



Beth-El College of Nursing & Health Sciences

UNIVERSITY OF COLORADO COLORADO SPRINGS

PROGRAM REQUIREMENTS - BACHELOR OF SCIENCE IN HEALTH CARE SCIENCE

Nutrition Option

<u>General Education Course Requirements</u>	<u>Credits</u>
ENGL 1310 & 1410 Rhetoric and Writing I & II (<i>Complete Competency Exam after ENGL 1410</i>)	6
HSCI 2060 Health Science Statistics (<i>Can Sub w/PSY 2100</i>)	3
PSY 1000 General Psychology	3
SOC 1110 Introduction to Sociology	4
General Education Electives (<i>Must take ACCT 2010 and INFS 1100</i>)	9
Humanities Elective (<i>choose from HSCI or LAS list</i>)	3
	<u>28</u>
<u>Health Science Prerequisites</u>	
BIOL 1210 General Biology II (<i>Pre-reqs CHEM 1030</i>)	4
BIOL 2010 & 2020 Human Anatomy and Physiology I & II (<i>I – fall; II – spring</i>)	8
BIOL 2030 & 2130 Microbiology w/Lab (<i>Pre-req General Biology or General Chemistry, fall/spring</i>)	4
CHEM 1030 & 1060 General Chemistry I & II (<i>Pre-reqs 1 yr HS CHEM, 2 yrs HS MATH</i>)	10
MATH 1040 College Algebra or higher math class (<i>Pre-req score of 12+ on Algebra Diagnostic Exam</i>)	3
Social Science Elective (<i>choose from HSCI or LAS list</i>)	3
	<u>32</u>
<u>Health Science Core Requirements</u>	
HSCI 3201 Health Behavior Change (<i>Soph level</i>)	3
HSCI 3520 Health Communication (<i>pre-req HSCI 3201</i>)	3
HSCI 3630 Culture and Health (<i>pre-req HSCI 3201, pre or co-req HSCI 3520 or instructor consent</i>)	3
HSCI 4010 Health Science Research (<i>Pre-req HSCI 2060 or PSY 2100, 3630</i>)	3
	<u>12</u>
<u>Nutrition Option Requirements</u>	
*CHEM 4830 Biochemistry Principles (<i>Pre-reqs BIOL 1210, CHEM 3300, 3400, fall/spring</i>)	3
*CHEM 3300 Organic Chemistry (<i>Pre-req CHEM 1060 w/C or better</i>)	3
*CHEM 3400 Organic Chemistry Laboratory (<i>Concurrent w/CHEM 3300</i>)	2
*HSCI 2070 Nutrition for Health Professionals (<i>Interim, fall/spring</i>)	3
*HSCI 3920 Community Nutrition (<i>Pre-reqs HSCI 2070, co-req HSCI 3940, 3950, 4920, spring only</i>)	3
*HSCI 3940 Nutrition Science & Food Prep (<i>Pre-reqs, BIOL 2030, CHEM 3300, 3400, & HSCI 2070, spring interim only</i>)	3
*HSCI 3950 Food Systems Management I (<i>Pre-req PSY 1000, Co-req HSCI 3920, 3940, spring only</i>)	3
*HSCI 4020 Food Systems Management II (<i>Pre-reqs ACCT 2010, HSCI 3950 co-req MKTG 3000, fall only</i>)	3
*HSCI 4080 Pathophysiology (<i>Pre-reqs BIOL 2010, 2020, 2030 & CHEM 1030, 1060, fall only</i>)	3
*HSCI 4430 Advanced Nutrition I (<i>Pre-reqs Biol 2010, 2020, 4830, CHEM 3300, 3400 & HSCI 2070, fall only</i>)	3
*HSCI 4440 Advanced Nutrition II (<i>Pre-reqs HSCI 4430, spring only</i>)	3
*HSCI 4920 Nutritional Assessment (<i>Pre-reqs HSCI 2070, 4080, co-req BIOL 4830, HSCI 3920, 3940, 3950, spring only</i>)	3
*HSCI 4930 Medical Nutrition Therapy I (<i>Pre-req HSCI 4920, pre or co-req HSCI 4430, fall only</i>)	3
*HSCI 4940 Nutrition Practicum (<i>Pre-reqs HSCI 3920, 3940, 4020, 4930, co-req HSCI 4960, spring only, Portfolio required</i>)	4
*HSCI 4960 Medical Nutrition Therapy II (<i>Pre-reqs HSCI 4930, co-req HSCI 4440, spring only</i>)	3
MKTG 3000 Principles of Marketing (<i>Pre-req ENGL 1310, Jr. Standing</i>)	3
	<u>48</u>

TOTAL PROGRAM CREDITS = 120

(Completion of accredited academic program plus completion of an Accreditation Council on Nutrition and Dietetics (ACEND) accredited internship plus passage of the National Registered Dietitian Exam is required to list credentials as a Registered Dietitian)

(last edits 4-24-13)

