











2019 - 2020 Major Map

Nutrition (Human Nutrition), BS

School/College: College of Health Solutions
ECNTRHBS

ASU is no longer accepting new students to this program. Students interested in this program should apply to the **Nutritional Science, BS**.

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all freshman students. • Take CHM 101 or 113 depending on preparation; see course description • Network in your career interest area. • Students who enter as freshmen or sophomores must complete CHS 100; students who enter as juniors or seniors may complete CHS 300 instead.
CHS 100: Designing Your Well-Being (SB) OR CHS 300: The Science of Well-Being (SB)	3	C	
CHS 101: The ASU Experience for Health Solutions Students	1		
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	
MAT 170: Precalculus (MA)	3	C	
Term hours subtotal:	14		
Term 2 14 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> • Join a student club or professional organization.
 CHM 116: General Chemistry II (SQ)	4	C	
 NTR 241: Human Nutrition	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	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		
Term 3 31 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 202: Human Anatomy and Physiology II (SG)	4	C	<ul style="list-style-type: none"> • Students who wish to apply to medical school or dental school should take 8 semester hours of organic chemistry. These students should enroll in CHM 233 and CHM 237 in this term rather than the CHM 231 and CHM 235.
 CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	
STP 226: Elements of Statistics (CS) OR HCD 300: Biostatistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		

❗ Complete First-Year Composition requirement.

❗ Complete Mathematics (MA) requirement.

Term hours subtotal: 14

- Students who take CHM 233 and CHM 237 must take CHM 234 and CHM 238 in order to take BCH 361 Principles of Biochemistry.
- Develop your **skills**.

Term 4 45 - 61 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> • Students who took CHM 233 and CHM 237 in term 3 must take CHM 234 and CHM 238 in this term in order to take BCH 361 Principles of Biochemistry. • NTR 290 fills the required Health Informatics and Problem-Solving competency area • Secure a part-time job or volunteer experience. • Explore research opportunities.
NTR 142: Applied Food Principles	3	C	
NTR 290: Introduction to Evidence-Based Practice (L)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 61 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 341: Medical Nutrition Therapy I	3	C	<ul style="list-style-type: none"> • Develop your professional online presence.
BIO 182: General Biology II (SG)	4	C	
CHS 294: Community Health and Translational Research OR CHS 484: Internship	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	16		

Term 6 77 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH 361: Advanced Principles of Biochemistry	3	C	<ul style="list-style-type: none"> • Research employment opportunities.
★ NTR 440: Advanced Human Nutrition I	3	C	
NTR 457: Sports Nutrition	3	C	
Complete 2 courses: Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 441: Advanced Human Nutrition II	3	C	<ul style="list-style-type: none"> • Gather professional references.
★ NTR 444: Medical Nutrition Therapy II	3	C	
MIC 205: Microbiology (SG) or MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)	4	C	
NTR 448: Community Nutrition (L)	3	C	
Upper Division Elective	2		
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 446: Medical Nutrition Therapy III	4	C	<ul style="list-style-type: none"> • Apply for full-time career opportunities.
NTR 450: Nutrition in the Life Cycle I (SB)	3	C	

Upper Division Elective	3
Elective	3
Term hours subtotal:	13

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

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 2019 - 2020 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.