

# HEALTH SCIENCE (BS)

## General Undergraduate Admission Requirements

All applicants must meet the general admission requirements for Concordia University Chicago undergraduate programs as published in the Concordia University Chicago academic catalog (<http://catalog.cuchicago.edu/graduate/graduate-admission-student-services/>).

New students are accepted into undergraduate degree-seeking programs for online (ADP) and on-campus (Traditional) study in the fall and spring semesters. If you have any questions please work with your admissions advisors.

## University Requirement

Code	Title	Hours
COL-1995	Vocation and College Success (Freshman only, transfer students are exempt)	1
<b>Theology University Requirements ( 6 hours)</b>		
Biblical Studies Course (Select one)		3
THY-1100	The Bible (B)	
THY-2010	Introduction to the Old Testament (B)	
THY-3105	Introduction to the New Testament (B)	
Christian Doctrine Course (Select one)		3
THY-1210	Introduction to Christianity (S)	
THY-2500	Martin Luther's Small and Large Catechisms (S)	

## General Education Requirements Communication (9 Hours)

Code	Title	Hours
ENG-1100	English Composition <sup>2</sup>	3
COM-1100	Speech Communication	3
ENG-2000	Writing About Literature <sup>2</sup>	3

<sup>2</sup> Must be completed with a grade of C or higher and not under the Pass/Fail option.

## Humanities and Fine Arts (9 Hours)

Code	Title	Hours
<b>Humanities</b>		
Select one of the following:		3
ASL-1100	American Sign Language I	
ASL-1200	American Sign Language II	
ENG-2200	Non-Western Literature	
ENG-2210	Society and Literature	
ENG-2220	U.S. Latina/o Literature(s)	
ENG-2300	Greek & Roman Mythology	
ENG-2400	African American Literature	
ENG-2500	Classical World Literature	
ENG-2600	Modern World Literature	
HIS-1110	Survey of Early Modern Europe, 1350-1815	
GER-1000	German for Reading I	
GER-1100	German for Reading II	

GRE-2000	Greek I
GRE-2100	Greek II
HEB-2000	Hebrew I
HEB-2100	Hebrew II
HIS-1120	Survey of Modern Europe Since 1815
HIS-1315	Survey of World History to 1350
HIS-1325	Survey of the World Since 1350
HIS-1200	History of the American People to 1877
HIS-1250	History of the American People since 1877
HIS-2300	U.S. Women's History
HIS-2500	African American History
HIS-2600	Hispanic and Latino American History
HIS-2700	Ancient Greek and Roman Civilizations
HIS-2800	A History of Illinois
LAT-1000	Latin I
LAT-1100	Latin II
PHI-2010	Primer in Philosophy
PHI-2110	Introduction to the Philosophy of Religion
PHI-2210	Introduction to Logic
PHI-2310	Social and Political Philosophy
SPA-1111	Elementary Spanish I
SPA-1112	Elementary Spanish II
SPA-2113	Intermediate Spanish I
SPA-2114	Intermediate Spanish II

### Fine Arts

Select one of the following courses:		3
ART-1100	Introduction to the Visual Arts	
ART-1210	Two-Dimensional Basic Studio	
ART-1310	Three-Dimensional Basic Studio	
ART-2050	Western Art: Pre-History through Renaissance	
ART-2150	Western Art: Post Renaissance through Contemporary	
ART-2200	Non-Western Art (+)	
COM-2200	Introduction to Film Studies	
COM-2500	Global Documentary	
MUS-1503	Exploration of Music	
MUS-2203	Survey of Western Music	
MUS-2243	Music of World Cultures	
MUS-2253	History of Jazz	
THR-1100	Introduction to Theater	

Select one of the following Humanities or Fine Arts from the following list:		3
ART-1100	Introduction to the Visual Arts	
ART-1210	Two-Dimensional Basic Studio	
ART-1310	Three-Dimensional Basic Studio	
ART-2050	Western Art: Pre-History through Renaissance	
ART-2150	Western Art: Post Renaissance through Contemporary	
ART-2200	Non-Western Art (+)	
ASL-1100	American Sign Language I	
ASL-1200	American Sign Language II	

