

Bachelor of Science Health Sciences – General Interest and Associate Degree Completion Options

INFORMATION

The Bachelor of Science in Health Sciences is designed for students who are interested in pursuing a health-related career. The program curriculum promotes the importance of culture and ethical considerations relevant to all aspects of health care practice.

The curriculum is designed to allow students the flexibility to plan a course of study that best suits their professional and educational needs. The five tracks offered are designed to help students prepare to enter a specific health care field, or to develop skills and knowledge that will prepare them to work in health care. Cleveland State's rigorous program is centered on excellent, caring faculty. The program is unique in that it offers advanced courses not usually offered in most undergraduate programs, including Advanced Research and Writing, Culture and Health Care, Functional Performance of Older Adults, Pathology, Gross Anatomy and Neuroscience.

CAREER OPPORTUNITIES

A Bachelor of Science in Health Sciences, in some health science fields, serves as a pre-professional preparation for the graduate degree required for working in a particular field (such as physical therapy, occupational therapy, podiatry, physician assistant, medicine, dental and others). General interest track Baccalaureate graduates can find immediate employment as a group home staff member, clinical research assistant, quality assurance staff, case manager, or activity director. The present and future employment outlook in most health science fields is excellent, with a growth rate much faster than the national average.

PROGRAMS

BACHELOR OF SCIENCE (B.S.) IN HEALTH SCIENCES:

General Interest Track: For students interested in health-related careers who are uncertain which profession they prefer or who would like to design their own course of study targeting their interests, such as pre-medical or pre-dental studies.

Associate Degree/Bachelor of Science

Completion Track: For students already holding associate degrees in health-related fields who wish to complete a B.S. in Health Sciences. Students design their own course of study (minimum 53 credit hours) in an area of emphasis with an advisor. An articulation agreement with Cuyahoga Community College allows associate degree recipients in more than 20 health care fields to seamlessly transfer courses that may be applied to the Health Sciences major, usually with an additional two years of study to complete all requirements.

Pre-Therapy Track: For students interested in pursuing careers in physical therapy or occupational therapy. Students in this track choose either a physical therapy or occupational therapy area of interest, taking pre-professional undergraduate courses that meet admission requirements for the graduate programs in Occupational Therapy or Physical Therapy at Cleveland State. See the pre-therapy option sheet for more information.

Pre-Physician Assistant Science Track: For students interested in pursuing Physician Assistant Program offered by the Master of Science in Health Sciences Program and Cuyahoga Community College. See the pre-physician assistant option sheet for more information.

BACHELOR OF SCIENCE (B.S.) IN HEALTH SCIENCES/ DOCTORATE OF PODIATRIC MEDICINE: Offered with the Ohio College of Podiatric Medicine (OCPM) and consisting of 3 years of pre-professional study at Cleveland State University. Qualified students then complete 4 years of study at the professional and clinical level at the OCPM to receive the degree of Doctor of Podiatric Medicine.

Admission to OCPM is competitive and is not guaranteed. Upon completion of the required course work during their first year of study at OCPM, students may apply for a B.S. in Health Sciences. For more information, see the Podiatric Medicine program sheet.

The Department of Health Sciences also offers a **Gerontological Studies Certificate** as well as a **Culture, Communication and Health Care Certificate**. In order to graduate with honors in Health Sciences, students must apply for acceptance into the upper Division Honors Program and complete courses in one of the Research, Clinical, or Cultural Competency tracks.

Engaged learning experiences are encouraged and include internships at many health care facilities or community agencies in Northeast Ohio or international experiences relevant to health care. All majors receive individual advising.

