



**Program of Study**  
**Career Field: Health Sciences**  
**Career Cluster: Health Sciences**  
**Career Pathway: Diagnostic Services**



**Western Nebraska Community College**

DEGREE:  
 Biomedical Research

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

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES	EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES		
<b>HIGH SCHOOL</b>	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages and Cultures Physical Education Health Education Information Technology Applications I Entrepreneurship Human Development Nutrition and Food Safety and First Aid/CPR Strength Training	Introduction to Health Science Medical Terminology  <i>Plus one from the following:</i> Advanced Health Science Intro to Nursing Intro to Sports Medicine Independent Study: Therapeutic Services	<i>School Activities:</i> Athletics, SkillsUSA, FCCLA, HOSA, Medical Explorers, Science Club, Service Learning, Wellness Club  <i>Community Activities:</i> Take First Aid courses, Volunteer at hospital/nursing home, Volunteer with Red Cross, EMT certification, Health fairs		
	10	English/Language Arts II	Geometry	Biology	World History					
	11	English/Language Arts III	Algebra II	Chemistry	American History					
	12	English/Language Arts IV	Intro to Statistics Discrete Math Pre-Calc	Anatomy or Physiology	American Government or Economics					
<b>WNCC</b>		<b>COMMUNICATIONS</b>	<b>MATH</b>	<b>SCIENCE</b>	<b>SOCIAL SCI/HUMANITIES</b>	<b>DEGREE REQUIREMENTS</b>	<b>MAJOR COURSES</b>			
	13	English Composition 1	College Algebra	General Chemistry 1		2 Physical Education Courses	General Biology	General Zoology		
		English Composition 2	Trigonometry	General Chemistry 2						
	14	Human Communication		Organic Chemistry 1	ANTH, ECON, GEOG, HIST, POLS, PSYC, or SOCI class		Genetics	Physiology & Anatomy 1	Microbiology	Physiology & Anatomy 2
			Organic Chemistry 2							