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

Student Name	Date of Entry
SID 90	Advisor
Email	
University Core Curriculum (42 hours)	NSPM Major Core (23 hours)
ENGL 1100 English Composition I (3)	NTRI 1010 Introduction to the Pre-Health Professions (1)
ENGL 1120 English Composition II (3)	BIOL 1030 Organismal Biology (3)
MATH 1610 Calculus I (4)	BIOL 1031 Organismal Biology lab (1)
CHEM 1030 Fund. of Chemistry I (3)	NTRI 2070 Careers in Nutrition, Dietetics & Wellness (1)
CHEM 1031 Fund. of Chemistry I lab (1)	BCHE 3180 Nutritional Biochemistry (3)
CHEM 1040 Fund. of Chemistry II (3)	NTRI 4820 Macronutrients Metabolism (3)
CHEM 1041 Fund. of Chemistry II lab (1)	NTRI 4830 Micronutrients Metabolism (3)
Core History I (3)	NTRI 5100 Nutrition in Disease Prevention (3)
Core History II (3)	NTRI 5820 Nutrition in the Life Cycle (3)
SOCY 1000 Sociology: Global Perspective (3)	NTRI 5830 Nutritional Genomics (3)
PSYC 2010 Introduction to Psychology (3)	
Core Literature (3)	Required Supporting Courses (43 hours)
COMM 1000 Public Speaking (3)	BIOL 1020 Principles of Biology (3)
PHIL 1030 Ethics and the Health Sciences (3)	BIOL 1021 Principles of Biology lab (1)
Core Fine Arts (3)	BIOL 3200 General Microbiology (3)
	BIOL 3201 General Microbiology lab (1)
Required Major Core Course (3)	BIOL 2500 Human Anatomy and Physiology I (3)
NTRI 2000 Nutrition and Health	BIOL 2501 Human Anatomy and Physiology I lab (1)
	BIOL 2510 Human Anatomy and Physiology II (3)
Human Sciences Core Courses (6 hours, choose 2)	BIOL 2511 Human Anatomy and Physiology II (1)
CADS 2000 Global Consumer Culture (3)	BIOL 3000 Genetics (3)
HOSP 2000 Principles of Service Management (3)	BIOL 4100 Cell Biology (3)
HDFS 2100 Love, Life, and Growing Up: The Science	BIOL 4101 Cell Biology Lab (2)
of Human Connections (3)	CHEM 2070 Organic Chemistry I (3)
	CHEM 2071 Organic Chemistry I Lab (1)
Professional Electives (3 hours) <sup>2</sup>	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)
Required Graduation Course	PHYS 1510 General Physics II (4)
UNIV 4AA0 Undergraduate Graduation (0)	STAT 2510 Stat. for Biological and Health Sciences (3)

Total Hours: 120

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

<sup>&</sup>lt;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.

