Model Programs of Study Guide: Health Sciences

### ORIENTATION / INTRODUCTION
- Grades 9–10
  - Orientation
  - Health Occupations

### SKILL DEVELOPMENT
- Grades 10–12
  - Medical Terminology
  - Intro to Anatomy and Physiology
  - Other Sequence Leading to Industry Credential

### CAPSTONE / ADVANCED
- Grades 12
  - Certified Nursing Assistant Program
  - Other Sequence Leading to Industry Credential

### POSTSECONDARY COURSES
- Recommended 1st Year
  - Continue AS or AAS Course Sequence
  - Team-Based Challenge
  - Career Development Experience
  - Youth Apprenticeship

### WORK-BASED LEARNING
- Team-Based Challenge
- Career Development Experience
- Youth Apprenticeship

### SCIENCE
- Science Sequence
- Social Science Sequence
- Algebra
- Geometry
- Pre-Calculus
- Calculus
- General Education Math

### SOCIAL SCIENCE
- Social Science Sequence
- Psychology
- Sociology

### MATH
- English Sequence
- Algebra
- Geometry
- Algebra 2
- Pre-Calculus
- Calculus
- General Education Math

### ENGLISH
- English Sequence
- English Composition
- Oral Communication

### POSTSECONDARY OPTIONS

#### GUIDED TRANSFER
- Pre-Med, Pre-Dentistry, or Other Professional Track
- College and Career Pathway Endorsement Eared

#### NURSING
- Practical Nurse (Certificate)
- Registered Nurse AAS
- Certified Nursing Assistant

#### OTHER HEALTH PROFESSIONS & RELATED CLINICAL SERVICES
- Allied Health Diagnostic, Intervention, and Treatment Professions
- Allied Health & Medical Assisting Services
- Dental Hygienist
- Dental Hygienist AAS

### SELECTED OCCUPATIONS, WAGES, & JOB GROWTH

<table>
<thead>
<tr>
<th>Program</th>
<th>Typical Job</th>
<th>Near or Above Living Wage Threshold for 1 Adult + 1 Child</th>
<th>Median Hourly Wage</th>
<th>Growth in Illinois: Annual Job Openings</th>
<th>Growth in Illinois: % Change Over 10 years</th>
<th>Stackable?</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Pre-Professional Track</td>
<td>Dentists</td>
<td>$16.83</td>
<td>31</td>
<td>10%</td>
<td>8%</td>
<td>Not Typically Stackable</td>
</tr>
<tr>
<td></td>
<td>Registered Nurses</td>
<td>$13.72</td>
<td>730</td>
<td>5%</td>
<td>2%</td>
<td>Typically Requires Bachelor's Degree &amp; Prof. School</td>
</tr>
<tr>
<td>2. Nursing / Registered Nurse</td>
<td>Registered Nurses</td>
<td>$24.24</td>
<td>1640</td>
<td>2%</td>
<td>2%</td>
<td>Typically Requires for LPN or RN Can Stack to RN at Select IL Colleges</td>
</tr>
<tr>
<td></td>
<td>Clinical Medical Laboratory Science &amp; Allied Professions</td>
<td>$33.48</td>
<td>430</td>
<td>4%</td>
<td>2%</td>
<td>Typically Requires for Licensed Practical or Licensed Vocational Nurses Can Stack to BSN at Select IL Colleges</td>
</tr>
<tr>
<td>3. Surgical Technology</td>
<td>Surgical Technologists</td>
<td>$23.05</td>
<td>220</td>
<td>1%</td>
<td>1%</td>
<td>Not Typically Stackable</td>
</tr>
<tr>
<td>4. Respiratory Therapy</td>
<td>Respiratory Therapists</td>
<td>$28.82</td>
<td>350</td>
<td>17%</td>
<td>17%</td>
<td>Not Typically Stackable</td>
</tr>
<tr>
<td>5. Physical Therapy Assistant</td>
<td>Physical Therapist Assistants</td>
<td>$20.60</td>
<td>730</td>
<td>20%</td>
<td>20%</td>
<td>Not Typically Stackable</td>
</tr>
<tr>
<td>6. Occupational Therapy Assistant</td>
<td>Occupational Therapy Assistants</td>
<td>$28.75</td>
<td>380</td>
<td>27%</td>
<td>27%</td>
<td>Not Typically Stackable</td>
</tr>
<tr>
<td>7. Dental Hygiene</td>
<td>Dental Hygienists</td>
<td>$20.68</td>
<td>580</td>
<td>9%</td>
<td>9%</td>
<td>Not Typically Stackable</td>
</tr>
</tbody>
</table>

1. Living wage calculations are based on MIT’s Living Calculator (https://livingwage.mit.edu/), where the “Living Wage” for 1 Adult + 1 Child is $26.27/hour for the state of Illinois.
2. “Near” defined as 85% of the statewide living wage, which is $22.33/hour.

**Courses and Work-Based Learning Address the PWR Act Recommended Technical and Essential Employability Competencies**

If courses in this column were accomplished through early college credit, students should take the next required course in the sequence if, none, additional AAS or Major Courses.

1. Junior College Credit:
2. Dual Credit
3. College Credit
4. Postsecondary Course Affiliated with IAI Code
5. College and Career Pathway Endorsement Earned

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**Postsecondary Course Affiliated with IAI Code**


**Recommended 1st Year**

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