

# NUTRITION - BS, HUMAN HEALTH TRACK

## Program Requirements

### First Year

Fall		Semester Credit Hours
BIOL 111	Introductory Biology I	4
CHEM 119	Fundamentals of Chemistry I	4
ENGL 103 or ENGL 104	Introduction to Rhetoric and Composition or Composition and Rhetoric	3
NUTR 204	Perspectives in Nutrition	1
NUTR 203	Scientific Principles of Human Nutrition	3
NUTR 210/ FSTC 210	Horizons in Nutrition and Food Science	1
<b>Semester Credit Hours</b>		<b>16</b>

### Spring

BIOL 112	Introductory Biology II	4
CHEM 120	Fundamentals of Chemistry II	4
NUTR 301	Nutrition Through Life	3
American history ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a> )		3
<b>Semester Credit Hours</b>		<b>14</b>

### Second Year

Fall		Semester Credit Hours
CHEM 257	Organic Chemistry I - Structure and Function	4
ENGL 210	Technical and Professional Writing	3
American history ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a> )		3
Mathematics ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics</a> ) <sup>1</sup>		3
Social and behavioral science ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences</a> ) <sup>2</sup>		3
<b>Semester Credit Hours</b>		<b>16</b>

### Spring

CHEM 258	Organic Chemistry II - Reactivity and Applications	4
POLS 206	American National Government	3
Creative arts ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts</a> ) <sup>2</sup>		3
Mathematics ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics</a> ) <sup>1</sup>		3
General elective		1
<b>Semester Credit Hours</b>		<b>14</b>

### Third Year

Fall		Semester Credit Hours
POLS 207	State and Local Government	3
NUTR 366	Nutrients and the Human Body I	4
Nutrition elective		
Select one of the following:		3
NUTR 211	Scientific Principles of Foods	
NUTR 300/ FSTC 300	Religious and Ethnic Foods	
NUTR 306	Nutrition in Sports	
NUTR 320/ FSTC 320	Understanding Obesity - A Social and Scientific Challenge	
NUTR 365	Nutritional Physiology of Vitamins and Minerals	
NUTR 403	Advanced Nutrition in Sports	
NUTR 410/ FSTC 410	Nutritional Pharmacometrics of Food Compounds	
NUTR 430	Community Nutrition	
NUTR 454	Nutrigenomics and Precision Nutrition	
NUTR 469	Experimental Nutrition Laboratory	
NUTR 471	Evidence-Based Practice and Synthesis Methods	
NUTR 485	Directed Studies	
NUTR 489	Special Topics in...	
NUTR 491	Research	
Technical elective <sup>3</sup>		3
General elective		3
<b>Semester Credit Hours</b>		<b>16</b>

### Spring

GENE 301	Comprehensive Genetics	3
NUTR 367	Nutrients and the Human Body II	4
GENE 312	Comprehensive Genetics Laboratory	1
Select one of the following:		3
STAT 301	Introduction to Biometry	
STAT 302	Statistical Methods	
STAT 303	Statistical Methods	
Technical elective <sup>3</sup>		3
<b>Semester Credit Hours</b>		<b>14</b>

### Fourth Year

Fall		Semester Credit Hours
BICH 409	Principles of Biochemistry	3
NUTR 440	Microbes and Microbiome in Nutrition	4
Nutrition elective		
Select one of the following:		3
NUTR 211	Scientific Principles of Foods	
NUTR 300/ FSTC 300	Religious and Ethnic Foods	
NUTR 306	Nutrition in Sports	
NUTR 320/ FSTC 320	Understanding Obesity - A Social and Scientific Challenge	
NUTR 365	Nutritional Physiology of Vitamins and Minerals	
NUTR 403	Advanced Nutrition in Sports	

NUTR 410/ FSTC 410	Nutritional Pharmacometrics of Food Compounds	
NUTR 430	Community Nutrition	
NUTR 454	Nutrigenomics and Precision Nutrition	
NUTR 469	Experimental Nutrition Laboratory	
NUTR 471	Evidence-Based Practice and Synthesis Methods	
NUTR 485	Directed Studies	
NUTR 489	Special Topics in...	
NUTR 491	Research	
Technical elective <sup>3</sup>		3
<b>Semester Credit Hours</b>		<b>13</b>

**Spring**

NUTR 400	Ethics in Nutrition and Healthcare	1
NUTR 475	Nutrition and Physiological Chemistry	3
NUTR 481	Seminar	1
Language, philosophy and culture ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture</a> ) <sup>2</sup>		3
Nutrition elective		
Select from the following:		6
NUTR 211	Scientific Principles of Foods	
NUTR 300/ FSTC 300	Religious and Ethnic Foods	
NUTR 306	Nutrition in Sports	
NUTR 320/ FSTC 320	Understanding Obesity - A Social and Scientific Challenge	
NUTR 365	Nutritional Physiology of Vitamins and Minerals	
NUTR 403	Advanced Nutrition in Sports	
NUTR 410/ FSTC 410	Nutritional Pharmacometrics of Food Compounds	
NUTR 430	Community Nutrition	
NUTR 454	Nutrigenomics and Precision Nutrition	
NUTR 469	Experimental Nutrition Laboratory	
NUTR 471	Evidence-Based Practice and Synthesis Methods	
NUTR 485	Directed Studies	
NUTR 489	Special Topics in...	
NUTR 491	Research	
Technical elective <sup>3</sup>		3
<b>Semester Credit Hours</b>		<b>17</b>
<b>Total Semester Credit Hours</b>		<b>120</b>

(<http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/>) catalog page.

<sup>3</sup> Students may choose from the following technical electives: ACCT 209; BICH 431/GENE 431; BIOL 352, BIOL 413 or BIOL 414; CHEM 238, CHEM 315 and CHEM 318; COMM 203, COMM 315 or COMM 325; FINC 409; HLTH 236, HLTH 334, HLTH 354/PHLT 354, ISTM 209; MGMT 209, MGMT 309; MKTG 409, SOCI 205; PBSI 300-499 (<http://catalog.tamu.edu/undergraduate/course-descriptions/pbsi/>); PHYS 201, PHYS 202; VTPP 425.

A total of 120 hours is required for graduation; 36 hours of 300/400 level courses are required to meet the Texas A&M University residency requirement.

<sup>1</sup> MATH prefix required.

<sup>2</sup> The Graduation requirements include a requirement for 3 hours of International and Cultural Diversity (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/>) and 3 hours of Cultural Discourse (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/cultural-discourse-requirements/>). Selection must be from courses in the Core Curriculum. Selection can be courses that also satisfy the requirement for social and behavioral sciences; creative arts; language, philosophy and culture; or electives. For more information on core requirements visit the University Core Curriculum