Model Programs of Study Guide: Health Sciences

### Orientation / Introduction
- Grades 9–10
  - Orientation to Health Occupations
  - Introductory Skills Development

### Career Focused Courses
- Science Sequence
- Social Science Sequence
- Algebra
- Geometry
- English Sequence

### Work-Based Learning
- Science
- Biology
- Chemistry
- Psychology
- Sociology
- General Education Math
- Microbiology

### Skill Development
- Grades 10–12
  - Medical Terminology
  - Intro to Anatomy and Physiology
  - Pharmacy Technician Program
  - Other Sequence Leading to Industry Credential

### CAPSTONE / Advanced
- Grades 12
  - Minimum of 4.0 AAS Course Sequence

### Postsecondary Courses
- Recommended 1st Year
  - Pre-Calculus
  - Geometry
  - Algebra 2
  - Biology
  - Chemistry
  - General Education Math

### Other Health Professions & Related Clinical Services
- Allied Health
  - Dental Hygienist
  - Respiratory Therapist
  - Occupational Therapy Assistant

### Select Occupations, Wages, & Job Growth

#### Major Program Options
- Pre-Med, Pre-Dentistry, or Other Professional Track
- Practical Nurse (Certificate)
- Certified Nursing Assistant (Certificate)
- Registered Nurse AAS
- Pharmacy and Surgical Technician (Certificate or AAS)
- Radiography AAS
- Physical Therapy Assistant AAS

#### Related Majors
- Dental Hygienist AAS

#### Typical Job
- Dentists: $139.75
- Veterinarians: $193.97
- Medical Scientists: $132.45
- Registered Nurses: $90.28

#### Median Hourly Wage
- $89.23
- $65.79
- $34.94

#### Jobs with Growth in Illinois
- Pre-Dentistry, or Pre-Med, or Other Professional Track
- Dental Hygienist AAS
- Physician Assistant AAS

#### Growth in Illinois:
- Typically Requires Bachelor’s Degree & Prof. School
- Typically Requires for LPN or RN
- Can Stack to RN at Select IL Colleges
- Can Stack to BSN at Select IL Colleges

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1. Living wage calculations are based on MIT’s Living Calculator (livingwage.mit.edu), where the “Living Wage” for 1 Adult + 1 Child is $26.27/hour for the state of Illinois. “Near” defined as 85% of the statewide living wage, which is $22.33/hour.
2. U.S. Department of Labor, CareerOneStop (careeronestop.org/explore-careers) defined as 85% of the statewide living wage, which is $22.33/hour.