



**PROGRAM REQUIREMENTS - BACHELOR OF SCIENCE IN HEALTH CARE SCIENCE**  
*Nutrition Option*

<u>General Education Course Requirements</u>	<u>Credits</u>
ENGL 131 & 141 Rhetoric and Writing I & II (Complete Competency Exam after ENGL 141)	6
HSCI 206 Health Science Statistics (Can Sub w/PSY 210)	3
Humanities Elective (choose from LAS list)	3
PSY 100 General Psychology	4
SOC 111 Introduction to Sociology	4
General Education Electives (Must take ACCT 201 and INFS 110)	<u>8</u>
	28
 <u>Health Science Prerequisites</u>	
BIOL 121 General Biology II (spring only)	4
BIOL 201 & 202 Human Anatomy and Physiology I & II (I – fall; II – spring)	8
BIOL 203 & 213 Microbiology w/Lab (Pre-req General Biology or General Chemistry, fall/spring)	4
CHEM 103 & 106 General Chemistry I & II (Pre-reqs 1 yr HS CHEM, 2 yrs HS MATH)	10
MATH 104 College Algebra or higher math class (Pre-req score of 12+ on Algebra Diagnostic Exam)	3
Social Science Elective (choose from LAS list)	<u>3</u>
	32
 <u>Health Science Core Requirements</u>	
HSCI 401 Health Science Research (Pre-req/Co-req HSCI 206, fall & summer only)	3
HSCI 420 Health Behavior Change (Pre-reqs PSY 100 & HSCI 463, fall & summer only)	3
HSCI 452 Health Teaching	3
HSCI 463 Culture and Health (Jr level, spring & summer only)	<u>3</u>
	12
 <u>Nutrition Option Requirements</u>	
*BIOL 483 Biochemistry Principles (Pre-reqs BIOL 121, CHEM 330, 340, fall/spring)	3
*CHEM 330 Organic Chemistry (Pre-req CHEM 106 w/C or better, fall only)	3
*CHEM 340 Organic Chemistry Laboratory (Concurrent w/CHEM 330, fall only)	2
*HSCI 207 Nutrition for Health Professionals (Interim, fall/spring)	3
*HSCI 408 Pathophysiology (Pre-reqs BIOL 201, 202, 203 & CHEM 103, 106, fall/spring)	3
*HSCI 392 Nutrition Science & Community (Pre-reqs BIOL 203, CHEM 330, 340 & HSCI 207, 394 spring only)	3
*HSCI 394 Nut Science & Food Prep (Pre-reqs, BIOL 203, CHEM 330, 340, & HSCI 207, spring interim only)	3
*HSCI 395 Food Systems Management I (Pre-req HSCI 394, PSY 100, Co-req HSCI 392, spring only)	3
*HSCI 402 Food Systems Management II (Pre-reqs ACCT 201, HSCI 392,394,395 co-req MKTG 300, fall only)	3
*HSCI 443 Advanced Nutrition I (Pre-reqs Biol 201, 202, 483, CHEM 330, 340 & HSCI 207, fall only)	3
*HSCI 444 Advanced Nutrition II (Pre-reqs HSCI 443, spring only)	3
*HSCI 492 Nutrition Assess. (Pre-reqs HSCI 207, 394,408, Co-req BIOL 483, HSCI 392 spring only)	3
*HSCI 493 Medical Nutrition Therapy (Pre-req HSCI 492, co-req HSCI 443, fall only)	3
*HSCI 494 Nutrition Practicum (Pre-reqs HSCI 392,394, 395, 402, 492 & 493, spring only, Portfolio required)	4
*HSCI 496 Medical Nutrition Therapy II (Pre-reqs HSCI 492, 493, Co-req HSCI 444, spring only)	3
MKTG 300 Principles of Marketing (Pre-req ENGL 131, Jr. Standing)	<u>3</u>
	48

**TOTAL PROGRAM CREDITS = 120**

**(Completion of accredited academic program plus completion of an ADA approved internship plus passage of National Registered Dietitian Exam required to list credentials as a Registered Dietitian)**

