

## CURRICULUM IN NUTRITION OPTION: NUTRITION SCIENCE (NSPM)

Student Name \_\_\_\_\_

SID 90 \_\_\_\_\_

Email \_\_\_\_\_

Date of Entry \_\_\_\_\_

Advisor \_\_\_\_\_

### University Core Curriculum (42 hours)

ENGL 1100	English Composition I (3)
ENGL 1120	English Composition II (3)
MATH 1610	Calculus I (4)
CHEM 1030	Fund. of Chemistry I (3)
CHEM 1031	Fund. of Chemistry I lab (1)
CHEM 1040	Fund. of Chemistry II (3)
CHEM 1041	Fund. of Chemistry II lab (1)
Core History I	(3)
Core History II	(3)
SOCY 1000	Sociology: Global Perspective (3)
PSYC 2010	Introduction to Psychology (3)
Core Literature	(3)
COMM 1000	Public Speaking (3)
PHIL 1030	Ethics and the Health Sciences (3)
Core Fine Arts	(3)

### Required Major Core Course (3)

NTRI 2000	Nutrition and Health
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### Human Sciences Core Courses (6 hours, choose 2)

CADS 2000	Global Consumer Culture (3)
HOSP 2000	Principles of Service Management (3)
HDFS 2100	The Science of Human Connections (3)

### Professional Electives (3 hours)<sup>2</sup>

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### Required Graduation Course

UNIV 4AA0	Undergraduate Graduation (0)
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### NSPM Major Core (23 hours)

NTRI 1010	Introduction to the Pre-Health Professions (1)
BIOL 1030	Organismal Biology (3)
BIOL 1031	Organismal Biology lab (1)
NTRI 2070	Careers in Nutrition, Dietetics & Wellness (1)
BCHE 3180	Nutritional Biochemistry (3)
NTRI 4820	Macronutrients Metabolism (3)
NTRI 4830	Micronutrients Metabolism (3)
NTRI 5100	Nutrition in Disease Prevention (3)
NTRI 5820	Nutrition in the Life Cycle (3)
NTRI 5830	Nutritional Genomics (3)

### Required Supporting Courses (43 hours)

BIOL 1020	Principles of Biology (3)
BIOL 1021	Principles of Biology lab (1)
BIOL 3200	General Microbiology (3)
BIOL 3201	General Microbiology lab (1)
BIOL 2500	Human Anatomy and Physiology I (3)
BIOL 2501	Human Anatomy and Physiology I lab (1)
BIOL 2510	Human Anatomy and Physiology II (3)
BIOL 2511	Human Anatomy and Physiology II (1)
BIOL 3000	Genetics (3)
BIOL 4100	Cell Biology (3)
BIOL 4101	Cell Biology Lab (2)
CHEM 2070	Organic Chemistry I (3)
CHEM 2071	Organic Chemistry I Lab (1)
CHEM 2080	Organic Chemistry II (3) <sup>1</sup>
CHEM 2081	Organic Chemistry II Lab (1) <sup>1</sup>
PHYS 1500	General Physics I (4)
PHYS 1510	General Physics II (4)
STAT 2510	Stat. for Biological and Health Sciences (3)

Total Hours: 120

<sup>1</sup> For Pre-Physical Therapy/Pre-Occupational Therapy/Pre-Physician Assistant, students may substitute an additional psychology

<sup>2</sup> Professional electives: NTRI 3940 Community Service; NTRI 3750 Nutrition Education; NTRI 4980 Undergraduate Research and Study; NTRI 4620 Public Health Nutrition; NTRI Study/Travel in Nutritional Sciences; HUSC 4000 Hunger Studies Capstone.

Students must receive a "C" or higher grade in all NTRI and pre-requisite courses.

