COLLEGE OF HEALTH, EDUCATION AND HUMAN DEVELOPMENT

The College of Health, Education and Human Development provides students the means by which to pursue careers in the fields of nursing, health, and recreation management. The “Engaged College with a Personal Touch” is home to the academic programs offered by the School of Nursing; the Department of Public Health Sciences; and the Department of Parks, Recreation and Tourism Management. The College also offers outreach services available through the Joseph F. Sullivan Center; the National Dropout Prevention Center; and the Outdoor Laboratory. Collaboration within the college between academics and community outreach services prepares students to be professional leaders in health and recreation management. As with all programs at the University, students take course offerings from all colleges on campus to achieve the most complete education possible.

HEALTH SCIENCE

Bachelor of Science

The Department of Public Health Sciences prepares students for careers in the health field, one of the largest industries in the United States. It includes hospitals and other medical service providers, public health organizations, health insurance companies, health/medical related sales, health fitness organizations, and community and nonprofit health agencies.

Plans of study can be arranged in health promotion and education, health services administration, leadership for cardiovascular technology, and preprofessional health studies. Students in the Health Promotion and Education Concentration have the skills to assess, plan, communicate, implement, manage, and evaluate public health promotion programs. Students in the Preprofessional Health Studies Concentration obtain the coursework and experience necessary for acceptance into various graduate programs in clinical health professions. The Cardiovascular Imaging Leadership Concentration provides a core of health science classes, training in diagnostic cardiovascular sonography, and a leadership certificate. The Health Services Administration Concentration allows students to develop skills and competencies in health administration/management for entry-level careers or graduate study in this area. A minor in Business Administration is integral to the concentration. The department, in cooperation with the College of Architecture, Arts and Humanities, also offers a joint Bachelor of Science degree in Language and Education.

When space is available, students with fewer than 50 credit hours earned may apply to change majors into Health Science with a minimum cumulative grade-point average of 2.25. Students with 50 or more credit hours may apply for a change-of-major into Health Science when space is available based on the following restrictions:

- completion of the Health Science Mathematics and Statistics Requirements and the General Education Natural Science Requirement
- minimum cumulative grade-point average of 2.5

Additional information is available at www.hehd.clemson.edu/PublicHealth/index.htm.

CARDIOVASCULAR IMAGING LEADERSHIP CONCENTRATION

Freshman Year
First Semester
1 - BIOL 1050 General Biology I or
3 - BIOL 1040 General Biology I
2 - BIOL 1030 General Biology I
5 - BIOL 1100 Principles of Biology I
4 - CH 1010 General Chemistry
3 - HLTH 2020 Introduction to Public Health
3 - Social Science Requirement
14-15

Second Semester
3 - BIOL 1040 General Biology II and
1 - BIOL 1060 General Biology Lab. II or
5 - BIOL 1100 Principles of Biology II
4 - CH 1020 General Chemistry
3 - ENGL 1030 Accelerated Composition
3 - HLTH 2030 Overview of Health Care Systems
3 - Statistics Requirement
17-19

Sophomore Year
First Semester
4 - BIOL 2220 Human Anatomy and Phys. I
3 - CVT 2260 Intro. to Cardiovascular Sonography
3 - HLTH 2980 Human Health and Disease
3 - PHYS 2070 General Physics I
1 - PHYS 2090 General Physics I Laboratory
3 - Statistics Requirement
17

Second Semester
4 - BIOL 2230 Human Anatomy and Physiology II
3 - COMM 1500 Introduction to Human Comm. or
3 - COMM 2500 Public Speaking
3 - CVT 2250 Ultrasound Physics
3 - HEHD 4000 Intro. to Leadership Theories and Concepts
3 - HLTH 2400 Determinants of Health Behavior
16

Junior Year
First Semester
4 - CVT 3250 Echocardiography Principles
4 - CVT 3350 Vascular Sonography Principles
3 - HEHD 3800 Epidemiology
3 - Arts and Humanities (Literature) Requirement
14

Second Semester
4 - CVT 3260 Echocardiography Methods
4 - CVT 3360 Vascular Sonography Methods
3 - HEHD 4100 Leadership Behavior and Civil Engagement
3 - HLTH 4900 Research and Evaluation Strategies for Public Health
3 - Social Science Requirement
17

Summer
3 - CVT 4240 Introduction to Field Experience

Senior Year
First Semester
6 - CVT 4250 CVS Field Experience II
3 - HLTH 4180 CVT Professional Development
3 - Arts and Humanities (Non-Lit.) Requirement
12

Second Semester
6 - CVT 4260 CVS Field Experience III
3 - HEHD 4200 Leadership Appl. and Experience
3 - Health Requirement
12

122-125 Total Semester Hours

*See General Education Requirements. Six of these credits must also satisfy the Cross-Cultural Awareness and Science and Technology in Society Requirements.

