



PROGRAM REQUIREMENTS - BACHELOR OF SCIENCE IN HEALTH CARE SCIENCE
Pre-Professional Option

<u>General Education Course Requirements</u>	<u>Credits</u>
ENGL 131 & 141 Rhetoric and Writing I & II (<i>Complete Competency Exam after ENGL 141</i>)	6
Humanities Electives (<i>two—see LAS list</i>)	6
PSY 100 General Psychology	4
PSY 210 Intro to Psychology Statistics	4
SOC 111 Introduction to Sociology	4
General Education Elective	<u>3</u>
	27
 <u>Health Science Prerequisites</u>	
BIOL 121 General Biology II (<i>spring only</i>)	4
CHEM 103 & 106 General Chemistry I & II (<i>Pre-reqs 1 yr HS CHEM & 2yrs HS Math</i>)	10
HSCI 102 Personal Fitness and Wellness	3
MATH 104 College Algebra or higher math class (<i>Pre-req score 12+ on Algebra Diagnostic Exam</i>)	3
PES 101, 115, 102, 215 Physics for Life Sciences I & II plus labs (<i>Pre-req MATH 104</i>)	<u>10</u>
	30
 <u>Health Science Core Requirements</u>	
HSCI 401 Health Science Research (<i>Pre-req PSY 210, Jr/Sr level, fall & summer only</i>)	3
HSCI 420 Health Behavior Change (<i>fall & summer only</i>)	3
HSCI 452 Health Teaching	3
HSCI 463 Culture and Health (<i>Soph level, spring & summer only</i>)	<u>3</u>
	12
 <u>Pre-Professional Track Option Requirements</u>	
BIOL 321 Human Physiology (<i>Pre-reqs BIOL 101, CHEM 103, spring only</i>)	4
BIOL 330 Exercise Physiology (<i>Pre-reqs BIOL 321, 435, CHEM 103, fall only</i>)	3
BIOL 435 Human Anatomy (<i>Pre-reqs BIOL 101, CHEM 103, fall only</i>)	4
BIOL 455 Biomechanics/Kinesiology (<i>Pre-reqs BIOL 321, 435, PES 101, spring only</i>)	3
CHEM 330 Organic Chemistry (<i>Pre-req CHEM 106 w/C or better grade, Highly Recommended, fall only</i>)	3
CHEM 483 General Biochemistry (<i>Pre-req CHEM 330, Highly Recommended, fall/spring</i>)	3
HSCI 201 Intro to Sports Health and Wellness Promotion (<i>spring only</i>)	3
HSCI 207 Nutrition for Health Science (<i>Pre-req CHEM 103, can be taken during Interim</i>)	3
HSCI 4—Health Science Elective (<i>any course within HSCI above 300 level</i>)	3
HSCI 459 Concepts of Health and Disease (<i>Soph level, spring only</i>)	3
HSCI 461 Sports Injury and Prevention (<i>Pre-reqs BIOL 321 & 435, spring only</i>)	3
HSCI 462 Internship in Sports Health	4
HSCI 467 Health Assessment (<i>spring only</i>)	3
HSCI 495 Exercise Testing and Prescription (<i>Pre-reqs BIOL 321,330,435, fall only</i>)	3
PSY 328 Abnormal Psychology (<i>Pre-req PSY 100, Highly Recommended</i>)	3
PSY 362 Developmental Psychology (<i>Pre-req PSY 100, Highly Recommended</i>)	<u>3</u>
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TOTAL PROGRAM CREDITS = 120

**UNIVERSITY OF COLORADO AT COLORADO SPRINGS
PROGRAM REQUIREMENTS FOR
BETH-EL COLLEGE OF NURSING & HEALTH SCIENCES**

**MODEL DEGREE PLAN - BACHELOR OF SCIENCE IN HEALTH CARE SCIENCE
*Pre-Professional Option***

<u>First Year</u>	<u>Credits</u>
ENGL 131 Rhetoric and Writing I (<i>Pre-req ACT English score 19 or SAT Verbal 450</i>)	3
General Education Elective	3
MATH 104 College Algebra (<i>Pre-req score 12+ on Algebra Diagnostic Exam</i>)	3
PSY 100 General Psychology	4
BIOL 121 General Biology II (<i>spring only</i>)	4
ENGL 141 Rhetoric and Writing II (<i>Pre-req ENGL 131 or 29+ on ACT English or 650+ SAT Verbal</i>)	3
HSCI 102 Personal Fitness and Wellness	3
HSCI 201 Intro to Sports Health and Wellness Promotion (<i>spring only</i>)	3
Humanities Elective (<i>see LAS list</i>)	<u>3</u>
	29
 <u>Second Year</u>	
CHEM 103 General Chemistry I (<i>Pre-req 1 yr HS CHEM & 2 yrs HS MATH</i>)	5
PES 101/115 Physics for Life Sciences I plus lab (<i>Pre-req MATH 104, fall/summer</i>)	5
PSY 210 Intro to Psych Statistics (<i>Pre-reqs PSY 100 & MATH 104</i>)	4
CHEM 106 General Chemistry II (<i>Pre-req CHEM 103 w/grade of C or better</i>)	5
HSCI 207 Nutrition for Health Science (<i>Pre-req CHEM 103, Interim course</i>)	3
PES 102/215 Physics for Life Sciences II plus lab (<i>Pre-req PES 101, spring only</i>)	5
SOC 111 Intro to Sociology	<u>4</u>
	31
 <u>Third Year</u>	
BIOL 435 Human Anatomy (<i>Pre-req BIOL 121, CHEM 103, fall only</i>)	4
CHEM 330 Organic Chemistry (<i>Pre-req CHEM 106 w/C or better grade, Highly Recommended, fall only</i>)	3
HSCI 4—Health Science Elective (<i>any HSCI course above 300 level</i>)	3
HSCI 401 Health Science Research (<i>Pre-req PSY 210, Jr/Sr level, fall & summer only</i>)	3
HSCI 452 Health Teaching (<i>Soph level</i>)	3
BIOL 321 Human Physiology (<i>Pre-req BIOL 121, CHEM 103, spring only</i>)	4
BIOL 483 Biochemistry Principles (<i>Pre-req CHEM 330, Highly Recommended, fall/spring</i>)	3
HSCI 459 Concepts of Health and Disease (<i>Soph level, spring only</i>)	3
HSCI 463 Culture and Health (<i>Soph level, spring & summer only</i>)	3
HSCI 467 Health Assessment (<i>spring only</i>)	<u>3</u>
	32
 <u>Fourth Year</u>	
BIOL 330 Exercise Physiology (<i>Pre-reqs BIOL 321 & 435, CHEM 103, fall only</i>)	3
HSCI 420 Health Behavior Change (<i>fall & summer only</i>)	3
HSCI 495 Exercise Testing and Prescription (<i>Pre-reqs BIOL 321, 435, Co-req BIOL 330, fall only</i>)	3
Humanities Elective (<i>see LAS list</i>)	3
PSY 362 Developmental Psychology (<i>Pre-req PSY 100, Highly Recommended</i>)	3
BIOL 455 Biomechanics/Kinesiology (<i>Pre-reqs BIOL 321, 435, PES 101, spring only</i>)	3
HSCI 461 Sports Injury and Prevention (<i>Pre-reqs BIOL 321 & 435, spring only</i>)	3
HSCI 462 Internship in Sports Health	4
PSY 328 Abnormal Psychology (<i>Pre-req PSY 100, Highly Recommended</i>)	<u>3</u>
	28

TOTAL PROGRAM CREDITS = 120