

NUTRITIONAL SCIENCE FOUR-YEAR PLAN

(Pre-Health Preparation)

Iowa State University Catalog, 2009-2011

Department of Food Science and Human Nutrition

First Year			
Fall Semester		Spring Semester	
FS HN 110, Professional/Educational Preparation	1	FS HN 167, Introduction to Human Nutrition	3
CHEM 177, General Chemistry I	4	CHEM 178, General Chemistry II	3
CHEM 177L, General Chemistry Laboratory I	1	BIOL 212, Principles of Biology II	3
BIOL 211, Principles of Biology I	3	BIOL 212L, Principles of Biology Laboratory II	1
BIOL 211L, Principles of Biology Laboratory I	1	MATH 160, 165, or 181 Calculus	4
ENGL 150, Critical Thinking & Communication	3	Social Science	<u>3</u>
LIB 160, Library	0.5	Total credits:	17
Humanities course	<u>3</u>		
Total credits:	16.5		

Second Year			
Fall Semester		Spring Semester	
CHEM 331, Organic Chemistry I	3	CHEM 332, Organic Chemistry II	3
CHEM 331L, Organic Chemistry Laboratory I	1	CHEM 332L, Organic Chemistry Laboratory II	1
BIOL 313, Principles of Genetics	3	BIOL 314, Principles of Molecular Cell Biology	3
STAT 101 or 104, Statistics course	3-4	FS HN 265, Nutr. for Active, Healthy Lifestyles	3
ENGL 250, WOVE Composition	3	FS HN 203, Contemporary Issues in FSHN	1
SP CM 212 or COMST 214, Public Speaking	<u>3</u>	PHYS 111, General Physics	<u>4</u>
Total credits:	16-17	Total credits:	15

Third Year			
Fall Semester		Spring Semester	
FS HN 214 or 311, Food Chemistry	4-5	FS HN 361, Nutrition & Health Assessment	2
FS HN 360, Advanced Human Nutrition & Met.	3	FS HN 362, Nutrition in Growth & Development	3
BIOL 255, Fundamentals of Human Anatomy	3	PHYS 112, General Physics	4
BIOL 255L, Fund. of Human Anatomy Lab.	1	Humanities/social sci. (CHS) or ENV S (CALS)	2-3
BIOL 335, Principles of Animal Physiology	<u>5</u>	FS HN 342, World Food Issues	<u>3</u>
Total credits:	16-17	Total credits:	14-15

Fourth Year			
Fall Semester		Spring Semester	
FS HN 461, Medical Nutrition and Disease I	4	FS HN additional course	2-3
FS HN 492 Research Concepts in Human Nutr.	2	FS HN additional course	2-3
FS HN additional course	3	U.S. Diversity (if not already taken) or elective*	3
MICRO 201 or 302, Microbiology course	2-3	ENGL 314 Technical Communication	3
MICRO 201L or 302L, Microbiology laboratory	1	Humanities course (CHS) or elective* (CALS)	<u>3</u>
FS HN 480, Professional Communication	<u>1</u>	Total credits:	13-15
Total credits:	13-14		

*Choose elective courses to total \geq 120.5 credits.

Note: This sequence is only an example. The number of credits taken each semester should be based on the individual student's situation. Factors that may affect credit hours per semester include student ability, employment, health, activities, and grade point considerations. Updated May 2009