Health Science
Bachelor of Science
2017-2018

General Areas of Service:

Health Science graduates may work 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, 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 faster than average compared to other industries. In the 2014-2024 decade, employment of physicians and surgeons is expected to increase 14 percent; physician assistant, 30 percent; physical therapist, 34 percent; and dentist, 18 percent. (See www.bls.gov)

Earnings:

Wages will vary depending on the chosen career. The BLS reports that in May 2016, the mean annual wage of physicians and surgeons was equal to or greater than $208,000. Physician assistants earned a median wage of $101,480; physical therapists, $85,400; and dentists, $159,770. (See www.bls.gov)

Individuals seeking teaching certification must see an adviser in the Education Department.
The chart below details one suggested path a student may take to complete a bachelor’s degree in Health Science. **Classes that are offered with multiple sections are listed in each quarter they are available.** Cognates, general studies courses, and electives should be taken to complete 192 credit hours to complete a Bachelor of Science in Health Science. See the Undergraduate Bulletin for complete requirements.

### Autumn

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<tr>
<th>Course</th>
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<tr>
<td>HLTH 110</td>
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<td>HLTH 205</td>
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<tr>
<td>BIOL 141</td>
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### Winter

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### Spring

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### Sophomore

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<td>HLTH 208</td>
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### English Requirements:

- **Freshman**
  - ENGL 121 & 122 – College Writing

- **Sophomore**
  - ENGL 223 – Research Writing

### Math Requirements:

Select one: (4 credits)

- MATH 106
- BIOL 250 – Introduction to Statistics OR Biostatistics

Select one: (4-8 credits)

- MATH 121, 122 OR 131, 132 OR 181 – Precalculus I, II OR Calculus for the Life Sciences I, II OR Calculus I

### General Requirements:

- Health & P.E. 2 cr.
- History 8 cr.
- Social Science 4 cr.
- Humanities 12 cr.
- Language Arts 12 cr.
- Mathematics 4 cr.
- Natural Science 8 cr.
- Religion & Theology 18 cr.

### Total Credits Required:

- 192 Credits

### Cognates:

- **Freshman**
  - PSYC 130 – General Psychology

- **Sophomore**
  - CHEM 141, 142, 143/144, 145, 146 – General Chemistry
  - MATH 106 OR BIOL 250 OR GBUS 263 – Statistics

- **Junior**
  - *CHEM 321, 322/324, 325 OR PHYS 211, 212, 213/214, 215, 216 – Organic Chemistry OR General Physics

### Notes:

- + Classes offered even years
- - Classes offered odd years

* Some graduate programs in the health sciences require General Chemistry and Organic Chemistry for admission.

Pre-Medicine/Dentistry/Optometry/Pharmacy/PT students must add General Physics in the sophomore or junior years. Pre-Med/Dent. have additional science requirements such as Cell Biology, Biochemistry, and a replacement for Psych 130, Psych 140, 141. Please compare this outline with the Pre-Med, Pre-Dent outline under Pre-Professional.