

BETH-EL COLLEGE OF
NURSING & HEALTH SCIENCES



UNIVERSITY OF COLORADO
AT COLORADO SPRINGS

PROGRAM REQUIREMENTS - BACHELOR OF SCIENCE IN HEALTH CARE SCIENCE

Nutrition Option (for declaration through December 31, 2007)

<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
HSCI 206 Health Science Statistics (<i>Can Sub w/PSY 210</i>)	3
Humanities Elective (<i>choose from LAS list</i>)	3
PSY 100 General Psychology	3-4
SOC 111 Introduction to Sociology	3-4
General Education Electives (<i>Must take ACCT 201 and INFS 110</i>)	<u>8-10</u>
	28
 <u>Health Science Prerequisites</u>	
BIOL 110/111 General Biology I and Lab (<i>Pre-req high school chemistry, fall only</i>)	4
BIOL 201 & 202 Human Anatomy and Physiology I & II (<i>I – fall; II – spring</i>)	8
BIOL 203 & 213 Microbiology w/Lab (<i>Pre-req General Biology or General Chemistry, fall/spring</i>)	4
CHEM 103 & 106 General Chemistry I & II (<i>Pre-reqs 1 yr HS CHEM, 2 yrs HS MATH</i>)	10
HSCI 106 Personal Nutrition (<i>spring/summer</i>)	3
MATH 104 College Algebra or higher math class (<i>Pre-req score of 12+ on Algebra Diagnostic Exam</i>)	3
Social Science Elective (<i>choose from LAS list</i>)	<u>3</u>
	35
 <u>Health Science Core Requirements</u>	
HSCI 401 Health Science Research (<i>Pre-req/Co-req HSCI 206, Jr/Sr level, fall only</i>)	3
HSCI 420 Health Behavior Change (<i>Pre-reqs PSY 100 & HSCI 463, fall only</i>)	3
HSCI 452 Health Teaching (<i>Soph level, fall only</i>)	3
HSCI 463 Culture and Health (<i>Jr level, spring only</i>)	<u>3</u>
	12
 <u>Nutrition Option Requirements</u>	
*BIOL 483 Biochemistry Principles (<i>Pre-reqs BIOL 110, 111 & CHEM 330, 340, fall/spring</i>)	3
*CHEM 330 Organic Chemistry (<i>Pre-req CHEM 106 w/C or better, fall only</i>)	3
*CHEM 340 Organic Chemistry Laboratory (<i>Concurrent w/CHEM 330, fall only</i>)	2
*HSCI 207 Nutrition for Health Professionals (<i>Pre-req CHEM 103, can be taken during Interim, fall/spring</i>)	3
*HSCI 301 Pathophysiology (<i>Pre-reqs BIOL 201, 202, 203 & CHEM 103, 106, fall/spring</i>)	3
*HSCI 392 Nutrition and Community (<i>Pre-reqs BIOL 203, CHEM 330, 340 & HSCI 207, spring only</i>)	3
*HSCI 394 Nut Science & Food Prep (<i>Pre-reqs, BIOL 203, CHEM 330, 340 & HSCI 392, summer only</i>)	3
HSCI 4—Health Science Electives	6
*HSCI 402 Food Systems Management (<i>Pre-reqs ACCT 201, HCSI 392 & 394, MKTG 300 & PSY 210, fall only</i>)	3
*HSCI 443 Advanced Nutrition (<i>pre-reqs BIOL 201,202, 483, CHEM 330, 340, HSCI 207, fall only</i>)	3
*HSCI 492 Nutritional Assessment (<i>Pre-reqs BIOL 483, HSCI 207, 392 & 394, take w/BIOL 430, fall only</i>)	3
*HSCI 493 Medical Nutrition Therapy (<i>Pre-req HSCI 492, spring only</i>)	3
*HSCI 494 Nutrition Practicum (<i>Pre-reqs HSCI 392, 394, 402, 492, co-req HSCI 493</i>)	4
MKTG 300 Principles of Marketing (<i>Pre-req ENGL 131, Jr. standing</i>)	<u>3</u>
	45