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

## **FRESHMAN YEAR**

BIOL 1020/1021   Principles of Biology
CHEM 1030 CHEM 1031         Fundamentals of Chemistry I Lab         3 CHEM 1040 CHEM 1041         Fundamentals of Chemistry II Lab         1 CHEM 1041 Fundamentals of Chemistry II Lab         1 CHEM 1041 Fundamentals of Chemistry II Lab         1 CHEM 1041 Fundamentals of Chemistry II Lab         1 CHEM 1041 Fundamentals of Chemistry II Lab         1 CHEM 1041 Fundamentals of Chemistry II Lab         1 CHEM 1041 Fundamentals of Chemistry II Lab         1 CHEM 1041 Fundamentals of Chemistry II Lab         1 CHEM 1041 Fundamentals of Chemistry II Lab         1 CHEM 1041 Fundamentals of Chemistry II Lab         1 CHEM 1041 Fundamentals of Chemistry II Lab         3 CHEM 1120 Fundamentals of Chemistry II Lab         3 COVE History II         3 COVE History II Fundamentals of Chemistry II Lab         3 COVE History II Fundamentals of Chemistry II Lab         4 NTRI 2000 Fundamentals of Chemistry II Lab         8 Pring Semester         8 Pring Semester         9 Pring Semester
CHEM 1031       Fundamentals of Chemistry I Lab       1       CHEM 1041       Fundamentals of Chemistry II Lab       1         ENGL 1100       English Composition I       3       ENGL 1120       English Composition II       3         MATH 1610       Calculus I       4       NTRI 2000       Nutrition and Health       3         SCMH Pre-Health Professions       HISTORY       Core History I       3         SCMH 1890 OR       Orientation OR UNIV 1150 Pre-Health       17         UNIV 1150       LC       1       1         SOPHOMORE YEAR         Sophomore YEAR         Fall Semester         BIOL 2500       Human Anatomy and Physiology I       3       BIOL 2510       Human Anatomy and Physiology II       3         BIOL 2501       Human Anatomy and Physiology I lab       1       BIOL 2501       Human Anatomy and Physiology II lab       1         CHEM 2070       Organic Chemistry I Lab       1       CHEM 2081       Organic Chemistry II Lab¹       1         PSYC 2010       Introduction to Psychology       3       SOCY 1000       Sociology: Global Perspective       3         STAT 2510       Stats. for Biological and Health Sciences       3       NTRI 2070       Careers in Nutr., Dieteites & Well.
ENGL 1100         English Composition I         3         ENGL 1120         English Composition II         3           MATH 1610         Calculus I         4         NTRI 2000         Nutrition and Health         3           SCMH 1890 OR         Orientation OR UNIV 1150 Pre-Health         UNIV 1150         LC         1/16           SOPHOMORE YEAR         Spring Semester           BIOL 2500         Human Anatomy and Physiology I         3         BIOL 2510         Human Anatomy and Physiology II ab         1           BIOL 2501         Human Anatomy and Physiology I lab         1         BIOL 2511         Human Anatomy and Physiology II ab         1           CHEM 2070         Organic Chemistry I Lab         1         CHEM 2081         Organic Chemistry II Lab¹         1           PSYC 2010         Introduction to Psychology         3         SOCY 1000         Sociology: Global Perspective         3           STAT 2510         Stats. for Biological and Health Sciences         3         NTRI 2070         Careers in Nutr., Dieteites & Well.         1           HISTORY         Core History II         3         NTRI 4820         Macronutrients Metabolism         3           BOCHE 3180         Nutritional Biochemistry         3         NTRI 4830         Micronutrients Metabolism
MATH 1610 Calculus I SCMH Pre-Health Professions HISTORY Core History I 3  SCMH 1890 OR Orientation OR UNIV 1150 Pre-Health UNIV 1150 LC 1/16 SOPHOMORE YEAR  Fall Semester Spring Semester  BIOL 2500 Human Anatomy and Physiology I 3 BIOL 2510 Human Anatomy and Physiology II bl 1 BIOL 2501 Human Anatomy and Physiology I lab 1 CHEM 2070 Organic Chemistry I 3 BIOL 3000 Genetics Genetics 3  CHEM 2071 Organic Chemistry I Lab Organic Chemistry II Lab Organic Chemistry I Lab Organic Chemistry I Lab Organic Chemistry II Lab Organic Chemistry I Lab Organic Chemistry II Lab Organi
SCMH Pre-Health Professions SCMH 1890 OR UNIV 1150 LC SOPHOWORE YEAR  Fall Semester  Fall Semester  BIOL 2500 Human Anatomy and Physiology I Human Anatomy and Physiology I lab BIOL 2501 Human Anatomy and Physiology I lab CHEM 2070 Organic Chemistry I Organic Chemistry I CHEM 2071 Organic Chemistry I Lab CHEM 2070 Organic Chemistry I Lab CHEM 2081 Organic Chemistry II Lab Careers in Nutr., Dietetics & Well. I HISTORY  Spring Semester  Marriage & Family in a Global Con. 3 DINIOR YEAR Fall Semester NTRI 4820 Macronutrients Metabolism Micronutrients Metabolism 3
UNIV 1150 LC  SOPHOMORE YEAR  Fall Semester  Fall Semester  Fall Semester  BIOL 2500 Human Anatomy and Physiology I