Approved by the Curriculum Committee Nov 2011; Approved by the HSCI Department Effective June 1, 2012

*Indicates required DPD courses. Additional Pre-reqs may also be required. HSCI Last Revision 2/21/2012 Effective June 2012

**UNIVERSITY OF COLORADO 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 1030 General Chemistry I (<i>Pre-reqs 1 yr HS CHEM & 2 yrs HS MATH</i>)	5
ENGL 1310 Rhetoric and Writing I (<i>Pre-req ACT English score 19 or SAT Verbal 450</i>)	3
INFS 1100 Microsoft Office Applications and Computer Basics (<i>Or Computer Literacy Exam</i>)	3
MATH 1040 College Algebra (<i>Pre-req score of 12+ on Algebra Diagnostic Exam</i>)	3
BIOL 1210 General Biology II (<i>pre-reqs CHEM 1030</i>)	
CHEM 1060 General Chemistry II (<i>Pre-req CHEM 1030 w/C or better</i>)	5
ENGL 1410 Rhetoric and Writing II (<i>Pre-req ENGL 1310 or 29+ on ACT English or 650 SAT Verbal</i>)	3
Social Science Elective (<i>Choose from HSCI or LAS lists</i>)	<u>3</u>
	29
<u>Second Year</u>	
BIOL 2010 Human Anatomy and Physiology I (<i>fall only</i>)	4
*CHEM 3300 & 3400 Organic Chemistry & Lab (<i>Pre-req CHEM 1060 w/C or better</i>)	5
HSCI 2060 Health Science Statistics (<i>can be taken during Interim</i>)	3
*HSCI 2070 Nutrition for Health Professionals (<i>Interim course, fall/spring</i>)	3
Humanities Elective (<i>Choose from HSCI or LAS lists</i>)	3
ACCT 2010 Intro to Financial Accounting (<i>Pre-req INFS 1100</i>)	3
BIOL 2020 Human Anatomy and Physiology II (<i>Pre-req BIOL 2010, spring only</i>)	4
HSCI 3201 Health Behavior Change (<i>Soph level</i>)	3
SOC 1110 Introduction to Sociology	<u>4</u>
	32
<u>Third Year</u>	
BIOL 2030 & 2130 Microbiology w/Lab (<i>Pre-reqs BIOL 2010, 2020, CHEM 1030 & 1060, fall/spring</i>)	4
*HSCI 4080 Pathophysiology (<i>Pre-reqs BIOL 2010, 2020, 2030 & CHEM 1030, 1060, fall only</i>)	3
HSCI 3520 Health Communication (<i>pre-req HSCI 3201</i>)	3
PSY 1000 General Psychology	3
*CHEM 4830 Biochemistry Principles (<i>Pre-reqs BIOL 1210, CHEM 3300, 3400, fall/spring</i>)	3
*HSCI 3920 Community Nutrition (<i>Pre-reqs HSCI 2070, co-req HSCI 3940, 3950, 4920, spring only</i>)	3
*HSCI 3940 Nutrition Science & Food Prep (<i>Pre-reqs, BIOL 2030, CHEM 3300, 3400, & HSCI 2070, spring interim only</i>)	3
*HSCI 3950 Food Systems Management I (<i>Pre-req PSY 1000, Co-req HSCI 3920, 3940, spring only</i>)	3
HSCI 3630 Culture and Health (<i>pre-req HSCI 3201, pre or co-req HSCI 3520 or consent of instructor</i>)	3
*HSCI 4920 Nutritional Assessment (<i>Pre-reqs HSCI 2070, 4080, co-req BIOL 4830, HSCI 3920, 3940, 3950, spring only</i>)	<u>3</u>
	31
<u>Fourth Year</u>	
HSCI 4010 Health Science Research (<i>Pre-req HSCI 2060 or PSY 2100, 3630</i>)	3
*HSCI 4020 Food Systems Management II (<i>Pre-reqs HSCI 3920, 3940 & 3950, co-req MKTG 3000, fall only</i>)	3
*HSCI 4430 Advanced Nutrition I (<i>Pre-reqs BIOL 2010, 2020, 4830, CHEM 3300, 3400 & HSCI 2070, fall only</i>)	3
*HSCI 4930 Medical Nutrition Therapy I (<i>Pre-req HSCI 4920, pre or co-req HSCI 4430, fall only</i>)	3
MKTG 3000 Principles of Marketing (<i>Pre-req ENGL 1310, Jr. Standing</i>)	3
*HSCI 4440 Advanced Nutrition II (<i>Pre-reqs HSCI 4430, spring only</i>)	3
*HSCI 4940 Nutrition Practicum (<i>Pre-reqs HSCI 3920, 3940, 4020, 4930, co-req HSCI 4960, spring only, Portfolio required</i>)	4
*HSCI 4960 Medical Nutrition Therapy II (<i>Pre-reqs HSCI 4930, co-req HSCI 4440, spring only</i>)	3
General Education Electives	<u>3</u>
	28

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