

# HEALTH SCIENCE (BS)

## Bachelor of Science

A challenging career in the health sciences rewards those with a passion for healthcare. This interdisciplinary major provides highly motivated students with foundational knowledge to practice in the ever changing world of healthcare. The curriculum will prepare students to practice as culturally competent, interdisciplinary, evidence-based practitioners. In addition, students may take courses in their respective concentration area to prepare them for graduate programs in healthcare. Career/graduate school options include pharmacy, occupational therapy, physician's assistant, chiropractic, dentistry, medicine, optometry, community health, and other medical programs. A clinical/field experience or internship in one of the health care professions is highly recommended for all health science students.

## Program Requirements

Code	Title	Credits
<b>Required Courses</b>		
HLS-1000	Introduction to Healthcare	2
HLS-1100	Medical Terminology	2
HLS-2000	Healthcare Systems and Informatics	4
HLS-2020	Culturally Competent and Interprofessional Healthcare	4
HLS-2660	Anatomy and Physiology I	4
HLS-2670	Anatomy and Physiology II	4
HLS-3000	Epidemiology	4
HLS-3010	Healthcare Ethics	4
HLS-3020	Evidence-Based Healthcare	4
HLS-4000	Research Methods and Biostatistics	4
MTH-2100	General Statistics	4
<b>Total Credits</b>		<b>40</b>

## Undergraduate Degree Requirements

A student who graduates from Aurora University with a baccalaureate degree will have met the following requirements:

- Completion of all requirements for an approved major (with no grades lower than "C").
- Overall completion of at least 120 semester hours of coursework with a GPA of at least 2.0 on a 4.0 scale (a course may be utilized only once in application toward a degree requirement, unless otherwise noted in the academic regulations). The 120 semester hours of coursework must include:
  - At least 52 semester hours completed at a senior college.
  - Residency Requirement - At least 30 semester hours completed at Aurora University, including the last 24 semester hours in the degree, and including at least 18 semester hours in the major. (Portfolio assessment credit, life and vocational experience credit, off-campus experience credit, examination credit, participation credit, and block credit, shall not count toward the residency requirement).
  - Upper-Division Requirement - A minimum of 30 semester hours numbered 3000 or above. Of these 30 semester hours, 15 semester hours must lie within the major and 15 semester hours must be completed at Aurora University.

- Completion of all General Education requirements (with no grades lower than "C"), as follows:
  - Quantitative and Formal Reasoning competency requirement (<https://catalog.aurora.edu/regulations-policy-catalog/academic-regulations-procedures/general-education/#satisfy-quantitative-reasoning-requirement>)
  - ENG-1000 Introduction to Academic Writing
  - IDS-1200 Discover What Matters or IDS-3040 Global Justice
  - IDS-1150 First Year Experience - *Not required for Transfer or AU Online students*)
  - Satisfactory participation in the junior-year mentoring and assessment process designed to guide students to successful completion of their degree and to encourage planning for next steps beyond graduation. (IDS-3500 Junior Mentoring Program I and IDS-3550 Junior Mentoring Program II - *Not required for ADC or AU Online students but may be designated electives for AU Online students admitted with fewer than 15 hours of transfer credit.*)
  - Distribution Requirements  
*Students will complete one approved course<sup>1</sup> from each of the following categories:*
    - Artistic Literacy
    - Cultural Literacy
    - Human Inquiry
    - Scientific Inquiry

*In addition to the above, ADC and Online students will also complete one approved course<sup>1</sup> from the following category:*

- Discovery and Reflection

<sup>1</sup> Only courses that are approved to meet the distribution requirement can be used toward this requirement. See the list of approved courses (<https://catalog.aurora.edu/regulations-policy-catalog/academic-regulations-procedures/general-education/#approved-courses-gen-ed-distribution>) for available options. Courses taken to meet distribution requirements are 4 semester hours apiece, with the following exceptions:

- An approved transfer course of at least 2.50 semester hours can be used to satisfy a distribution requirement.
- Courses with co-requisite laboratory components may be used to satisfy a distribution requirement, provided that the student successfully complete both the three-credit-hour course and the single-credit-hour lab component.

## Learning Outcomes

- Demonstrate ethical, interprofessional, and culturally sensitive behaviors within healthcare settings.
  - Students will understand their own values and beliefs, and those of others, in order to work effectively and successfully with individuals from different cultural backgrounds and from other healthcare fields.
  - Students will demonstrate the capability to critically examine and report on central issues in clinical ethics.
- Locate, critically analyze, and apply data to support evidence-based healthcare.

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- i. Students will learn clinical reasoning and the process of analyzing data for best practices in health care.
  - ii. Students will analyze population patterns of health-related risk factors and critically evaluate findings to inform change.
- c. Communicate effectively with lay persons and healthcare professionals.
- i. Students will be able to define, pronounce and interpret medical terminology for use with other medical professionals.
  - ii. Students will develop appropriate communication strategies when receiving information and responding to patients with sociocultural openness.
- d. Understand healthcare and healthcare systems in the United States.
- i. Students will be able to explain the various careers in healthcare and their requirements for licensure and certification.
  - ii. Students will articulate an understanding of the various healthcare systems, their safety and quality concerns, and their information systems.
- e. Comprehend anatomical and physiological principles and foundations of knowledge.