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>
BIOL 110 & 111 General Biology I & Lab (<i>Pre-req high school chemistry, fall only</i>)	4
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
PSY 100 or SOC 111 General Psychology or Introduction to Sociology	4
ENGL 141 Rhetoric and Writing II (<i>Pre-req ENGL 131 or 29+ on ACT English or 650 SAT Verbal</i>)	3
MATH 104 College Algebra (<i>Pre-req score of 12+ on Algebra Diagnostic Exam</i>)	3
HSCI 106 Personal Nutrition (<i>spring/fall</i>)	3
PSY 100 or SOC 111 General Psychology or Introduction to Sociology	4
	27
<u>Second Year</u>	
BIOL 201 Human Anatomy and Physiology I (<i>fall only</i>)	4
CHEM 103 General Chemistry I (<i>Pre-reqs 1 yr HS CHEM & 2 yrs HS MATH</i>)	5
HSCI 452 Health Teaching (<i>Soph level, fall only</i>)	3
Hum/Social Science Elective (<i>Choose from LAS lists</i>)	3
BIOL 202 Human Anatomy and Physiology II (<i>Pre-req BIOL 201, spring only</i>)	4
CHEM 106 General Chemistry II (<i>Pre-req CHEM 103 w/C or better</i>)	5
ACCT 201 Intro to Financial Accounting (<i>Pre-req INFS 110 or Computer Literacy Exam</i>)	3
*HSCI 207 Nutrition for Health Professionals (<i>Pre-req CHEM 103, Interim course, fall/spring</i>)	3
HSCI 4—Health Science Elective	3
	33
<u>Third Year</u>	
BIOL 203 & 213 Microbiology w/Lab (<i>Pre-req General Biology or General Chemistry, fall/spring</i>)	4
*CHEM 330 & 340 Organic Chemistry & Lab (<i>Pre-req CHEM 106 w/C or better, fall only</i>)	5
HSCI 206 Health Science Statistics (<i>Can be taken during Interim</i>)	3
HSCI 401 Health Science Research (<i>Pre-req/Co-req HSCI 206, Jr/Sr level, fall only</i>)	3
*BIOL 483 Biochemistry Principles (<i>Pre-reqs BIOL 110, 111 & CHEM 330, 340, fall/spring</i>)	3
*HSCI 301 Pathophysiology (<i>Pre-reqs BIOL 201, 202, 203 & CHEM 103, 106, fall/spring</i>)	3
HSCI 463 Culture and Health (<i>Jr level, spring only</i>)	3
*HSCI 392 Nutrition and Community (<i>Pre-reqs BIOL 203, CHEM 330, 340 & HSCI, 207, spring only</i>)	3
*HSCI 394 Nutrition Science & Food Prep (<i>Pre-reqs, BIOL 203, CHEM 330, 340 & HSCI 392, summer only</i>)	3
Hum/Social Science Elective (<i>Choose from LAS lists</i>)	3
	33
<u>Fourth Year</u>	
*HSCI 402 Food Systems Management (<i>Pre-req ACCT 201, HSCI 392 & 394, MKTG 300 & PSY 210, fall only</i>)	3
HSCI 420 Health Behavior Change (<i>Pre-reqs PSY 100 & HSCI 463, fall only</i>)	3
*HSCI 443 Advanced Nutrition (<i>Pre-reqs BIOL 201, 202, 483, CHEM 330, 340 & HSCI 207, fall only</i>)	3
*HSCI 492 Nutritional Assessment (<i>Pre-reqs BIOL 483, HSCI 207, 392 & 394, take w/BIOL430, fall only</i>)	3
MKTG 300 Principles of Marketing (<i>Pre-req ENGL 131, Jr. standing</i>)	3
HSCI 4—Health Science Elective	3
*HSCI 493 Medical Nutrition Therapy (<i>Pre-req HSCI 492, spring only</i>)	3
*HSCI 494 Nutrition Practicum (<i>Pre-reqs HSCI 392, 394, 402, 492, spring only, co-req HSCI 493</i>)	4
General Education Electives	2
	27
 TOTAL PROGRAM CREDITS = 120	