



**NUTRITIONAL SCIENCES: HUMAN NUTRITION/PRE-MEDICAL SCIENCES, BS**

The following plan is for students matriculating in or before the academic year **2024-2025**. This plan may be adjusted based on individual needs. For official degree requirements visit <https://registrar.okstate.edu/Degree-Requirements>.

Minimum Overall GPA: 2.5

Total Hours: 120

<b>YEAR 1</b>		<b>FALL (13 hours)</b>
	NSCI 2013 Principles of Human Nutrition (N) & NSCI2011 Applied Principles of Human Nutrition	
	UNIV1111 First Year Seminar (FALL ONLY)	
	BIOL 1113 Introductory Biology (N) & BIOL 1111 (LN) Introductory Biology Laboratory	
	MATH 1513 College Algebra (see <a href="http://mathplacement.okstate.edu/">http://mathplacement.okstate.edu/</a> )	
	UNIV 2511 Introduction to Health Careers (FALL ONLY)	
		<b>SPRING (17 hours)</b>
	CHEM 1314 Chemistry I (LN) (Prerequisite: "C" or better in MATH 1513 or higher level math or an acceptable math placement score)	
	EDHS 1111 Education and Human Sciences Seminar (SPING ONLY)	
	MATH 1813 Preparation for Calculus (Prerequisite: Score of 56 or higher on OSU math placement test OR a minimum grade of "C" in MATH 1513)	
	ENGL1113 Freshman Composition I or ENGL1313	
	Social and Behavioral Science (S)-3 hours (SOC1113 recommended)	
	Controlled Elective-3 hours (BIOL1604 (Prerequisite: BIOL 1114) recommended)	

<b>YEAR 2</b>		<b>FALL (15 hours)</b>
	NSCI 3440 Pre-professional Experience (1 credit hour)	
	CHEM 1515 Chemisty II (Prerequisite: "C" or better in CHEM1314)	
	MICR 2123 Introduction to Microbiology (Prerequisites: "C" or better in BIOL 1114 and CHEM 1215/1314 or concurrent enrollment)	
	STAT 2013 Elementary Statistics (Prerequisite: "C" or better in MATH 1513 or score of 50 or higher on OSU math placement test)	
	ENGL 1213 Composition II (Prerequisite: ENGL 1113 or ENGL 1123 or ENGL 1313) or ENGL1413 or ENGL3323	
		<b>SPRING (16 hours)</b>
	NSCI 3223 Nutrition Across the Lifespan (Prerequisite: NSCI 2013)	
	CHEM 3053 Organic Chemistry I (Prerequisite: "C" or better in CHEM 1515)	
	PHYS 1114 College Physics I (Prerequisites: : "C" or better in MATH 1513 or acceptable math placement score)	
	BIOL 3204 Physiology (Prerequisites: "C" or better in BIOL 1114;CHEM 1314)	
	MICR 2132 Microbiology Laboratory (Prerequisite: MICR 2123 or concurrent)	

Course Attribute Guide: (A) Analytical and Quantitative Thought; (H) Humanities; (S) Social and Behavioral Sciences; (N) Natural Sciences; (L) Scientific Investigation – Laboratory Science; (D) Diversity; (I) International Dimension

Must have one course designated with "I" International Dimension.

Must have one course designated with "D" Diversity Dimension. Students are encouraged to take H/D.

<b>YEAR 3</b>		<b>FALL (16 hours)</b>
	<b>NSCI 3011</b> Nutrition and Evidence-base Practice I ( <i>Prerequisite: NSCI 2013 and STAT 2013</i> )	
	<b>CHEM3153</b> Organic Chemistry II ( <i>Prerequisite: "C" or better in CHEM 3053</i> )	
	<b>CHEM 3112</b> Organic Chemistry Laboratory ( <i>Prerequisite: CHEM 3153 or concurrent enrollment</i> )	
	<b>PHY1214</b> College Physics II ( <i>Prerequisite: "C" or better in PHYS 1114 or 2014</i> )	
	<b>MICR 3033</b> Cell and Molecular Biology ( <i>Prerequisites: MICR 2123 and 2132 or BIOL 1604 and CHEM 1515 or equivalent</i> )	
	<b>PSYC 1113</b> Introductory Psychology	
		<b>SPRING (15 hours)</b>
	<b>NSCI 3021</b> Nutrition and Evidence-based Practice II ( <i>Prerequisites: BIOL3204 and "C" or better in NSCI 3011</i> )	
	<b>NSCI 3543</b> Food and the Human Environment (IS)	
	<b>BIOC 3653</b> Survey of Biochemistry ( <i>Prerequisite: CHEM 3015 or 3053</i> )	
	<b>BIOL 3214</b> Human Anatomy ( <i>Prerequisite: "C" or better in BIOL 1604 or 3204</i> )	
	<b>BIOL3023</b> General Genetics ( <i>Prerequisite: "C" or better in MICR 2123 or MICR 3033 or CHEM 3053</i> )	
	<b>UNIV 3511</b> Health Professional School Preparation ( <b>SPRING ONLY</b> )	

<b>YEAR 4</b>		<b>FALL (15 hours)</b>
	<b>NSCI 4023</b> Nutrition in the Pathophysiology of Chronic Disease ( <i>Prerequisites: NSCI 2013, BIOL 3204, and "C" or better in NSCI 3011 and NSCI 3223</i> )	
	<b>NSCI 4123</b> Human Nutrition and Metabolism I ( <i>Prerequisites: NSCI 2013; CHEM 3013 or 3053 and BIOL 3204; or consent of instructor</i> )	
	<b>SPCH 2713</b> Introduction to Speech Communications	
	<b>Humanities/Diversity (H/D)</b> -3 hours	
	<b>HIST 1103</b> Survey of American History or <b>HIST1483</b> American History to 1865 or <b>HIST1493</b> American History Since 1865	
		<b>SPRING (13 hours)</b>
	<b>NSCI 4143</b> Human Nutrition and Metabolism II ( <i>Prerequisites: NSCI 4123 or consent of instructor</i> )	
	<b>NSCI 4021</b> Nutrition and Evidence-base Practice III ( <i>Prerequisites: "C" or better in NSCI 3021</i> )	
	<b>Humanities (H)</b> -3 hours	
	<b>HDFS 2113</b> Lifespan Human Development	
	<b>POLS 1113</b> American Government	

#### Other Requirements

- 40 hours of upper-division coursework.
- A 2.50 Major GPA is required. This includes all courses in College/Departmental and Major Requirements.
- A grade of "C" or better is required in all NSCI 3000- and 4000-level courses.
- Transfer Admission Requirement: 2.50 GPA.

#### Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2030.

This plan is provided as a courtesy. The official degree requirements sheet is used to determine eligibility for graduation.