

## Human Nutrition/Pre-Medical Sciences

### 2015-2016

This Plan of Study was designed to allow students to complete coursework which is recommended for MCAT, administered in spring of third year. Completion of MATH 1513 (College Algebra) before first semester at OSU is recommended.

Fall		First Year		Spring	
HS	1112	HS Freshman Experience	ENGL	1113	Freshman Composition I
or	3112	HS First Year Transfer Experience	or	1313	Critical Analysis and Writing I
NSCI	2114	Principles of Human Nutrition	CHEM	1314	Principles of Analytical Chemistry <i>(Prerequisite: "C" or better in MATH 1513; or concurrent enrollment in a higher level math course)</i>
BIOL	1114	Introductory Biology			
MATH	1513	College Algebra <i>(Prerequisite: score of 30 or higher on OSU math placement test)</i>	MATH	1613	Trigonometry <i>(Prerequisite: Score of 50 or higher on OSU math placement test OR a minimum grade of "C" in MATH 1513)</i>
UNIV	2511	<b>Introduction to Health Careers</b>			
<b>14 Hours</b>			SOC	1113	Introduction to Sociology
			ELECT	(3)	Controlled Elective-Recommend ZOO 1604 Animal Biology (Prerequisite: BIOL 1114)
			<b>16-17 Hours</b>		

**Summer Session-CHEM 1515 General Chemistry (Prerequisite: "C" or better in CHEM 1314)**

Fall		Second Year		Spring	
CHEM	3053	Organic Chemistry <i>(Prerequisite: "C" or better in CHEM 1515)</i>	CHEM	3153	Organic Chemistry <i>(Prerequisite: "C" or better in CHEM 3053)</i>
PHYS	1114	General Physics <i>(Prerequisites: MATH1613 or MATH1715, each with grade of "C" or better, or an acceptable placement score)</i>	CHEM	3112	Organic Chemistry Laboratory <i>(Prerequisite: 3153 or concurrent)</i>
or	2014	General Physics <i>(Prerequisite: MATH 2144 or concurrent enrollment)</i>	ZOOL	3214	Human Anatomy <i>(Prerequisite: "C" or better in ZOOL 1604 or 3204)</i>
ENGL	1213	Freshman Composition II <i>(Prerequisite: ENGL 1113, 1123, or 1313)</i>	PSYC	1113	Introductory Psychology
or	1413	Critical Analysis and Writing II	MICR	2123	Introduction to Microbiology <i>(Prerequisites: BIOL 1114; and CHEM 1215 or CHEM 1314 or concurrent)</i>
or	3323	Technical Writing <i>(Prerequisites: ENGL 1113 or 1213 or 1313 and junior standing)</i>	<b>15 Hours</b>		
HDFS	2113	Lifespan Human Development			
<b>13 Hours</b>					

**Summer Session- PHYS 1214 General Physics (Prerequisite: PHYS 1114 or 2014 with a "C" or better) or PHYS 2114 General Physics (Prerequisite: MATH 2144 or current)**

**NSCI 3440** Pre-professional Experience (1 credit hour) required at some time during the degree program.  
(Prerequisite: HS 1112 or 3112 or concurrent)

Fall		Third Year	Spring		
BIOC	3653	Survey of Biochemistry (Prerequisite: CHEM 3015 or 3053)	NSCI	3223	Nutrition Across the Lifespan (Prerequisite: NSCI 2114 or equivalent)
ZOOL	3204	Physiology (Prerequisites: BIOL 1114; CHEM 1215 or 1314)	NSCI	3011	Nutrition and Evidence-based Practice I (Prerequisites: NSCI 2114; and STAT 2013 or 2023 or concurrent)
MICR	2132	Microbiology Laboratory (Prerequisite: MICR 2123 or concurrent)	UNIV	3511	Health Professional School Preparation
STAT	2013	Elementary Statistics (Prerequisite: MATH 1483 or 1513)	BIOL	3023	General Genetics (Prerequisite: BOT 1404, or ZOOL 1604, or equivalent)
or	2023	Elem. Stat for Bus. and Econ. (Prerequisite: MATH 1483 or 1513)	NSCI	3543	Food and the Human Environment
			POLS	1113	American Government
<b>12 Hours</b>			<b>14 Hours</b>		

Fall		Fourth Year	Spring		
<b>NSCI</b>	<b>4023</b>	<b>Nutrition in the Pathophysiology of Chronic Disease</b> (Prerequisites: NSCI 2114, 3011, 3223 and ZOOL 3204)	NSCI	4143	Human Nutrition and Metabolism II (Prerequisites: NSCI 4123 or consent of instructor)
NSCI	4123	Human Nutrition and Metabolism I (Prerequisites: NSCI 2114; CHEM 3015 or 3053 and ZOOL 3204 and senior classification; or consent of instructor)	NSCI	4021	Nutrition and Evidence-based Practice III (Prerequisite: NSCI 3011 and 3021)
NSCI	3021	Nutrition and Evidence-based Practice II (Prerequisites: NSCI 3011, and ZOOL 3204 or concurrent)	HIST	1103	Survey of American History
MICR	3033	Cell and Molecular Biology (Prerequisites: MICR 2123 and 2132 or BOT 1404 or ZOOL 1604 and CHEM 1225 or CHEM 1515 or equivalent)	Or	1483	American History to 1865
"H/D"	(3)	Humanities/Diversity	or	1493	American History Since 1865
			"H"	(3)	Humanities (Recommend PHIL 3833 or 4013)
			SPCH	2713	Introduction to Speech Comm.
			or	3723	Business and Professional Comm.
<b>13 Hours</b>			<b>13 Hours</b>		

**About this plan of study...**

- Courses in bold are offered only in that semester excluding NSCI 3440.
- One literature course required (or highly suggested) as lower-division humanities for most medical school admissions. Most students take ENGL 2413 Introduction to Literature to fulfill this requirement and the "D/H" requirement.

**Other Requirements:**

\* 40 upper-division hours required.

\*\* 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 2021.

**Don't forget...**

This is a four-year plan. It is subject to modifications in curriculum's offerings and scheduling.

Students will be held responsible for degree requirements in effect at the time of matriculation (date of first enrollment) 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.

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

May 2015