

BACHELOR OF SCIENCE IN HUMAN BIOLOGY



Core Course Requirement (26 credits)		Credits
BIOL-1000	INTRODUCTION TO BIOLOGY	4.0
BIOL-3100	MICROBIOLOGY	4.0
BIOL-3200	CELL BIOLOGY	4.0
BIOL-3250	CURRENT TOPICS IN BIOLOGY	2.0
BIOL-3300	BIOCHEMISTRY	4.0
BIOL-4100	DEVELOPMENTAL BIOLOGY	4.0
BIOL-4200	GENETICS	4.0
Total Credit Hours:		26.0
Foundational Science Requirements (28 Credits)		
MTH-1010	PRECALCULUS	4.0
CHE-1100	GENERAL CHEMISTRY 1	4.0
CHE-1200	GENERAL CHEMISTRY 2	4.0
CHE-2100	ORGANIC CHEMISTRY 1	4.0
CHE-2200	ORGANIC CHEMISTRY 2	4.0
PHY-1100	GENERAL PHYSICS 1: FUNDAMENTALS OF PHYSICS	4.0
PHY-1200	GENERAL PHYSICS 2: ELECTRICITY AND MAGNETISM	4.0
Total Credit Hours:		28.0
Health Professionals Core Courses		
Choose 12 credits from the following list.		
COM-3010	COMMUNICATION FOR EFFECTIVE HEALTH PROFESSIONALS	3.0
HIS-3150	HISTORICAL AND CONTEMPORARY ISSUES IN HEALTH CARE	3.0
HUM-4002	CRITICAL ANALYSIS OF BIOETHICAL ISSUES-WRITING INTENSIVE	3.0
PHIL-3000	EPISTEMOLOGY OF HEALTH	3.0
PSY-3100	ABNORMAL PSYCHOLOGY	3.0
PSY-3300	HEALTH PSYCHOLOGY	3.0
Total Credit Hours:		12.0
ADDITIONAL PROGRAM REQUIREMENT		
MED-1000	MEDICAL TERMINOLOGY	1.0
Total Credit Hours:		1.0



Elective Course Requirements		Credits
Choose either BIOL-2100 and BIOL-2200 or BIOL-2150 and BIOL-2250		
Choose either BIOL-4000 or BIOL-4301		

BIOL-2100/BIOL 2200	Choose either: HUMAN ANATOMY OR HUMAN PHYSIOLOGY	4.0
BIOL-2150/BIOL 2250	Choose either: ANATOMY AND PHYSIOLOGY 1 OR ANATOMY AND PHYSIOLOGY 2	4.0
BIOL-4000/BIOL 4301	Choose either: CAPSTONE PROJECT OR DIRECTED RESEARCH	2.0
Total Credit Hours:		10.0

GENERAL EDUCATION REQUIREMENT* (30 Credits)		
English/Communication		6.0
Natural Science/Math		4.0
Humanities		6.0
Social Sciences		6.0

Open General Education Elective (7-8 credits to reach a total of 30 General Education requirement credits)		
Any General Education classes not used to fulfill another requirement.		
SOC-1001	INTRODUCTION TO SOCIOLOGY	3.0
SOC-2200	SOCIAL DETERMINANTS OF HEALTH	3.0
PSY-1001	GENERAL PSYCHOLOGY	3.0
PSY-2200	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	3.0
PHIL-1100	BIOETHICS	3.0
HUM-2250	CULTURE, HEALTH AND HEALING TRADITIONS	3.0
ENG-1001	ENGLISH COMPOSITION	3.0
COM-1100	INTRODUCTION TO COMMUNICATION IN A DIGITAL WORLD	3.0
MTH-1100	STATISTICS	4.0
BIOL-2300	NUTRITIONAL BIOCHEMISTRY AND FOUNDATIONS	3.0
BIOL-4301	DIRECTED RESEARCH	2.0
Total Credit Hours:		30.0

ADDITIONAL REQUIRED CREDITS		
Complete 13 additional undergraduate credits to meet total of 120 total credits for degree.		
Total Credit Hours:		13.0

TOTAL CREDIT HOURS:	120.0
----------------------------	--------------

Note: Courses subject to change. Please visit Northwestern Health Sciences University's website for latest course information: nwhealth.edu