













2022 - 2023 Major Map

Applied Nutrition and Health, BS

School/College: College of Health Solutions
NHFNUENBS

This program's name has changed effective Fall 2024. The previous name was Food and Nutrition Entrepreneurship.

Term 1 - A 0 - 7 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHS 101: The ASU Experience for Health Solutions Students	1		<ul style="list-style-type: none">• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.• Students who enter as first-year students must complete CHS 100; students who enter with more than 45 hours should complete CHS 300 instead.
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none">• Build your professional connections -- join the ASU Mentor Network.• View ASU Online first-year student registration information here.
MAT course (MA) (MAT 142 recommended)	3	C	
Term hours subtotal:	6		
Term 2 - A 13 - 20 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 101: Introductory Chemistry (SQ)	4	C	<ul style="list-style-type: none">• Visit the CHS Student Site for resources, forms, appointment scheduling, internship information, etc.
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	7		
Term 2 - B 20 - 26 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition	3	C	<ul style="list-style-type: none">• Join a student club or professional organization.
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 26 - 32 Credit Hours	Hours	Minimum Grade	Notes
AGB 250: Economics of Resource Allocation: Food and Agriculture	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 3 - B 32 - 38 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HCD 300: Biostatistics (CS) OR STP 226: Elements of Statistics (CS)	3	C	• Develop your skills .
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		
Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
BIO 160: Introduction to Anatomy and Physiology (SQ) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
Elective	3		
Term hours subtotal:	7		
Term 4 - B 45 - 51 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 NTR 142: Applied Food Principles	3	C	• Secure a part-time job or volunteer experience .
NTR 290: Introduction to Evidence-Based Research in Nutrition (L)	3	C	
Term hours subtotal:	6		
Term 5 - A 51 - 57 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 ENG 301: Writing for the Professions (L) OR NTR 351: Nutrition Communication (L) OR TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) (NTR 348 recommended)	3		
Term hours subtotal:	6		
Term 5 - B 57 - 63 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 NTR 343: Food Service Purchasing	3	C	• Develop your professional online presence .
Elective	3		
Term hours subtotal:	6		
Term 6 - A 63 - 69 Credit Hours	Hours	Minimum Grade	Notes
ACC 382: Accounting and Financial Analysis	3	C	
Elective	3		
Term hours subtotal:	6		
Term 6 - B 69 - 75 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
NTR 345: Development of Healthy Cuisines	3	C	• Use Handshake to research employment opportunities .
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		
Term 7 - A 75 - 81 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 HSC 355: Eating for Lifelong Health (SB) OR NTR 450: Nutrition in the Life Cycle (SB)	3	C	

NTR 344: Nutrition Management and Leadership (L)	3	C
Term hours subtotal:	6	

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
MKT 390: Essentials of Marketing OR MKT 391: Essentials of Selling OR MKT 395: Essentials of Advertising and Marketing Communication	3	C	• Gather professional references.
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 380: Management and Strategy for Nonmajors	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 455: Retail Food Service Operations	3	C	
NTR 445: Management of Food Service Systems	4	C	
Term hours subtotal:	7		

Term 9 - B 106 - 112 Credit Hours	Hours	Minimum Grade	Notes
CIS 300: Web Design and Development	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - A 112 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 448: Community Nutrition (L)	3	C	• NTR 448 fulfills the college's experiential learning requirement.
Upper Division Elective	2		
Term hours subtotal:	5		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
NTR 360: Nutrition Entrepreneurship	3	C	• Apply for full-time career opportunities
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s),

determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs.

Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed next to courses on the major map were valid for the 2022 - 2023 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.