For more information, contact:

College of Science
Department of Health Sciences
Cleveland State University
2121 Euclid Avenue HS 101
Cleveland, OH 44115-2214
Phone: (216) 687-3567
E-mail: healthsci@csuohio.edu
Website:
<http://www.csuohio.edu/sciences/dept/healthsciences/>

Bachelor of Science

Health Sciences – General Interest/Associate Degree Completion Options

Requirements of the College of Science: A minimum of 128 credit hours is required for a Bachelor of Science (B.S.) degree, of which 42 semester credit hours must be earned in 300- and/or 400-level courses. Introduction to University Life (one credit hour) is required for all newly admitted freshmen (not required for transfer students).

General Education Requirements: All degree-seeking students are required to meet general education requirements. Students are responsible for ensuring that courses chosen satisfy these requirements and are encouraged to consult with their academic advisor. A comprehensive description of the requirements is available online at <http://www.csuohio.edu/academic/gened>.

Courses required for the B.S. in Health Sciences (credit hours in parentheses):

Students pursuing a B.S. in Health Sciences must earn grades of "C" or above in order for courses to count toward satisfying the requirements for the health sciences major.

A. Course requirements and recommendations for the B.S. in Health Sciences (all tracks):

Required Core Courses:

HSC 200 Introduction to Health Careers (3) (waived for Tri-C 2 + 2 students and not required for Pre-Podiatry track)

HSC 203 Medical Terminology (1)

HSC 305 Culture and Health Care (3)

MTH 147 Statistics (4) (*PSY 311 Behavioral Science Statistics (4) is the preferred statistics course for Pre-Therapy tracks*)

PHL 240 Health Care Ethics (3) (see advisor for acceptable substitutes)

Capstone Project (all tracks except Pre-Podiatry): Pre-PT and Pre-PA students must complete HSC 484 Advanced Research and Writing. All other tracks may select from HSC 484 and HSC 486 Career Experience Capstone plus CSC 321 Employment Strategies. Honors students may complete HSC 440H or 441H.

B. Area of Emphasis Requirements (minimum 53 credit hours): Students in the General Interest and Associate Degree/Bachelor of Science Completion tracks are required to establish an area of emphasis, which will vary depending on the area of interest the student wishes to pursue. Students choose an area of emphasis with the help of the Health Science adviser, who will design a program of study from a choice of minors, certificate programs and/or additional HSC courses. Advising regarding the specific minors/certificates requirements should be obtained from the departments offering the minor/certificate. The area of emphasis focusing upon Health and Wellness, Community Health, and Human Factors are recommended. Suggestions for area of emphasis coursework include:

Minors: Accounting, Anthropology, Biology, Chemistry, Computer and Information Science, Environmental Science, Environmental Studies, Finance, Gerontology Studies, Communications, Information Systems, Management and Labor Relations, Marketing, Mathematics, Operations Management and Business Statistics, Physics, Psychology, Sociology, Statistics, Urban Services Administration, and/or Urban Studies

Certificates: Bioethics; Culture, Communication and Health Care; and/or Gerontological Studies

Health Sciences Electives:

HSC 180 Intro to Gerontology (3)

HSC 201 Culture and Human Sexuality (3)

HSC 220 Infant Health and Development (4)

HSC 344 Social Issue in Healthcare (3)

HSC 345 Child Abuse and Neglect (3)

HSC 346 Women's Health (3)

HSC 381 Pathology (4)

HSC 393 Selected Topics (1-6)

HSC 407 Basic Pharmacotherapeutics (2-3)

HSC 408 Clinical Hematology (4)

HSC 422 Physiology/Clinical Sciences (4)

HSC 426 Functional Perf of Older Adults (3)

HSC 438H Honors Research I (2)

HSC 439H Honors Research II (2)

HSC 467 Practicum in Gerontology (1)

HSC 475/457 Human Gross Anatomy/Lab (6)

HSC 476/478 Neuroscience Systems/Lab (5)

HSC 483 Writing in Health Sciences (2)

HSC 484 Advanced Research and Writing (5)

Additional Recommended Electives:

ENG 301 Advanced Expository Writing (4)

CSC 121 Career Orientation (1)

CSC 321 Employment Strategies (1)

June 2009