

## Human Nutrition/Pre-Medical Sciences

### 2018-2019

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
<b>HS</b> 1112	<b>HS First-Year Seminar</b>	ENGL 1113		Freshman Composition I
or 3112	HS First Year Transfer Experience	or 1313		Critical Analysis and Writing I
<b>NSCI</b> 2114	Principles of Human Nutrition	<b>CHEM</b> 1314		Chemistry I
<b>BIOL</b> 1114	Introductory Biology			<i>(Prerequisite: "C" or better in MATH 1513 or higher level math or an acceptable math placement score)</i>
<b>MATH</b> 1513	College Algebra	<b>MATH</b> 1613		Trigonometry
	<i>(Prerequisite: score of 45 or higher on OSU math placement test)</i>			<i>(Prerequisite: Score of 60 or higher on OSU math placement test OR a minimum grade of "C" in MATH 1513)</i>
<b>UNIV</b> 2511	<b>Introduction to Health Careers</b>	<b>SOC</b> 1113		Introduction to Sociology
	<b>14 Hours</b>	<b>ELECT</b> (3)		Controlled Elective-Recommend
				BIOL 1604 Animal Biology (Prerequisite: BIOL 1114)
				<b>16-17 Hours</b>

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

	Fall	Second Year		Spring
<b>CHEM</b> 3053	Organic Chemistry I	<b>CHEM</b> 3153		Organic Chemistry II
	<i>(Prerequisite: "C" or better in CHEM 1515)</i>			<i>(Prerequisite: "C" or better in CHEM 3053)</i>
<b>PHYS</b> 1114	College Physics I	<b>CHEM</b> 3112		Organic Chemistry Laboratory
	<i>(Prerequisites: MATH 1513 with grade of "C" or better; or acceptable placement score)</i>			<i>(Prerequisite: 3153 or concurrent)</i>
<b>ENGL</b> 1213	Freshman Composition II	<b>BIOL</b> 3214		Human Anatomy
	<i>(Prerequisite: ENGL 1113, 1123, or 1313)</i>			<i>(Prerequisite: "C" or better in BIOL 1604 or 3204)</i>
or 1413	Critical Analysis and Writing II	<b>PSYC</b> 1113		Introductory Psychology
<b>HDFS</b> 2113	Lifespan Human Development	<b>MICR</b> 2123		Introduction to Microbiology
	<b>13 Hours</b>			<i>(Prerequisites: BIOL 1114, and CHEM 1215 or CHEM 1314 or concurrent)</i>
				<b>15 Hours</b>

**Summer Session**- PHYS 1214 College Physics II (Prerequisite: PHYS 1114 or 2014 with a "C" or better)

**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)
BIOL	3204	Physiology (Prerequisites: "C" or better in BIOL 1114; CHEM 1215 or 1314 or 1414)	NSCI	3011	Nutrition and Evidence-based Practice I (Prerequisites: NSCI 2114 and STAT 2013)
MICR	2132	Microbiology Laboratory (Prerequisite: MICR 2123 or concurrent)	<b>UNIV</b>	<b>3511</b>	<b>Health Professional School Preparation</b>
STAT	2013	Elementary Statistics (Prerequisite: MATH 1483 or 1513)	BIOL	3023	General Genetics (Prerequisite: BOT 1404 or BIOL 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		
NSCI	4023	Nutrition in the Pathophysiology of Chronic Disease (Prerequisites: NSCI 2114, 3011, 3223 and BIOL 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 BIOL 3204; or consent of instructor)	NSCI	4021	Nutrition and Evidence-based Practice III (Prerequisites: NSCI 3011 and 3021)
NSCI	3021	Nutrition and Evidence-based Practice II (Prerequisites: NSCI 3011 and BIOL 3204)	HIST	1103	Survey of American History
MICR	3033	Cell and Molecular Biology (Prerequisites: MICR 2123 and 2132 or BOT 1404 or BIOL 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.
<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 2024.

**Don't forget...**

Please refer to the OFFICIAL degree requirement sheet for a complete list of required/accepted courses for ENGL, PHYS, SPCH. This is a four-year plan suggested for degree completion. 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 2018