

# HEALTH SCIENCES, BS

## Curriculum

The Bachelor of Science in Health Sciences degree requires 45 units total, including the major, concentration, elective certificate, writing and foundational disciplines requirements, and elective courses.

Students complete eight core courses and choose a major concentration in Strategic Management to focus on administration, Public Health to focus on health policy and social issues, or Biology for Health Sciences to enhance existing allied health positions. Health Sciences students also select an elective certificate comprised of four courses from outside of the major.

## Core and Major Concentrations

Course	Title
<b>Core Courses</b>	
HLTH_SCI 250-DL	Healthcare Principles
HLTH_SCI 315-DL	Communication in Health Science Professions
HLTH_SCI 317-DL	Culturally Responsive Healthcare
HLTH_SCI 355-DL	Managing Financial Resources in Healthcare Organizations
HLTH_SCI 357-DL	Healthcare Quality Management
HLTH_SCI 365-DL	Data Management and Analytics in Healthcare
HLTH_SCI 367-DL	Research Methods in Health Sciences
HLTH_SCI 395-DL	Health Sciences Capstone
<b>Major Concentrations</b>	
<i>Strategic Management</i>	
ORG_BEH 307-DL	Leadership Principles
ORG_BEH 310-DL	Organizational Change
ORG_BEH 367-DL	Strategic Planning and Management
ORG_BEH 368-DL	Project Management
<i>Public Health</i>	
PUB_HLTH 341-DL	Public Health Principles and Practice
PUB_HLTH 342-DL	Epidemiology and Biostatistics
PUB_HLTH 343-DL	Healthcare Disparities, Inequities, and Social Determinants of Health
PUB_HLTH 344-DL	Health Program Development and Evaluation
<i>Biology for Health Sciences</i>	
BIOL_SCI 170-DL	Concepts of Biology (PUB_Health 341-DL Public Health Principles and Practice)
BIOL_SCI 217-DL	Introduction to Human Physiology
BIOL_SCI 313-DL	Human Anatomy
BIOL_SCI 312-DL	The Evolutionary Biology of Human Anatomy, Health, and Disease

## Elective Certificates

Elective certificates provide students with the opportunity to build skills in a wide range of areas to meet career objectives and earn a stand-alone credential to demonstrate expertise in the professional arena.

### Elective Certificates - choose one

Artificial Intelligence (<https://catalogs.northwestern.edu/sps/certificates/post-baccalaureate/artificial-intelligence/artificial-intelligence-certificate/>)

Business Essentials (<https://catalogs.northwestern.edu/sps/certificates/post-baccalaureate/business-essentials/business-essentials-certificate/>)

Corporate Communication and Branding (<https://catalogs.northwestern.edu/sps/certificates/post-baccalaureate/corporate-communication/corporate-communication-certificate/>)

Data Science (<https://catalogs.northwestern.edu/sps/certificates/post-baccalaureate/data-science/data-science-certificate/>)

Human Resources (<https://catalogs.northwestern.edu/sps/certificates/post-baccalaureate/human-resources/human-resources-certificate/>)

Law and Policy (<https://catalogs.northwestern.edu/sps/certificates/post-baccalaureate/law-policy/law-policy-certificate/>)

Leadership (<https://catalogs.northwestern.edu/sps/certificates/post-baccalaureate/leadership/leadership-certificate/>)

Programming (<https://catalogs.northwestern.edu/sps/certificates/post-baccalaureate/programming/programming-certificate/>)

Research and Analytics (<https://catalogs.northwestern.edu/sps/certificates/post-baccalaureate/research-analytics/research-analytics-certificate/>)

Social Justice (<https://catalogs.northwestern.edu/sps/certificates/post-baccalaureate/social-justice/social-justice-certificate/>)

Strategic Communication (<https://catalogs.northwestern.edu/sps/certificates/post-baccalaureate/strategic-communication/strategic-communication-certificate/>)

## Degree Requirements

The Bachelor of Science (BS) degree is conferred by the School of Professional Studies. To earn the Bachelor of Science degree, students must complete a total of 45 units\*, including a writing requirement, a foundational disciplines requirement, the major core, concentration, and elective certificate requirements, and electives. Minors are not available for the Bachelor of Science degrees.

\*Each course carries 1 unit of credit unless otherwise noted in academic catalog.

Courses	Units Earned
Writing Requirement: English 111 and 205	2
Humanities	4
Scientific Inquiry and Quantitative Reasoning	4
Social Sciences	4
Major Requirements	8
Major Concentration	4
Elective Certificate	4
Electives	15
<b>Total</b>	<b>45</b>

## About the Writing Requirement

The writing requirement ensures that students have the skills necessary to meet the rigorous writing demands of subsequent SPS courses in all majors, degrees, and disciplines. Expository writing courses — ENGLISH 111 Writing Seminar II and ENGLISH 205 Intermediate Composition — provide the tools to meet the demands of advanced academic writing. Completion of ENGLISH 111 Writing Seminar II and ENGLISH 205 Intermediate Composition with a grade of C or higher satisfies the writing requirement in all SPS bachelor's degree programs.

Writing requirement courses may not be audited or taken on a pass/no credit basis. Performance-Based Admission students are required to complete ENGLISH 111 and ENGLISH 205 as two of their first four courses.

### **Writing Requirement Appeals**

Students who have been admitted into the degree program as transfer admits may appeal the writing requirement. The writing requirement appeal is reserved for students who can demonstrate the necessary skills for writing university-level research and analytical papers by submitting previous college research papers written within the last three to five years. The papers submitted for the appeal will be evaluated for standards of good expository writing, including: a fully developed thesis; sound logic and adequate evidence in support of the thesis; effective organization, coherent structure, and an overall unity; correct grammar, punctuation, and spelling. A successful appeal does not result in credit for the writing requirement courses; the requirement for ENGLISH 111 and 205 is waived. Students must complete other courses in place of the writing requirement that meet the curriculum requirements of their program. Performance-Based Admission students may not appeal the writing requirement. To appeal the writing requirement, see instructions in the Undergraduate Academic Policies and Procedures (<https://catalogs.northwestern.edu/sps/undergraduate-academic-policies-procedures/>).

### **About the Foundational Disciplines Requirement**

Students complete coursework in three foundational disciplines—humanities, scientific inquiry and quantitative reasoning, and social sciences—to obtain broad experience in the liberal arts. Included in the foundational disciplines requirement are two courses that apply perspectives on power, justice, and equity: one course focused within the United States and one course focused globally. A philosophy course on professional ethics is required for one of the four humanities courses.

Students in Bachelor of Science degrees select from online courses in the humanities, scientific inquiry and quantitative reasoning, and social sciences areas that satisfy the foundational disciplines requirement, including the two U.S. and global perspectives courses and one business ethics philosophy course (PHIL 264 or PHIL 364).