

**Bachelor of Science in Nutritional Science
Pre-Health Professional and Research Option
3-Year Course Plan**

Iowa State University Catalog, 2016-2017
Department of Food Science and Human Nutrition

Iowa State University participates in the Advanced Placement program of the College Board, and credit for the College-Level Examination Program (CLEP) testing may be granted. Students who are interested in an accelerated 3-year plan to earn a bachelor's degree are encouraged to take the national examinations through the College Board to qualify for academic credit through Advanced Placement (<http://www.admissions.iastate.edu/cbe/ap.php>) and CLEP exams (<http://www.counseling.iastate.edu/testing-services/clep-testing>) prior to starting the degree program.

For an accelerated degree program, students should plan for:

- Completion of Calculus, Psychology, and 6 credits of Humanities through Advanced Placement or CLEP exams.
- Placement into ENGL 250 with ACT-E score of 24 or above; Test-out credit for ENGL 150 is earned with placement into ENGL 250 and completion of ENGL 250 at Iowa State University with a grade of C or above.

First Year			
Fall Semester		Spring Semester	
FS HN 110, Professional/Educational Preparation	1	FS HN 203, Contemporary Issues in FSHN	1
FS HN 167, Introduction to Human Nutrition	3	FS HN 265, Nutr. for Active, Healthy Lifestyles**	3
CHEM 177, General Chemistry I	4	CHEM 178, General Chemistry II	3
CHEM 177L, General Chemistry Laboratory I	1	CHEM 178L, General Chemistry II Laboratory	1
BIOL 211, Principles of Biology I	3	BIOL 212, Principles of Biology II	3
BIOL 211L, Principles of Biology Laboratory I	1	BIOL 212L, Principles of Biology Laboratory II	1
LIB 160, Library	<u>1</u>	STAT 101 or 104, Statistics	<u>3-4</u>
Total credits:	14	Total Credits	15-16

Summer: CHEM 331, Organic Chemistry; CHEM 331L, Organic Chemistry Lab; and ENGL 250, Composition = 7 credits

Second Year			
Fall Semester		Spring Semester	
FS HN 360, Advanced Human Nutr./Met.*	3	FS HN 361, Nutrition and Health Assessment**	2
BIOL 255, Fundamentals of Human Anatomy*	3	FS HN 362, Nutrition in Growth&Development**	3
BIOL 255L, Fund. of Human Anatomy Lab.*	1	BIOL 256 and 256L**, or 334 or 335	3-4
BBMB 301, Survey of Biochemistry	3	BIOL 313, Principles of Genetics	3
SP CM 212, Fundamentals of Public Speaking	3	CHEM 332, Organic Chemistry II	3
Elective	<u>3</u>	CHEM 332L, Organic Chemistry Laboratory II	<u>1</u>
Total credits:	16	Total credits:	15-16

Summer: ENGL 314, Technical Communication; and FS HN 342, World Food Issues

Third Year			
Fall Semester		Spring Semester	
FS HN 492, Research Concepts in Human Nutr.*	2	FS HN 467, Mol. Basis of Nutr. in Disease Prev.**	3
MICRO 201 or 302, Microbiology course	2-3	FS HN 480, Professional Communication	1
MICRO 201L or 302L, Microbiology laboratory	1	Additional course from approved list	3
Additional course from approved list	3	Additional course from approved list	3
Additional course from approved list	3	Additional course from approved list	3
U.S. Diversity (if not already taken) or elective	3	Humanities/social sci. (H Sci) or ENV S (AgLS)	<u>2-3</u>
Elective	<u>2</u>	Total credits:	15-16
Total credits:	16-17		

Choose elective courses to total \geq 120 credits.

* **Fall-only course offering**, ** **Spring-only course offering**. Planned course offerings may change, and students need to check the online Schedule of Classes each term to confirm course offerings: <http://classes.iastate.edu/>.

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 January 2016