UNIV 1150 LC  SOPHOMORE YEAR  Fall Semester  Fall Semester  Fall Semester  BIOL 2500 Human Anatomy and Physiology I
Fall Semester  NTRI 4820  Nutritional Biochemistry  Spring Semester  Advanced Spring Semester  Spring Semester  Fall Semester  Spring Semester  Spring Semester  Marriage & Family in a Global Con. 3  Macronutrients Metabolism  Advanced Spring Semester  Marriage & Family in a Global Con. 3  Macronutrients Metabolism  Macronutrients Metabolism  Advanced Spring Semester  Marriage & Family in a Global Con. 3  Macronutrients Metabolism  Macronutrients Metabolism  Advanced Spring Semester  Marriage & Family in a Global Con. 3  Macronutrients Metabolism
Fall Semester  Spring Semester  Human Anatomy and Physiology I   3 BIOL 2510 Human Anatomy and Physiology II   3 BIOL 2501 Human Anatomy and Physiology II   3 BIOL 2511 Human Anatomy and Physiology II   3 BIOL 2511 Human Anatomy and Physiology II   3 Genetics  CHEM 2070 Organic Chemistry I Lab   1 CHEM 2081 Organic Chemistry II Lab   1 PSYC 2010 Introduction to Psychology   3 SOCY 1000 Sociology: Global Perspective   3 STAT 2510 Stats. for Biological and Health Sciences   3 NTRI 2070 Careers in Nutr., Dietetics & Well.   1 HISTORY  Core History II   3   17   12   12   12   12   12   12   12
BIOL 2500 Human Anatomy and Physiology I 3 BIOL 2510 Human Anatomy and Physiology II 3 BIOL 2501 Human Anatomy and Physiology I lab 1 BIOL 2511 Human Anatomy and Physiology II lab 1 CHEM 2070 Organic Chemistry I 2 BIOL 3000 Genetics 3 CHEM 2071 Organic Chemistry I Lab 1 CHEM 2081 Organic Chemistry II Lab 1 PSYC 2010 Introduction to Psychology 3 SOCY 1000 Sociology: Global Perspective 3 STAT 2510 Stats. for Biological and Health Sciences 3 NTRI 2070 Careers in Nutr., Dietetics & Well. 1 HISTORY Core History II 3 TO THISTORY The Fall Semester Spring Semester Spring Semester HDFS 2000 Marriage & Family in a Global Con. 3 Marriage & Family in a Global Con. 4 Marriage & Fam
BIOL 2500 Human Anatomy and Physiology I 3 BIOL 2510 Human Anatomy and Physiology II 3 BIOL 2501 Human Anatomy and Physiology I lab CHEM 2070 Organic Chemistry I 3 BIOL 3000 Genetics 3 CHEM 2071 Organic Chemistry I Lab 1 CHEM 2081 Organic Chemistry I Lab 1 CHEM 2081 Organic Chemistry II Lab 1 1 PSYC 2010 Introduction to Psychology 3 SOCY 1000 Sociology: Global Perspective 3 STAT 2510 Stats. for Biological and Health Sciences 3 NTRI 2070 Careers in Nutr., Dietetics & Well. 1 HISTORY Core History II  3 To Spring Semester  JUNIOR YEAR Fall Semester NTRI 4820 Macronutrients Metabolism 3 BCHE 3180 Nutritional Biochemistry 3 NTRI 4830 Micronutrients Metabolism 3
BIOL 2501 Human Anatomy and Physiology I lab CHEM 2070 Organic Chemistry I
CHEM 2070 Organic Chemistry I
PSYC 2010 Introduction to Psychology 3 SOCY 1000 Sociology: Global Perspective 3 STAT 2510 Stats. for Biological and Health Sciences 3 NTRI 2070 Careers in Nutr., Dietetics & Well. 1  HISTORY Core History II 3 To Spring Semester  JUNIOR YEAR Fall Semester HDFS 2000 Marriage & Family in a Global Con. 3  BCHE 3180 Nutritional Biochemistry 3 NTRI 4830 Micronutrients Metabolism 3
STAT 2510 Stats. for Biological and Health Sciences 3 NTRI 2070 Careers in Nutr., Dietetics & Well. 1  HISTORY Core History II 3 12  Spring Semester  JUNIOR YEAR Fall Semester NTRI 4820 Macronutrients Metabolism 3  BCHE 3180 Nutritional Biochemistry 3 NTRI 4830 Micronutrients Metabolism 3
HISTORY Core History II 3 12  Spring Semester  JUNIOR YEAR Fall Semester NTRI 4820 Macronutrients Metabolism 3  BCHE 3180 Nutritional Biochemistry 3 NTRI 4830 Micronutrients Metabolism 3
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Spring SemesterJUNIOR YEARHDFS 2000Marriage & Family in a Global Con.3Fall SemesterNTRI 4820Macronutrients Metabolism3BCHE 3180Nutritional Biochemistry3NTRI 4830Micronutrients Metabolism3
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Fall Semester NTRI 4820 Macronutrients Metabolism 3 BCHE 3180 Nutritional Biochemistry 3 NTRI 4830 Micronutrients Metabolism 3
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BIOL 3200 General Microbiology 3 PHYS 1510 General Physics II 4
BIOL 3201 General Microbiology lab 1
BIOL 4100 Cell Biology 3 Spring Semester
BIOL 4101 Cell Biology Lab 2 NTRI 5100 Nutrition in Disease Prevention 3
PHYS 1500 General Physics I 4 NTRI 5830 Nutritional Genomics 3
16 PHIL 1030 Ethics and the Health Sciences 3
LITERATURE Core Literature 3
SENIOR YEAR CADS 2000 Global Consumer Culture 3
Fall Semester UNIV4AA0 Undergraduate Graduation 0
BIOL 5600 OR 4410 Mamm. Phys OR Vertebrate Dev. 5
NTRI 5820 Nutrition in the Life Cycle 3
FINE ARTS Core Fine Arts 3
COMM 1000 Public Speaking 3
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## **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>&</sup>lt;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.