

Pharmacist

Career Goal (O*NET Code): Pharmacist (29-1051), Pharmacy Technician (29-2052).

Cluster Overview: The Health Science cluster focuses on careers in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

SUGGESTED COURSEWORK

EXTENDED LEARNING EXPERIENCES

High School	9th	Core Courses:	English I Algebra I Biology	World Geography Language other than English I Health/PE or Equivalent	Curricular Experiences: Health Occupations Students of America STARS Research Program NASA Research Program	Extracurricular Experiences: National Youth Leadership Forum on Medicine Academic Decathlon UIL Medical Mission Trips		
		Career-Related Electives:	Introduction to Health Science Technology AND Medical Terminology					
	10th	Core Courses:	English II Geometry Chemistry	World History Languages other than English II Technology Applications				
		Career-Related Electives:	Health Science Technology I***					
	11th	Core Courses:	English III Algebra II Physics	United States History Communication Applications PE or Equivalent			Career Learning Experiences: Career Preparation (Paid/Unpaid) Job Shadowing Internship	Service Learning Experiences: Community Service Volunteer
		Career-Related Electives:	Health Science Technology II* or Anatomy and Physiology of Human Systems or Languages other than English III					
	12th	Core Courses:	English IV AP Statistics Scientific Research and Design	Government/Economics Fine Arts				
		Career-Related Electives:	Health Science Technology III* or Pharmacology or Pathophysiology or Independent Study or Languages other than English IV					
Postsecondary	On-the-Job Training	Drug Store Clerk NOTE: These experiences may be started or completed as part of the high school experience.			Career Options: Pharmacy Technician	Professional Associations: American Association of Colleges of Pharmacy American Society of Healthcare System Pharmacists National Association of Chain Drug Stores American Pharmaceutical Association		
	Certificates	Pharmacy Technician OSHA CareerSafe NOTE: Students may earn this all or part of these certificates as part of the high school experience.						
	Associate's Degrees	Pharmacy Technician						
	Bachelor's Degrees	Biology Chemistry						
	Graduate Degrees	Doctorate in Pharmacy					Career Options: Pharmacist Nuclear Pharmacist Therapeutic Nutrition Systems Manager Pharmacy Practitioner Pediatric Specialists Oncology Specialists	

* May substitute for the required credit for Physical Education
** Satisfies the required credit for Technology Applications
*** May substitute for the required credit for Health Education

Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses, if possible.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2007. All plans should meet high school graduation requirements as well as college entrance requirements. Students may select other elective courses for personal enrichment purposes.