COM-2200	Introduction to Film Studies
COM-2500	Global Documentary
ENG-2200	Non-Western Literature
ENG-2210	Society and Literature
ENG-2220	U.S. Latina/o Literature(s)
ENG-2300	Greek & Roman Mythology
ENG-2400	African American Literature
ENG-2500	Classical World Literature
ENG-2600	Modern World Literature
GER-1000	German for Reading I
GER-1100	German for Reading II
GRE-2000	Greek I
GRE-2100	Greek II
HEB-2000	Hebrew I
HEB-2100	Hebrew II
HIS-1110	Survey of Early Modern Europe, 1350-1815
HIS-1120	Survey of Modern Europe Since 1815
HIS-1200	History of the American People to 1877
HIS-1250	History of the American People since 1877
HIS-1315	Survey of World History to 1350
HIS-1325	Survey of the World Since 1350
HIS-2300	U.S. Women's History
HIS-2500	African American History
HIS-2600	Hispanic and Latino American History
HIS-2700	Ancient Greek and Roman Civilizations
HIS-2800	A History of Illinois
HUM-1995	Arts and Ideas
IDS-1050	Intro to American Cultural Studies
LAT-1000	Latin I
LAT-1100	Latin II
PHI-2010	Primer in Philosophy
PHI-2110	Introduction to the Philosophy of Religion
PHI-2210	Introduction to Logic
PHI-2310	Social and Political Philosophy
MUS-1503	Exploration of Music
MUS-2203	Survey of Western Music
MUS-2243	Music of World Cultures
MUS-2253	History of Jazz
SPA-1111	Elementary Spanish I
SPA-1112	Elementary Spanish II
SPA-2113	Intermediate Spanish I
SPA-2114	Intermediate Spanish II
THR-1100	Introduction to Theater

### Social/Behavioral Sciences (9 Hours)

Code	Title	Hours
Select three courses with different prefixes from the following: 9		
ATH-2020	Introduction to Cultural Anthropology	
ECO-2400	Foundations of Economics	
GEO-1100	Geography of North America	
GEO-1200	World Geography: Culture Patterns	
GEO-1300	The Developing World	

IDS-1100	Introduction to Global Cultural Studies
IDS-1200	Engaging Diversity: U.S. Perspectives
POS-1100	American Government and Politics
POS-2200	Social and Political Philosophy
POS-2300	International Relations
POS-2350	Introduction to Comparative Politics
PSY-1000	General Psychology
PSY-1502	The Mind and the Brain
PSY-2100	Developmental Psychology: Life Span
PSY-2125	Child and Adolescent Psychology
PSY-4151	Social Psychology
SBS-1995	People and Society (Special Topics)
SOC-2010	Introduction to Sociology
SOC-4420	Marriage and the Family
SOC-4425	Sociology of Gender/Sexualities
SOC-4610	Race, Ethnicity, & Racisms in the U.S.
SOC-4620	Social Inequality: Class, Status and Power

### Physical and Life Sciences (7-8 Hours) One class taken must include a lab, classes with an \* include a lab

Code	Title	Hours
<b>Physical Science</b>		
Select one class <sup>1</sup>		4
EAS-1105	Elements of Earth Science	
CHE-1110	Consumer Chemistry	
CHE-2000	Chemistry in the World Today	
CHE-2100	Health Science Applications in Chemistry	
CHE-2200	Fundamentals of Chemistry	
NSCI-1110	Concepts in Chemistry and Biology	
NSCI-1120	Concepts in Physics and Earth Science	
NSCI-1970	Energy and Our Environment (*)	
NSCI-1981	Introduction to Sustainability (*)	
<b>Life Science</b>		
Select one of the following: <sup>1</sup>		3-4
BIO-1201	Biology in the World Today	
BIO-1500	Medical Terminology	
BIO-2500	Fundamentals of Microbiology (*)	
NSCI-1110	Concepts in Chemistry and Biology (*)	
NSCI-1970	Energy and Our Environment (*)	
NSCI-1981	Introduction to Sustainability (*)	

<sup>1</sup> Either of the Interdisciplinary Natural Science courses (NSCI-1970 Energy and Our Environment or NSCI-1981 Introduction to Sustainability) can be used as a Life Science or a Physical Science course.