**MATH 1020 or 1060

*STAT 3300 or 3090

*Any HLTH course not otherwise required.

Note: A minimum grade-point average of 2.0 is required for registration in each HLTH course.

HEALTH PROMOTION AND EDUCATION CONCENTRATION

Freshman Year
First Semester
3 - BIOL 1030 General Biology I and
1 - BIOL 1050 General Biology Lab. I or
5 - BIOL 1100 Principles of Biology I
3 - HEHD 4100 Leadership Behavior and Civil Engagement
3 - HLTH 2020 Introduction to Public Health
3 - Social Science Requirement
14-15

Second Semester
3 - BIOL 1040 General Biology II and
1 - BIOL 1060 General Biology Lab. II or
5 - BIOL 1100 Principles of Biology II
4 - CH 1020 General Chemistry
3 - ENGL 1030 Accelerated Composition
3 - HLTH 2030 Overview of Health Care Systems
3 - Statistics Requirement
17-19

Sophomore Year
First Semester
4 - BIOL 2220 Human Anatomy and Phys. I
3 - CVT 2260 Intro. to Cardiovascular Sonography
3 - HLTH 2980 Human Health and Disease
3 - PHYS 2070 General Physics I
1 - PHYS 2090 General Physics I Laboratory
3 - Statistics Requirement
17

Second Semester
4 - BIOL 2230 Human Anatomy and Physiology II
3 - COMM 1500 Introduction to Human Comm. or
3 - COMM 2500 Public Speaking
3 - CVT 2250 Ultrasound Physics
3 - HEHD 4000 Intro. to Leadership Theories and Concepts
3 - HLTH 2400 Determinants of Health Behavior
16

Junior Year
First Semester
4 - CH 1010 General Chemistry or
4 - CH 1050 Chemistry in Context I
3 - HLTH 2980 Human Health and Disease
3 - NUTR 2030 Principles of Human Nutrition
3 - Guided Requirement
3 - Statistics Requirement
16

Second Semester
4 - CH 1020 General Chemistry or
4 - CH 1060 Chemistry in Context II
3 - COMM 1500 Intro. to Human Comm. or
3 - COMM 2500 Public Speaking
3 - HLTH 2400 Determinants of Health Behavior
1 - HLTH 3980 Health Appraisal Skills
3 - PSYC 3400 Lifespan Developmental Psych.
14

114
Junior Year
First Semester
- BIOL 2220 Human Anatomy and Phys. I
- HLTH 3030 Public Health Communication
- HLTH 3400 Hlth. Promotion Program Planning
- HLTH 3800 Epidemiology
- Guided Requirement

Second Semester
- BIOL 2230 Human Anatomy and Phys. II
- HLTH 4190 Health Science Internship
- HLTH 4800 Community Health Promotion
- HLTH 4900 Research and Evaluation
- Guided Requirement

Senior Year
First Semester
- HLTH 4200 Health Science Internship
- Health Requirement
- Elective

Second Semester
- Arts and Humanities (Literature) Requirement
- Health Requirement
- Elective

Junior Year
First Semester
- ACCT 2010 Financial Accounting Concepts
- HLTH 2980 Human Health and Disease
- Guided Requirement or
- Elective
- Health Requirement
- Statistics Requirement

Second Semester
- COMM 1500 Intro. to Human Comm. or
- COMM 2500 Public Speaking
- HLTH 2400 Determinants of Health Behavior
- MGT 2010 Principles of Management
- Guided Requirement
- Social Science Requirement

Second Semester
- HLTH 4190 Health Science Internship
- Health Requirement
- Elective

Senior Year
First Semester
- FIN 3060 Corporation Finance
- HLTH 4200 Health Science Internship
- HLTH 4400 Managing Health Service Org.
- HLTH 4750 Principles of Health Care Operations Management and Research

Second Semester
- HLTH 4600 Health Information Systems
- HLTH 4780 Health Policy Ethics and Law
- HLTH 4790 Financial Management and Budgeting for Health Service Organizations
- Arts and Humanities (Non-Lit.) Requirement
- Guided Requirement

Second Semester
- HLTH 4900 Research and Evaluation
- Guided Requirement

Sophomore Year
First Semester
- BIOL 2220 Human Anatomy and Phys. I
- HLTH 2980 Human Health and Disease
- Guided Requirement
- Health Requirement
- Statistics Requirement

