

# Bachelor of Science in Health Science

## Cardiovascular Imaging Leadership Concentration

2017\_18

Clemson University • Department of Public Health Sciences  
501 Edwards Hall • Clemson, South Carolina 29634-0745 • FAX (864) 656-6227 • (864) 656-5502

### Freshmen Year

#### First Semester

BIOL 1030 & 1050 General Biology I & Lab I <i>or</i> BIOL 1100 Principles of Biology I	3 & 1 5
CH 1010 General Chemistry I	4
HLTH 2020 Introduction to Public Health	3
<sup>1</sup> Social Science Requirement	3

**14-15**

#### Second Semester

BIOL 1040 & 1060 General Biology II & Lab II <i>or</i> BIOL 1110 Principles of Biology II	3 & 1 5
CH 1020 General Chemistry II	4
ENGL 1030 Accelerated Composition	3
HLTH 2030 Overview of Health Care Systems	3

<sup>2</sup> Mathematics Requirement	3-4
	<b>17-19</b>

### Sophomore Year

#### First Semester

BIOL 2220 Human Anatomy & Physiology I	4
HLTH 2980 Human Health & Disease	3
CVT 2260 Intro to Cardiovascular Sonography	3
<sup>3</sup> Statistics Requirement	3
PHYS 2070 General Physics I	3
PHYS 2090 General Physics I Laboratory	1

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#### Second Semester

BIOL 2230 Human Anatomy & Physiology II	4
HLTH 2400 Determinants of Health Behavior	3
COMM 2500 Public Speaking <i>or</i> COMM 1500 Intro to Human Communication	3
<sup>4</sup> HLTH Requirement	3
CVT 2250 Ultrasound Physics	3

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### Junior Year

#### First Semester

<sup>1</sup> Arts & Humanities (Literature) Requirement	3
HLTH 3800 Epidemiology	3
CVT 3250 Echocardiography Principles CVT 3251 Echo Prin Lab	4
CVT 3350 Vascular Sonography Principles CVT 3351 Vascular Sono Lab	4

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#### Second Semester

<sup>1</sup> Social Science Requirement	3
HLTH 4900 Research & Eval Strategies for Pub Health	3
<sup>5</sup> HEHD Leadership Course Requirement	3
CVT 3260 Echocardiography Methods CVT 3261 Echo Methods Lab	4
CVT 3360 Vascular Sonography Methods CVT 3361 Vascular Methods Lab	4

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### Summer

CVT 4240 CVT Intro to Field Experience	<b>3</b>
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### Senior Year

#### First Semester

<sup>1</sup> Arts & Humanities (Non-Lit) Requirement	3
CVT 4250 CVS Field Experiences II	6
HLTH 4180 CVT Professional Development <sup>6</sup>	3

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#### Second Semester

CVT 4260 CVS Field Experience III	6
<sup>4</sup> HLTH Requirement	3
<sup>5</sup> HEHD Leadership Course Requirement	3

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Total Semester Hours = **122-125**

<sup>1</sup> See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science & Technology in Society Requirements.

<sup>2</sup> MATH 1020 or 1060

<sup>3</sup> STAT 2300 or 3090

<sup>4</sup> Any HLTH course not otherwise required.

<sup>5</sup> Students are required to take at least two courses from the HEHD Leadership course offerings: HEHD 4000, HEHD 4100 and HEHD 4200.

Notes:

1. A minimum grade-point ratio of 2.0 is required for registration in all HLTH courses.