Any course with a lab will fulfill the lab requirement; the lab portion doesn't have to be part of a 3- or 4- credit course. A one credit lab by itself can fulfill the lab requirement.

### Mathematics (3 Hours)

Code	Title	Hours
Select one of the following: <sup>1</sup> 3		
MAT-1550	Finite Mathematics	
MAT-1805	College Algebra	

MAT-1820	Pre-Calculus
MAT-2000	Statistics
MAT-2100	Discrete Mathematics
MAT-2400	Calculus for Business and Life Sciences
MAT-2500	Calculus I
MAT-2600	Calculus II
MAT-3100	Calculus III

**Total Hours** 3

<sup>1</sup> Or any MAT above MAT-1550 Finite Mathematics.

## Major Requirements

Code	Title	Hours
<b>Required Courses</b>		
PES-1010	Fitness and Wellness	1
PES-1119	Weight Training and Cardiovascular Activities	2
BIO-1500	Medical Terminology	3
BIO-2011	General Biology I	4
BIO-2111	Anatomy and Physiology I	4
BIO-2112	Anatomy and Physiology II	4
CHE-2211	General Chemistry I	4
PHY-2121	Elementary Physics I	4
MAT-1820	Pre-Calculus	3
PSY-2310	Statistics for the Behavioral Science	3
PES-3660	Kinesiology	3
PES-3990	Palpation Anatomy	3
PES-4101	General Nutrition	3
PES-4200	Fitness Testing and Exercise Prescription	3
PES-4420	Physiology of Exercise	3
Only 3 credits for PES-4980 needed for this major		
PES-4980	Practicum: Health and Exercise Science	3
PES-4990	Applied Research in Exercise and Health Science	3
Select one of the following:		
MGT-2001	Leadership-centered Management	3
MKT-2101	21st Century Concepts of Marketing	3
<b>Electives</b>		
Select five hours from the following:		
PES-1121	First Aid Safety and Injury Prevention	5
PES-3705	Prevention and Care of Athletic Injuries	
PES-4110	Fitness Activities and Technology	
PES-4123	Exercise and Sport Nutrition	
PES-4310	Drug Education	
PES-4410	Biomechanics	
PES-4431	Physical Growth/Motor Development	
PES-4740	Measurement and Evaluation of Human Performance	
PES-4950	Independent Study in Physical Education	
<b>Total Hours</b>		<b>61</b>

## Graduation Requirements

Students in the College of Health, Science and Technology or The College of Theology, Arts and Humanities must meet all University requirements found in the Academic Information section of this catalog. Specific requirements for these Colleges include the following:

- A minimum cumulative GPA of 2.00 for all coursework completed at CUC
- A minimum GPA of 2.00 for all courses taken in the major at CUC
- A minimum grade of C for all courses taken in a major at CUC
- The Department of Natural Sciences requires a minimum grade of C for courses within the major that are not pre-requisites for other courses. For courses that are pre-requisites, the C minimum remains unless superseded by admission grade requirements for specific programs, e.g., nursing at Oak Point (formerly Resurrection) University, microscopy at Hooke College, medicine/dentistry/ pharmacy at LECOM, etc.).
- The following courses may not be taken on the Pass/Fail grade option:

Code	Title	Hours
ENG-0100	College Writing	3
ENG-1100	English Composition	3
ENG-2000	Writing About Literature	3
MAT-0100	Fundamentals of Math	3
MAT-0110	Advanced Intermediate Algebra	3
Any course in a major at CUC		