**NUTRITION SCIENCE OPTION(NSPM)  
PROPOSED SEMESTER CURRICULUM MODEL**

FRESHMAN YEAR

**Fall Semester**

<b>BIOL 1020/1021</b>	<b>Principles of Biology</b>	<b>4</b>
CHEM 1030	Fundamentals of Chemistry I	3
CHEM 1031	Fundamentals of Chemistry I Lab	1
ENGL 1100	English Composition I	3
MATH 1610	Calculus I	4
	SCMH Pre-Health Professions	
SCMH 1890 OR	Orientation OR UNIV 1150 Pre-Health	
UNIV 1150	LC	<u>1</u>
		<u>16</u>

**Spring Semester**

<b>BIOL 1030/1031</b>	<b>Organismal Biology</b>	<b>4</b>
CHEM 1040	Fundamentals of Chemistry II	3
CHEM 1041	Fundamentals of Chemistry II Lab	1
ENGL 1120	English Composition II	3
<b>NTRI 2000</b>	<b>Nutrition and Health</b>	<b>3</b>
HISTORY	Core History I	<u>3</u>
		<u>17</u>

SOPHOMORE YEAR

**Fall Semester**

BIOL 2500	Human Anatomy and Physiology I	3
BIOL 2501	Human Anatomy and Physiology I lab	1
CHEM 2070	Organic Chemistry I	3
CHEM 2071	Organic Chemistry I Lab	1
PSYC 2010	Introduction to Psychology	3
STAT 2510	Stats. for Biological and Health Sciences	3
HISTORY	Core History II	<u>3</u>
		<u>17</u>

**Spring Semester**

BIOL 2510	Human Anatomy and Physiology II	3
BIOL 2511	Human Anatomy and Physiology II lab	1
BIOL 3000	Genetics	3
CHEM 2081	Organic Chemistry II Lab <sup>1</sup>	1
SOCY 1000	Sociology: Global Perspective	3
<b>NTRI 2070</b>	<b>Careers in Nutr., Dietetics &amp; Well.</b>	<b><u>1</u></b>
		<u>12</u>

JUNIOR YEAR

**Fall Semester**

<b>BCHE 3180</b>	<b>Nutritional Biochemistry</b>	<b>3</b>
<b>BIOL 3200</b>	<b>General Microbiology</b>	<b>3</b>
<b>BIOL 3201</b>	<b>General Microbiology lab</b>	<b>1</b>
BIOL 4100	Cell Biology	3
BIOL 4101	Cell Biology Lab	2
PHYS 1500	General Physics I	<u>4</u>
		<u>16</u>

**Spring Semester**

<b>HS Core</b>	<b>Human Sciences Core</b>	<b>3</b>
<b>NTRI 4820</b>	<b>Macronutrients Metabolism</b>	<b>3</b>
<b>NTRI 4830</b>	<b>Micronutrients Metabolism</b>	<b>3</b>
PHYS 1510	General Physics II	<u>4</u>
		<u>13</u>

SENIOR YEAR

**Fall Semester**

BIOL 5600 OR 4410	Mamm. Phys OR Vertebrate Dev.	5
<b>NTRI 5820</b>	<b>Nutrition in the Life Cycle</b>	<b>3</b>
FINE ARTS	Core Fine Arts	3
COMM 1000	Public Speaking	<u>3</u>
		<u>14</u>

**Spring Semester**

<b>NTRI 5100</b>	<b>Nutrition in Disease Prevention</b>	<b>3</b>
<b>NTRI 5830</b>	<b>Nutritional Genomics</b>	<b>3</b>
PHIL 1030	Ethics and the Health Sciences	3
LITERATURE	Core Literature	3
<b>HS Core</b>	<b>Human Sciences Core</b>	<b>3</b>
UNIV4AA0	Undergraduate Graduation	<u>0</u>
		<u>15</u>

**Total: 123 Semester Hours**

**University Core Notes:** Students in the Honors College may take equivalent honors courses. May use online version of classes.

**College and Department Notes:** Required major courses and College core courses are in **bold**. Grades in these courses are used to calculate the GPA in the major and to meet graduation standards. Students must receive a "C" or higher grade in all **NTRI** and pre-

<sup>1</sup> Pre-Physical Therapy/Pre-Occupational Therapy/Pre-Physician Assistant, students may substitute an additional psychology course for CHEM 2080 and CHEM 2081. Students should check specific requirements for schools in which they are applying.