

**Health Science – Pre-Medicine**  
**Bachelor of Science in Health Science**  
**Pre-Professional Program in Medicine**  
**2025-2026**

**General Areas of Service:** Health Science graduates may work as healthcare specialists, as hospital or worksite wellness coordinators, school health teachers, or government environmental specialists. Most students use this program as a stepping-stone to graduate work in medicine, dentistry, optometry, veterinary science, physical therapy, physician assistant, pharmacy, osteopathy, public health, epidemiology, or biostatistics. A major in health science is excellent preparation for medical or dental schools, since the course work required in the major is also required for pre-medicine or pre-dentistry.

**Professional Training:** Most health science graduates go on to graduate work in medicine, dentistry, optometry, pharmacy, veterinary science, osteopathy, physical therapy, public health, or epidemiology.

**Denominational Opportunities:** Employment is available in Adventist hospitals or in the health departments of local or union conferences.

**Job Outlook:** According to the Bureau of Labor Statistics (BLS), employment in health-related careers is expected to grow 13 percent from 2021-2031, much faster than average compared to other industries. (See [www.bls.gov](http://www.bls.gov))

**Earnings:** Wages will vary depending on the chosen career. The BLS reports that in May 2021, the median annual wage of physicians and surgeons was \$208,000. Physician assistants earned a median wage of \$121,530; physical therapists, \$95,620; and dentists, \$163,220. (See [www.bls.gov](http://www.bls.gov))

**Before graduation, all students must take an exit exam.**

**HEALTH & PHYSICAL  
EDUCATION DEPARTMENT**

Winter Education Complex  
(509) 527-2325

**Websites**

[Walla Walla University](#)  
[University Bulletin](#)

[Health & Physical Education  
Department](#)

**Faculty**

Chair/Advisors  
[Rodd Strobel](#)  
[Curtis Kuhlman](#)

**Professional Organizations**

[American Alliance for Health, Physical  
Education, Recreation & Dance](#)

## Suggested Degree Path

TOTAL CREDITS REQUIRED: 192 cr. GENERAL STUDIES REQUIREMENTS: 64-69cr. [Health Science & Pre-Medicine](#)

The chart below details one suggested path a student may take to complete a bachelor's degree in Health Science.

### Freshman Year

| Fall Courses                                                  | Hours     |
|---------------------------------------------------------------|-----------|
| General Biology & LAB ( <a href="#">BIOL 141 &amp; 141L</a> ) | 4         |
| College Writing I ( <a href="#">ENGL 121</a> )                | 3         |
| Wellness for Living ( <a href="#">HLTH 110</a> )              | 3         |
| Intro to Psychology ( <a href="#">PSYC 140</a> )              | 4         |
| General Studies                                               | 2         |
| *Colloquium ( <a href="#">HLTH 495</a> )                      | 0         |
| <b>Total</b>                                                  | <b>16</b> |

| Winter Courses                                                | Hours     |
|---------------------------------------------------------------|-----------|
| General Biology & LAB ( <a href="#">BIOL 142 &amp; 142L</a> ) | 4         |
| College Writing II ( <a href="#">ENGL 122</a> )               | 3         |
| Math Option ( <a href="#">MATH 121 or 171</a> )               | 4         |
| Intro to Psychology ( <a href="#">PSYC 141</a> )              | 4         |
| General Studies                                               | 1         |
| *Colloquium ( <a href="#">HLTH 495</a> )                      | 0         |
| <b>Total</b>                                                  | <b>16</b> |

| Spring Courses                                               | Hours     |
|--------------------------------------------------------------|-----------|
| General Biology & LAB( <a href="#">BIOL 143 &amp; 143L</a> ) | 4         |
| Math Option ( <a href="#">MATH 122 or 171</a> )              | 4         |
| Survey of Health ( <a href="#">HLTH 205</a> )                | 2         |
| General Studies                                              | 6         |
| *Colloquium ( <a href="#">HLTH 495</a> )                     | 0         |
| <b>Total</b>                                                 | <b>16</b> |