Second Semester
- BIOL 2230 Human Anatomy and Phys. II
- HLTH 4150 Intro. to Human Comm. or
- HLTH 2400 Determinants of Health Behavior
- Social Science Requirement

Sophomore Year
First Semester
- BIOL 2220 Human Anatomy and Phys. I
- HLTH 2980 Human Health and Disease
- Guided Requirement
- Health Requirement
- Statistics Requirement

Second Semester
- BIOL 2230 Human Anatomy and Phys. II
- HLTH 4150 Intro. to Human Comm. or
- HLTH 2400 Determinants of Health Behavior
- Social Science Requirement

Junior Year
First Semester
- HLTH 4900 Research and Evaluation

Second Semester
- HLTH 4900 Research and Evaluation
- Guided Requirement

Note: A minimum grade-point average of 2.0 is required for registration in each HLTH course.

PREPROFESSIONAL HEALTH STUDIES CONCENTRATION
Freshman Year
First Semester
- BIOL 1030 General Biology I and
- HLTH 2020 Introduction to Public Health
- Social Science Requirement

Second Semester
- BIOL 1030 General Biology II and
- HLTH 2020 Introduction to Public Health
- Social Science Requirement

Sophomore Year
First Semester
- BIOL 2220 Human Anatomy and Phys. I
- HLTH 2980 Human Health and Disease
- Guided Requirement
- Health Requirement
- Statistics Requirement

Second Semester
- BIOL 2230 Human Anatomy and Phys. II
- HLTH 2400 Determinants of Health Behavior
- Social Science Requirement

Junior Year
First Semester
- HLTH 4900 Research and Evaluation

Second Semester
- HLTH 4900 Research and Evaluation
- Guided Requirement

HEALTH SERVICES ADMINISTRATION CONCENTRATION
Freshman Year
First Semester
- ECON 2110 Principles of Microeconomics
- HLTH 2020 Introduction to Public Health
- Natural Science Requirement
- Social Science Requirement
- Elective

Second Semester
- ECON 2120 Principles of Macroeconomics
- ENGL 1030 Accelerated Composition
- HLTH 2030 Overview of Health Care Systems
- Guided Requirement

Sophomore Year
First Semester
- HLTH 2030 Overview of Health Care Systems
- HLTH 3800 Epidemiology
- Arts and Humanities (Non-Lit.) Requirement
- Mathematics Requirement

Second Semester
- HLTH 4190 Health Science Internship
- Health Science Internship
- Health Requirement
- Elective

Junior Year
First Semester
- HLTH 2980 Human Health and Disease
- Guided Requirement
- Elective

Second Semester
- HLTH 2400 Determinants of Health Behavior
- Social Science Requirement

Sophomore Year
First Semester
- HLTH 4200 Health Science Internship
- Health Science Internship
- Health Requirement

Second Semester
- HLTH 4190 Health Science Internship
- Health Science Internship
- Health Requirement

Junior Year
First Semester
- HLTH 4900 Research and Evaluation

Second Semester
- HLTH 4900 Research and Evaluation
- Guided Requirement

Note: A minimum grade-point average of 2.0 is required for registration in each HLTH course.

College of Health, Education and Human Development

115
Senior Year
First Semester
1 - HLTH 4200 Health Science Internship
3 - Arts and Humanities (Literature) Requirement
1 - Health Requirement
3 - Elective
14
Second Semester
3 - Guided Requirement
3 - Health Requirement
7 - Elective
13
120–123 Total Semester Hours
*See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society Requirements.
*MATH 1020 or 1060
*See advisor. Courses in Spanish are strongly recommended.
*Any HLTH course not otherwise required.
*PH 1010 or 1090
*Physician’s Assistant, premed, and premedicne students may also need BCHM 3010 and eight credit hours of organic chemistry. Some programs also require a course in microbiology.
*Internship must be completed in one or two semesters. Internship may be done fall, spring, or summer after completing HLTH 4190. Prior approval is required for summer internships. A grade-point average of 2.0 is required for registration.
Note: A minimum grade-point average of 2.0 is required for registration in each HLTH course.

LANGUAGE AND INTERNATIONAL HEALTH
Bachelor of Science
The Language and International Health program is administered by the College of Architecture, Arts and Humanities and the College of Health, Education and Human Development. See pages 68-69 for the curriculum.

