COURSES				
	13	English Composition 1	Calculus 1			1 Physical Education classes	General Chemistry 1	General Chemistry 2			
		English Composition 2				2 Foreign Language classes					
	14	Human Communication	Calculus 2			Any ANTH, ECON, GEOG, HIST, POLS, PSCY or SOCI course	1 Elective class	Physics 1 with Calculus	Organic Chemistry 1	Physics 2 with Calculus	Organic Chemistry 2
		Calculus 3				1 Physical Education classes					