















Regional College-Career Pathway: Health Sciences




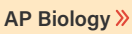



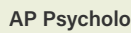







ORIENTATION / INTRODUCTION Grades 9-10

SKILL DEVELOPMENT Grades 10-12

CAPSTONE / ADVANCED Grades 12

 CAREER FOCUSED COURSES <hr/> <i>Pre-Professional/ Guided Transfer</i> <hr/> <i>Nursing</i> <hr/> <i>Allied Health</i>	Orientation to Health Occupations _____ or _____ Health Occupations Introductory Skills Development	HPE 112 Intro to Medical Terminology 	BIO 245 Human Anatomy & Physiology I  BIO 246 Human Anatomy & Physiology II 
		HPE 112 Intro to Medical Terminology 	NUR 105 Basic Nurse Assistant Training Program  or Medical Assistant 
		HPE 112 Intro to Medical Terminology  CLT 101 Phlebotomy 	CLT 105 Clinical Lab Assistant Skills I  & CLT 106 Clinical Lab Assistant Skills II  or Medical Assistant 



 WORK-BASED LEARNING	Career Exploration (2) _____ & _____ Team-Based Challenge, e.g. HOSA, SkillsUSA, Incubator, and others	Team-Based Challenge, e.g. HOSA, SkillsUSA, Incubator, and others _____ & _____ Career Development Experience or Youth Apprenticeship	Team-Based Challenge, e.g. HOSA, SkillsUSA, Incubator, and others _____ & _____ Career Development Experience or Youth Apprenticeship
	SCIENCE <hr/> <i>Allied Health/ Technician</i> <hr/> <i>Pre-Professional</i>	Science Sequence	Science Sequence
	Science Sequence	AP Biology  _____ or _____ BIO 113 Molecular & Cellular Biology  & BIO 114 Organismal Bio, Evolution, Ecology 	See Career-Focused Courses above
 SOCIAL SCIENCE	Social Science Sequence	Social Science Sequence	AP Psychology  _____ or _____ PSY 100 Intro to Psychology 
	 MATH <hr/> <i>Pre-Professional/ Guided Transfer</i> <hr/> <i>Allied Health/ Technician</i>	Algebra/Geometry	Precalculus
Algebra/Geometry		Geometry/Algebra 2/Precalculus	Transition to College Algebra _____ or _____ Pre-Calculus _____ or _____ MTH 112 College Algebra 
 ENGLISH	English Sequence	English Sequence	AP Language & Composition  _____ or _____ ENG 101 English Composition I  & ENG 102 English Composition II 



POSTSECONDARY OPTIONS

1 GUIDED TRANSFER

- MTH 190 Calculus I
- CHM 142 General Chemistry I

Associates of Science

Bachelor of Science

2 NURSING

- CHM 112 Elements of General Chemistry
- BIO 245 Human Anatomy & Physiology I
- PSY 218 Human Growth & Development

Registered Nurse
AAS

Bachelor of Science
in Nursing

Clinical Lab
Technology AAS

Histotechnology AAS

Bachelor of Science
Medical Laboratory
Sciences

Medical Imaging
Radiography AAS

Physical Therapist
Assistant AAS

Surgical Technology
AAS

3 OTHER HEALTH PROFESSIONS & RELATED CLINICAL SERVICES



SELECTED OCCUPATIONS, WAGES, & JOB GROWTH

Program	Typical Job	Near or Above Living Wage Threshold for 1 Adult + 1 Child ¹	Median Hourly Wage ²	Growth in Illinois: Annual Job Openings ²	Growth in Illinois: % Change Over 10 years ²	Stackable?
1 Pre-Professional Track	Pediatricians, General	Y	\$66.93	30	2%	Typically Requires Bachelor's Degree & Prof. School
	Dentists	Y	\$68.79	190	9%	
2 Nursing / Registered Nurse	Nursing Assistants	N	\$13.72	7,340	5%	Typically Required for LPN or RN
	Licensed Practical and Licensed Vocational Nurses	Y	\$24.24	1,640	2%	Can Stack to RN at Select IL Colleges
	Registered Nurses	Y	\$34.74	8,690	15%	Can Stack to BSN at Select IL Colleges
3 Clinical Lab Technology and Histotechnology Radiography Physical Therapist Assistant Surgical Technology	Medical and Clinical Laboratory Technologists	Y	\$25.02	830	4%	Can Stack to BS at Select IL Colleges
	Radiologic Technologists	Y	\$30.52	380	2%	Not Typically Stackable
	Physical Therapist Assistants	Y	\$28.60	730	20%	
	Surgical Technicians	Y	\$23.95	270	1%	

1. Living wage calculations are based on: Glasmeier, Amy K. Living Wage Calculator. 2020. Massachusetts Institute of Technology. livingwage.mit.edu. As of January 2021 for the state of Illinois, the "Living Wage" for 1 Adult + 1 Child equaled \$26.27/hour and "near," defined as 85% of that statewide living wage, was \$22.33/hour. In March of 2021, the Living Wage calculator updated its calculations for Illinois, but information presented in this guide reflects the wage levels as of January 2021, when the project team conducted its analysis.

2. U.S. Department of Labor, CareerOnestop (careeronestop.org/explorecareers), Illinois Department of Employment Security Virtual Labor Market Information (www2.illinois.gov/ides)



AP or
Dual Credit



Dual Credit
Course



College and Career Pathway
Endorsement Earned

