



Nutritional Sciences

Human Nutrition/Pre-Medical Sciences 2014-2015

| 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 | Introduction to Health Careers | HDFS | 2113 | Lifespan Human Development |
| | | 14 Hours | or | 2114 | (Restricted to Honors College students) |
| | | | "H/D" | (3) | Humanities/Diversity |
| | | | | | 16-17 Hours |

| Fall | | Second Year | Spring | | |
|-------|------|---|--------|------|---|
| CHEM | 1515 | General Chemistry <i>(Prerequisite: "C" or better in CHEM 1314)</i> | CHEM | 3053 | Organic Chemistry <i>(Prerequisite: "C" or better in CHEM 1515)</i> |
| PHYS | 1114 | General Physics <i>(Prerequisites: MATH1613 or MATH1715, each with grade of "C" or better, or an acceptable placement score)</i> | PHYS | 1214 | General Physics <i>(Prerequisite: PHYS 1114)</i> |
| or | 2014 | General Physics <i>(Prerequisite: MATH 2144 or concurrent enrollment)</i> | or | 2114 | General Physics <i>(Prerequisite: PHYS 2014 or 2314)</i> |
| | | | ZOOL | 3204 | Physiology <i>(Prerequisites: BIOL 1114; CHEM 1215 or 1314)</i> |
| ENGL | 1213 | Freshman Composition II <i>(Prerequisite: ENGL 1113, 1123, or 1313)</i> | STAT | 2013 | Elementary Statistics <i>(Prerequisite: MATH 1483 or 1513)</i> |
| or | 1413 | Critical Analysis and Writing II | or | 2023 | Elem. Stat for Bus. and Econ. <i>(Prerequisite: MATH 1483 or 1513)</i> |
| or | 3323 | Technical Writing <i>(Prerequisites: ENGL 1113 or 1213 or 1313 and junior standing)</i> | UNIV | 3511 | Health Professional School Preparation |
| | | | | | 15 Hours |
| ELECT | (3) | Controlled Elective | | | |
| | | 15 Hours | | | |

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 | | |
|------|-----------------|--|--------|------|--|
| CHEM | 3153 | Organic Chemistry (Prerequisite: "C" or better in CHEM 3053) | CHEM | 3112 | Organic Chemistry Laboratory (Prerequisite: 3153 or concurrent) |
| NSCI | 3223 | Nutrition Across the Lifespan (Prerequisite: NSCI 2114 or equivalent) | MICR | 2123 | Introduction to Microbiology (Prerequisites: BIOL 1114; and CHEM 1215 or CHEM 1314 or concurrent) |
| NSCI | 3011 | Nutrition and Evidence-based Practice I (Prerequisites: NSCI 2114; STAT 2013 or 2023 or concurrent) | MICR | 2132 | Microbiology Laboratory (Prerequisite: MICR 2123 or concurrent) |
| BIOC | 3653 | Survey of Biochemistry (Prerequisite: CHEM 3015 or 3053) | NSCI | 3543 | Food and the Human Environment |
| POLS | 1113 | American Government | NSCI | 3021 | Nutrition and Evidence-based Practice II (Prerequisites: NSCI 3011, and ZOO 3204 or concurrent) |
| PSYC | 1113 | Introductory Psychology | HIST | 1103 | Survey of American History |
| | | | or | 1483 | American History to 1865 |
| | | | or | 1493 | American History Since 1865 |
| | 16 Hours | | | | 14 Hours |

| Fall | | Fourth Year | Spring | | |
|-------------|-----------------|---|------------|-------------|--|
| NSCI | 4023 | Nutrition in the Pathophysiology of Chronic Disease (Prerequisites: NSCI 2114, 3223 and ZOO 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 and CHEM 3015 or 3053 and ZOO 3204 and senior classification; or consent of instructor) | ZOO | 3214 | Human Anatomy (Prerequisite: "C" or better in ZOO 1604 or 3204) |
| NSCI | 4021 | Nutrition and Evidence-based Practice III (Prerequisite: NSCI 3011 and 3021) | BIOL | 3023 | General Genetics (Prerequisite: BOT 1404, or ZOO 1604, or equivalent) |
| MICR | 3033 | Cell and Molecular Biology (Prerequisites: MICR 2123 and 2132 or BOT 1404 or ZOO 1604 and CHEM 1225 or CHEM 1515 or equivalent) | SOC | 1113 | Introduction to Sociology |
| SPCH | 3723 | Business and Professional Comm. | "H" | (3) | Humanities (Recommend PHIL 3833 or 4013) |
| or | 2713 | Introduction to Speech Comm. | | | |
| | 13 Hours | | | | 16 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.

Graduation requirements...

- Total Credit Hours for Graduation: 120 minimum.
- 40 upper-division hours required and 60 hours must be completed at a four-year institution.
- Must have completed one course that meets the Diversity (D) general education requirement. One hour minimum.
- Minimum Overall GPA (Cumulative Grad/Retention): 2.5
- A 2.50 major GPA is required. This includes all courses in College/Departmental and Major Requirements on the degree sheet.
- A grade of "C" or better is required in all NSCI 3000- and 4000-level courses to earn course credit.
- Transfer admission requirement: 2.5 GPA

Note: See OFFICIAL degree sheet

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 2014