NURSING
Bachelor of Science
The Bachelor of Science degree program in Nursing prepares students for professional nursing practice in a variety of settings, such as hospitals, industry, clinics, and public health agencies. During the first two years, emphasis is on liberal arts and basic science courses arranged to provide a foundation for the nursing major. Junior and senior courses emphasize the study of nursing. Clinical nursing experiences, guided by the Nursing faculty, involve acute and community-based settings. Students are responsible for their own transportation to clinical laboratory experiences, which may extend throughout the Upstate.

Throughout the clinical laboratory period, Nursing majors are required to carry current, valid student nurses’ professional liability insurance with minimum limits of liability of $1,000,000 per occurrence and $6,000,000 in aggregate. Documentation of such coverage must be provided to the Director of the School of Nursing. No student may participate in clinical learning activities without this insurance coverage.

To comply with clinical agency contract requirements and South Carolina law, students enrolled in nursing courses with a clinical laboratory must meet specific requirements listed in the School of Nursing Student Handbook at www.clemson.edu/health/nursing.

The School of Nursing programs are accredited by the CCNE (Commission on Collegiate Nursing Education), One Dupont Circle NW, Suite 530, Washington, DC 20036-1120.

Entrance Requirements
To facilitate admission of students who can achieve an adequate level in the program, admission is selective. Consideration is given to performance in secondary school and on the College Board Examination (SAT). Those seeking admission are advised to apply to the University early in the fall of the senior year in high school.

Transfer admission is competitive. Students are encouraged to apply early to the Office of Admissions. The University admits ten new transfer students to the Nursing major during the fall semester only. Potential students should have a minimum grade point average of 3.0 and completion of 30 semester hours of transferrable courses. Placement in the Nursing curriculum will be determined after credit evaluation is completed.

Students may change majors into Nursing based on approval of an Admissions Committee in the School of Nursing. Applications are accepted each year during January with a deadline of January 31. Decisions are made by February 28. Change-of-major students will have a start date of the following January into upper division (junior-level) nursing courses. Applicants should meet the following requirements prior to the semester of application: a minimum cumulative grade-point average of 2.75, completion of at least 60 total credit hours and 30 semester hours of required nursing prerequisites. Students are allowed to apply only twice. Information regarding the admission process to the Accelerated Second Degree nursing program can be found on the School of Nursing website.

Detailed information is available from the Academic Advising Center in 309 Edwards Hall or at www.clemson.edu/health/nursing.

Sophomore Year
First Semester
4 - BIOL 2220 Human Anatomy and Phys. I
4 - MICRO 2050 Introductory Microbiology or
4 - MICR 3050 General Microbiology
3 - NUTR 2050 Nutrition for Nursing Professionals
3 - Arts and Humanities (Literature) Requirement
1 - Elective
15
Second Semester
4 - BIOL 2230 Human Anatomy and Phys. II
3 - NURS 3200 Professionalism in Nursing
3 - NURS (HCG) 3330 Health Care Genetics
3 - Cross-Cultural Awareness Requirement
2 - Elective
15

Junior Year
First Semester
3 - ENGL 3040 Business Writing
3 - ENGL 3140 Technical Writing
3 - ENGL 3150 Scientific Writing and Comm.
3 - NURS 3040 Pathophysiology for Health Care Professionals
3 - NURS 3100 Health Assessment
4 - NURS 3120 Medical-Surgical I: Foundations of Nursing
3 - NURS 3400 Pharmacotherapeutic Nursing Interventions
16
Second Semester
7 - NURS 3030 Medical Surg. II: Nursing of Adults
3 - NURS 3050 Psychosocial Nursing
2 - NURS 3110 Health Promo. Across the Lifespan
2 - NURS 3230 Gerontology Nursing
3 - NURS 3300 Research in Nursing
17

Senior Year
First Semester
5 - NURS 4010 Mental Health Nursing
5 - NURS 4110 Nursing Care of Children
5 - NURS 4120 Nursing Care of Women and Their Families
15
Second Semester
5 - NURS 4030 Medical-Surgical III: Complex Nursing of Adults
6 - NURS 4100 Leadership Management and Nursing Care Practicum
5 - NURS 4140 Community Heath Nursing and Health Promotion or
4 - NURS 4150 Community Health Nursing
15 or 16
124 or 125 Total Semester Hours

Students scoring below the designated score on the CMPT must take MATH 1010 as a prerequisite for CH 1010 during this semester.

Students enrolled at the University Center of Greenville may substitute CPSC 1200.

See General Education Requirements.

If this requirement is satisfied by another course in the curriculum, elective hours must be taken to cover the credit hours.

Students enrolled at the University Center of Greenville will substitute NURS 4140 for NURS 3100 and 4150.