



Human Nutrition/Pre-Medical Sciences 2016-2017

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
BIOL	1114	Introductory Biology			(Prerequisite: "C" or better in MATH
MATH	1513	College Algebra			1513; or concurrent enrollment in a
		(Prerequisite: score of 45 or higher of	n		higher level math course)
		OSU math placement test)	MATH	1613	Trigonometry
UNIV	2511	Introduction to Health Careers			(Prerequisite: Score of 60 or higher on
					OSU math placement test OR a
		14 Hours			minimum grade of "C" in MATH 1513)
			SOC	1113	Introduction to Sociology
			ELECT	(3)	Controlled Elective-Recommend
					BIOL 1604 Animal Biology (Prerequisite:
					BIOL 1114)
					16-17 Hours

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

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

Summer Session- PHYS 1214 General Physics (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 Thi	rd Year		Spring
BIOC	3653	Survey of Biochemistry (Prerequisite: CHEM 3015 or 3053)	NSCI	3223	Nutrition Across the Lifespan (Prerequisite: NSCI 2114 or
BIOL	3204	Physiology			equivalent)
		(Prerequisites: BIOL 1114 and CHEM	NSCI	3011	Nutrition and Evidence-based Practice I
		1215 or 1314)			(Prerequisites: NSCI 2114 and STAT
MICR	2132	Microbiology Laboratory			2013)
		(Prerequisite: MICR 2123 or concurrent	t) UNIV	3511	Health Professional School Preparation
STAT	2013	Elementary Statistics	BIOL	3023	General Genetics
		(Prerequisite: MATH 1483 or 1513)			(Prerequisite: BOT 1404 or BIOL 1604,
or	2023	Elem. Stat for Bus. and Econ.			or equivalent)
		(Prerequisite: MATH 1483 or 1513)	NSCI	3543	Food and the Human Environment
			POLS	1113	American Government
		12 Hours			14 Hours

		Fall	Fourth Year		Spring	
NSCI	4023	Nutrition in the Pathophysiology of Chronic Disease	f NSCI	4143	Human Nutrition and Metabolism II (Prerequisites: NSCI 4123 or consent of ins	structoi
		(Prerequisites: NSCI 2114, 3011, 322 and BIOL 3204)	23 NSCI	4021	Nutrition and Evidence-based Practice III (Prerequisite: NSCI 3011 and 3021)	
NSCI	4123	Human Nutrition and Metabolism I	HIST	1103	Survey of American History	
		(Prerequisites: NSCI 2114, CHEM 30	<i>15 or</i> or	1483	American History to 1865	
		3053 and BIOL 3204; or consent of	or	1493	American History Since 1865	
		instructor)	"H	' (3)	Humanities (Recommend PHIL 3833 or 403)13)
NSCI	3021	Nutrition and Evidence-based Pract (Prerequisites: NSCI 3011, and BIOL or concurrent)		2713	Introduction to Speech Comm.	
MICR	3033	Cell and Molecular Biology (Prerequisites: MICR 2123 and 2132 BOT 1404 or BIOL 1604 and CHEM 1 or CHEM 1515 or equivalent)			13 Hours	
"H/D"	(3)	Humanities/Diversity 13 Hours				

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 2022.

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 2016