

2024 - 2025 Major Map

Applied Science (Applied Nutrition and Health), **BAS**

School/College: College of Health Solutions
ECNTRBAS

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

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		
Term hours subtotal:	60		<ul style="list-style-type: none"> Students may meet lower division general studies requirements with the AAS degree. Students must complete all ASU general studies requirements in order to earn ASU BAS degree. Students should work with their academic advisor to run their DARS graduation audit to determine needed general studies requirements.
Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	6		<ul style="list-style-type: none"> Visit the CHS website for current student resources including forms and policies, advising appointment scheduling, internship information, and more. Students who are interested in pursuing a graduate program in dietetics should meet with their academic advisor to select appropriate coursework. Pre-dietetics students should take NTR 241 and are recommended to take a statistics course.
Term 5 - B 66 - 72 Credit Hours	Hours	Minimum Grade	Notes
Major Elective	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	6		<ul style="list-style-type: none"> Select a major elective from the list at bottom of major map. Pre-dietetics students should meet with their academic advisor to select appropriate major electives.
Term 6 - A 72 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 343: Food Service Purchasing	3	C	
Upper Division Elective	2		
Term hours subtotal:	5		<ul style="list-style-type: none"> Develop your professional online presence.
		Minimum	

Term 6 - B 77 - 83 Credit Hours	Hours	Grade	Notes
NTR 348: Cultural Aspects of Food (GCSI OR SB & C & G)	3	C	<ul style="list-style-type: none"> Select a major elective from the list at bottom of major map. Pre-dietetics students should meet with their academic advisor to select appropriate major electives.
Major Elective	3	C	
Term hours subtotal:	6		

Term 7 - A 83 - 89 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 351: Nutrition Communication (L)	3	C	<ul style="list-style-type: none"> Select an upper division major elective from the list at bottom of major map. Pre-dietetics students should meet with their academic advisor to select appropriate major electives.
Upper Division Major Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 89 - 95 Credit Hours	Hours	Minimum Grade	Notes
NTR 448: Community Nutrition (L)	3	C	<ul style="list-style-type: none"> Gather professional references
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 95 - 101 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 344: Nutrition Management and Leadership (L)	3	C	<ul style="list-style-type: none"> Select an upper division major elective from the list at bottom of major map. Pre-dietetics students should meet with their academic advisor to select appropriate major electives.
Upper Division Major Elective	3	C	
Term hours subtotal:	6		

Term 8 - B 101 - 108 Credit Hours	Hours	Minimum Grade	Notes
NTR 445: Management of Food Service Systems	4	C	<ul style="list-style-type: none"> Select an upper division major elective from the list at bottom of major map. Pre-dietetics students should meet with their academic advisor to select appropriate major electives.
Upper Division Major Elective	3	C	
Term hours subtotal:	7		

Term 9 - A 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 380: Management and Strategy	3	C	<ul style="list-style-type: none"> Apply for full-time career opportunities
HSC 355: Eating for Lifelong Health (SOBE OR SB) OR NTR 450: Nutrition in the Life Cycle (SOBE OR SB)	3	C	
Term hours subtotal:	6		

Term 9 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses:	6		
Upper Division Elective			
Term hours subtotal:	6		

- Students interested in becoming a Registered Dietitian should meet with their academic advisor to discuss a graduate program in Dietetics which integrates the required coursework and experiential

learning to prepare students for the Registered Dietitian (RD) exam. Upon passing the RD Exam, graduates can work as Registered Dietitian Nutritionists (RDN). For more information about institutions that offer a graduate program in Dietetics, please visit [here](#) and search for *Graduate Programs* which are available in several states and online.

- For pre-dietetics students interesting in taking organic chemistry as an elective, the CHM 235 Elementary Organic Chemistry Laboratory is only offered in-person at a university campus location. This laboratory course will be offered during summer which may impact your financial aid. [Learn](#) more about summer financial aid and additional ways to cover summer costs. Students also have the option to complete the laboratory at a local institution. Visit the [Transfer Credit Guide](#) to find equivalent courses near you and consult with your academic advisor.

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

Major Electives
BCH 361: Advanced Principles of Biochemistry
BIO 201: Human Anatomy and Physiology I (SCIT OR SG)
BIO 202: Human Anatomy and Physiology II (SCIT OR SG)
CHM 231: Elementary Organic Chemistry (SCIT OR SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SCIT OR SQ)
CHS 260: Health Professions Terminology
CIS 300: Web Design and Development
MIC 205: Microbiology (SCIT OR SG) AND MIC 206: Microbiology Laboratory (SCIT OR SG)
MKT 390: Essentials of Marketing or MKT 391: Essentials of Selling or MKT 395: Essentials of Advertising and Marketing Communication
NTR 290: Introduction to Evidence-Based Research in Nutrition (L)
NTR 341: Medical Nutrition Therapy I
NTR 345: Development of Healthy Cuisines
NTR 350: Nutrition Counseling
NTR 455: Retail Food Service Operations
PSY 101: Introduction to Psychology (SOBE OR SB)

- **Total Hours:** 120
- **Upper Division Hours:** 45 minimum
- [University Undergraduate Graduation Requirements](#)

Notes:

Mathematics Placement Assessment score determines placement in first mathematics course.

General Studies designations listed next to courses on the major map were valid for the 2024 - 2025 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.