

High School to College and Career Pathway: Secondary

Area of Study: Health Science Education



Pathway: Therapeutic Services Pharmacy

Middle School		State Requirements			High School Suggested Education Plan				College & Careers																									
7 th Grade	8 th Grade	Middle School	High School	9 th Grade Suggested	10 th Grade Suggested	11 th Grade Suggested	12 th Grade Suggested	Beyond High School																										
Language Arts 7 1.00	Language Arts 8 1.00	2.00	Language Arts 4.00	Language Arts 9 1.00	Language Arts 10 1.00	Language Arts 11 1.00	Language Arts 12 1.00	<p>There are a number of options for education and training beyond high school, depending on your career goals.</p> <ul style="list-style-type: none"> > Certificate > Associate degree > Bachelor's degree > Professional degree > On-the-job training > Apprenticeship > Military training <p>Pharmacy is:</p> <ul style="list-style-type: none"> > High skill > High demand > Nontraditional for males <p>Sample Occupations</p> <ul style="list-style-type: none"> > Health Science Education Teacher > Pharmacy Aide > Pharmacy Technician > Pharmacist <p>For more information on salary projections, labor market demand, and training options, visit www.utahfutures.org.</p>																										
Pre-Algebra 1.00	Elem. Algebra or Applied Math 1.00	2.00	Math 3.00	Geometry 1.00	Intermediate Algebra 1.00	Pre-calculus 1.00	Calculus or Statistics 1.00																											
Science .50	Science 1.00	1.50	Science 3.00	Biology or Human Biology 1.00	Chemistry 1.00	Physics 1.00																												
Utah Studies .50	U.S. History I 1.00	1.50	Social Studies 2.50	Geography for Life .50	World Civilizations .50	U.S. History II 1.00	U.S. Government and Citizenship .50																											
P.E. 1.00	Health .50	1.50	P.E./Health 2.00	Participation Skills and Techniques .50	Fitness for Life .50 / Health Education .50 Lifetime Activities or Sport .50																													
The Arts .50	The Arts .50	1.00	Fine Arts 1.50	Fine Arts Courses 1.50																														
/	/		Financial Literacy .50			Financial Literacy .50																												
Keyboarding .50	/		Computer Tech. .50	Computer Technology .50																														
CTE Intro 1.00	/	1.00	Career and Technical Education 1.00	Career and Technical Education Recommended Pathway Courses (Students may select individual courses for exploration, or a complete Pathway for an in-depth focus.) CLASS AVAILABILITY MAY VARY AT YOUR HIGH SCHOOL																														
<p>Workforce Trends <u>Pharmacy Technician:</u> With increased medical needs of an aging population and additional tasks given to pharmacy techs., many job opportunities will be created, especially for those with formal training and certification. <u>Pharmacist:</u> New opportunities are emerging for pharmacists in managed care organizations, where they analyze trends and patterns in medication use, and in pharmacoeconomics—the cost and benefit analysis of different drug therapies.</p> <p>Get the Facts Pharmaceutical makers are accustomed to a research-to-market cycle of as long as 10 years in order to discover, develop and commercially launch a new drug.</p>		<p>Core Curriculum and elective requirements may vary district to district. Check with your school counselor.</p> <p>Concurrent enrollment course offerings vary by school and district.</p>		<table border="1" style="width: 100%; border-collapse: collapse; background-color: #00a0e3; color: white;"> <thead> <tr> <th>Course #</th> <th>Foundation Courses: (required)</th> <th>Credit</th> </tr> </thead> <tbody> <tr> <td>51.0805</td> <td>Pharmacy Technician</td> <td>2.00</td> </tr> <tr> <td colspan="3">Elective Courses:</td> </tr> <tr> <td>51.0001</td> <td>Health Science, Introduction *</td> <td>.50</td> </tr> <tr> <td>51.1399</td> <td>Medical Anatomy & Physiology</td> <td>1.00</td> </tr> <tr> <td>51.0799</td> <td>Medical Terminology</td> <td>.50</td> </tr> <tr> <td>51.9999</td> <td>Medical Math</td> <td>.50</td> </tr> <tr> <td>51.1199</td> <td>Health Science, Advanced (capstone course)</td> <td>1.00</td> </tr> <tr> <td>32.0199</td> <td>Student Internship (Critical Workplace Skills)</td> <td>.50</td> </tr> </tbody> </table> <p>* It is preferred that this course be taken prior to any foundation course.</p>			Course #		Foundation Courses: (required)	Credit	51.0805	Pharmacy Technician	2.00	Elective Courses:			51.0001	Health Science, Introduction *	.50	51.1399	Medical Anatomy & Physiology	1.00	51.0799	Medical Terminology	.50	51.9999	Medical Math	.50	51.1199	Health Science, Advanced (capstone course)	1.00	32.0199	Student Internship (Critical Workplace Skills)	.50
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<p>In Utah, a pharmacist must be licensed.</p>				<p>Many Utah post-secondary programs accept high school courses toward a two- or four-year degree through concurrent enrollment. Check regional post-secondary Pathways for details.</p>																														

Note: For more information, talk to your school counselor.