### Sophomore Year

| Fall Courses                                                   | Hours     |
|----------------------------------------------------------------|-----------|
| Research Writing ( <a href="#">ENGL 223</a> )                  | 3         |
| General Chemistry & Lab ( <a href="#">CHEM 141 &amp; 144</a> ) | 4         |
| General Physics & Lab ( <a href="#">PHYS 211 &amp; 214</a> )   | 4         |
| General Studies                                                | 5         |
| *Colloquium ( <a href="#">HLTH 495</a> )                       | 0         |
| <b>Total</b>                                                   | <b>16</b> |

| Winter Courses                                                 | Hours     |
|----------------------------------------------------------------|-----------|
| General Chemistry & Lab ( <a href="#">CHEM 142 &amp; 145</a> ) | 4         |
| General Physics & Lab ( <a href="#">PHYS 212 &amp; 215</a> )   | 4         |
| Statistics Option ( <a href="#">MATH 106 OR BIOL 250</a> )     | 4         |
| Etiology of Selected Diseases ( <a href="#">HLTH 315</a> )     | 3         |
| General Studies                                                | 1         |
| *Colloquium ( <a href="#">HLTH 495</a> )                       | 0         |
| <b>Total</b>                                                   | <b>16</b> |

| Spring Courses                                                 | Hours     |
|----------------------------------------------------------------|-----------|
| General Chemistry & Lab ( <a href="#">CHEM 143 &amp; 146</a> ) | 4         |
| General Physics & Lab ( <a href="#">PHYS 213 &amp; 216</a> )   | 4         |
| Ethics in the Health Sciences ( <a href="#">HLTH 210</a> )     | 2         |
| Consumer Health ( <a href="#">HLTH 331</a> )                   | 3         |
| General Studies                                                | 3         |
| *Colloquium ( <a href="#">HLTH 495</a> )                       | 0         |
| <b>Total</b>                                                   | <b>16</b> |

### Junior Year

| Fall Courses                                                   | Hours     |
|----------------------------------------------------------------|-----------|
| Organic Chemistry & Lab ( <a href="#">CHEM 321 &amp; 324</a> ) | 5         |
| Cell Biology I ( <a href="#">BIOL 381</a> )                    | 4         |
| Health Psychology( <a href="#">HLTH 370</a> )                  | 3         |
| General Studies                                                | 4         |
| *Colloquium ( <a href="#">HLTH 495</a> )                       | 0         |
| <b>Total</b>                                                   | <b>16</b> |

| Winter Courses                                                 | Hours     |
|----------------------------------------------------------------|-----------|
| Organic Chemistry & Lab ( <a href="#">CHEM 322 &amp; 325</a> ) | 5         |
| Cell Biology II ( <a href="#">BIOL 382</a> )                   | 4         |
| Human Nutrition ( <a href="#">HLTH 220</a> )                   | 4         |
| General Studies                                                | 3         |
| *Colloquium ( <a href="#">HLTH 495</a> )                       | 0         |
| <b>Total</b>                                                   | <b>16</b> |

| Spring Courses                                | Hours     |
|-----------------------------------------------|-----------|
| Cell Biology III ( <a href="#">BIOL 383</a> ) | 4         |
| General Studies                               | 12        |
| *Colloquium ( <a href="#">HLTH 495</a> )      | 0         |
| <b>Total</b>                                  | <b>16</b> |

### Senior Year

| Fall Courses                                             | Hours     |
|----------------------------------------------------------|-----------|
| Foundations of Biochemistry ( <a href="#">CHEM 431</a> ) | 4         |
| Senior Seminar ( <a href="#">HLTH 496</a> )              | 3         |
| Biomechanics ( <a href="#">PETH 325</a> )                | 4         |
| General Studies                                          | 5         |
| *Colloquium ( <a href="#">HLTH 495</a> )                 | 0         |
| <b>Total</b>                                             | <b>16</b> |

| Winter Courses                                           | Hours     |
|----------------------------------------------------------|-----------|
| Foundations of Biochemistry ( <a href="#">CHEM 432</a> ) | 3         |
| Motor Learning ( <a href="#">PETH 425</a> )              | 4         |
| Physiology of Exercise ( <a href="#">PETH 426</a> )      | 4         |
| Electives                                                | 5         |
| *Colloquium ( <a href="#">HLTH 495</a> )                 | 0         |
| <b>Total</b>                                             | <b>16</b> |

| Spring Courses                                             | Hours     |
|------------------------------------------------------------|-----------|
| Fitness Evaluation Techniques ( <a href="#">PETH 427</a> ) | 3         |
| Electives                                                  | 13        |
| *Colloquium ( <a href="#">HLTH 495</a> )                   | 0         |
| <b>Total</b>                                               | <b>16</b> |

\*Colloquium: Eight quarters required or two quarters for every year in residence as a declared Health Science, Exercise Science, or Sports Management & Coaching Major at WWU, whichever is less.

#### General Studies Credits Still Needed (43 Credits):

Foundations – Physical Activity (2)

Ways of Knowing

History

Humanities (4)

Exploring Scripture (4)

Exploring SDA Life (3-4)

Ways of Engaging

Engaging in Arts (4)

Engaging in History + Philosophy (4)

### Office of Academic Advisement

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