**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**

*Nutrition Option*

<u>First Year</u>	<u>Credits</u>
CHEM 103 General Chemistry I ( <i>Pre-reqs 1 yr HS CHEM &amp; 2 yrs HS MATH</i> )	5
ENGL 131 Rhetoric and Writing I ( <i>Pre-req ACT English score 19 or SAT Verbal 450</i> )	3
INFS 110 Information Based Decision Making ( <i>Or Computer Literacy Exam</i> )	3
MATH 104 College Algebra ( <i>Pre-req score of 12+ on Algebra Diagnostic Exam</i> )	3
BIOL 121 General Biology II ( <i>spring only</i> )	4
CHEM 106 General Chemistry II ( <i>Pre-req CHEM 103 w/C or better</i> )	5
ENGL 141 Rhetoric and Writing II ( <i>Pre-req ENGL 131 or 29+ on ACT English or 650 SAT Verbal</i> )	3
Humanities/Social Science or HSCI Elective ( <b>Choose from LAS or HSCI lists</b> )	<u>3</u>
	27
<u>Second Year</u>	
BIOL 201 Human Anatomy and Physiology I ( <i>fall only</i> )	4
PSY 100 General Psychology	4
HSCI 452 Health Teaching ( <i>Soph level</i> )	3
Humanities/Social Science or HSCI Elective ( <b>Choose from LAS or HSCI lists</b> )	3
BIOL 202 Human Anatomy and Physiology II ( <i>Pre-req BIOL 201, spring only</i> )	4
SOC 111 Introduction to Sociology	4
HSCI 206 Health Science Statistics ( <i>can be taken during Interim</i> )	3
*HSCI 207 Nutrition for Health Professionals ( <i>Interim course, fall/spring</i> )	3
ACCT 201 Intro to Financial Accounting ( <i>Pre-req INFS 110</i> )	<u>3</u>
	33
<u>Third Year</u>	
BIOL 203 & 213 Microbiology w/Lab ( <i>Pre-reqs BIOL 201, 202, CHEM 103 &amp; 106, fall/spring</i> )	4
*CHEM 330 & 340 Organic Chemistry & Lab ( <i>Pre-req CHEM 106 w/C or better, fall only</i> )	5
*HSCI 408 Pathophysiology ( <i>Pre-reqs BIOL 201, 202, 203 &amp; CHEM 103, 106, fall/spring</i> )	3
HSCI 401 Health Science Research ( <i>Pre-req/Co-req HSCI 206, Jr/Sr level, fall &amp; summer only</i> )	3
*BIOL 483 Biochemistry Principles ( <i>Pre-reqs BIOL 121, CHEM 330, 340, fall/spring</i> )	3
HSCI 463 Culture and Health ( <i>Jr level, spring &amp; summer only</i> )	3
*HSCI 392 Nutrition Science & Community ( <i>Pre-reqs BIOL 203, CHEM 330/340 &amp; HSCI 207, 394 spring only</i> )	3
*HSCI 492 Nutritional Assessment ( <i>Pre-reqs HSCI 207, 394, 408, Co-req BIOL 483, HSCI 392 spring only</i> )	3
*HSCI 395 Food Systems Management I ( <i>Pre-req HSCI 394, PSY 100, Co-req HSCI 392, spring only</i> )	3
*HSCI 394 Nutrition Science & Food Prep ( <i>Pre-reqs, BIOL 203, CHEM 330, 340, &amp; HSCI 207, spring interim only</i> )	<u>3</u>
	33
<u>Fourth Year</u>	
*HSCI 443 Advanced Nutrition I ( <i>Pre-reqs BIOL 201, 202, 483, CHEM 330, 340 &amp; HSCI 207, fall only</i> )	3
*HSCI 402 Food Systems Management II ( <i>Pre-reqs HSCI 392, 394 &amp; 395, co-req MKTG 300, fall only</i> )	3
HSCI 420 Health Behavior Change ( <i>Pre-reqs PSY 100 &amp; HSCI 463, fall &amp; summer only</i> )	3
*HSCI 493 Medical Nutrition Therapy I ( <i>Pre-reqs HSCI 492, co-req HSCI 443, fall only</i> )	3
MKTG 300 Principles of Marketing ( <i>Pre-req ENGL 131, Jr. Standing</i> )	3
*HSCI 444 Advanced Nutrition II ( <i>Pre-reqs HSCI 443, spring only</i> )	3
*HSCI 494 Nutrition Practicum ( <i>Pre-reqs HSCI 392, 394, 395, 402, 492 &amp; 493, spring only, Portfolio required</i> )	4
*HSCI 496 Medical Nutrition Therapy II ( <i>Pre-reqs HSCI 492, 493, Co-req HSCI 444, spring only</i> )	3
General Education Electives	<u>2</u>
	27
<b>TOTAL PROGRAM CREDITS = 120</b>	