

**BACHELOR OF SCIENCE IN NUTRITION, Human Nutrition
Nutrition Sciences**

Effective for students admitted to the College of Education and Human Ecology beginning Summer 2015

COURSE & NUMBER	HRS	COURSE & NUMBER	HRS
UNIVERSITY REQUIREMENTS (55-61)		Foundational Science Requirements (26-28)	
Writing (6)		CHEM 2510	4
ENGLISH 1110.01 or 1110.02 or ¹ 1110.03	3	CHEM 2540	2
2nd Level Writing Course (2367)	3	⁴ MICROBIO 4000	4
² Literature (3)	3	PHYSIO 3101 and 3102	3+3
² Arts (3)	3	OR	OR
Math (5-7)		PHYSIO 3200	5
Math Placement M or higher, MATH 1148 or Equiv	0-4	BIOCHEM 4511	4
MATH 1149 or 1150	3-5	MOLGEN 4500	3
Data Analysis (3)	3	CHEM 2210 or BIOCHEM 5621 or MOLGEN 5601 or 5602	3-5
Sciences (18)			
BIOLOGY 1113 and 1114	8	MAJOR REQUIREMENTS (19-21)	
CHEM 1210 and 1220	10	HUMNNTR 2295 Careers in Nutrition	1
		HUMNNTR 2310 Fund of Nutrition	3
² Historical Study (3)	3	HUMNNTR 3780H Nutr Research Methods	2
Social Sciences (6)		HUMNNTR 4609 Macronutrient Metabolism	3
³ PSYCH 1100	3	HUMNNTR 4610 Micronutrient Metabolism	3
SOCIOL 1101	3	HUMNNTR 3506 Nutrition Across Life Span	3
² Culture & Ideas or ² Historical Study (3)	3	HUMNNTR 4189 Prof Experience	1-3
Open Option (6)		ANIMSCI 5070 Nutr Immun in Anim Sci OR	
Choice	3	ANIMSCI 5530 Comparative Nutrient Metabolism	3
Choice	3		
HUMANEC 1100 (1)	1	Major Admission Requirements: Application process requiring completion of application, 2.5 OSU GPA or higher, successful completion of: English 1110.0x, Math 1130 or higher, Chemistry 1210 & 1220, Biology 1113, and biographical statement.	
Electives (10-20)	10-20		
Suggested Electives			
PHYSICS 1200	5		
PHYSICS 1201	5		
CHEM 2520	4		
CHEM 2550	2	CREDIT HRS REQUIRED	120

¹ English 1110.03 must be taken concurrently with English 1193.03

²Students must complete two Global Issues courses, which are typically met by selecting Literature, Art, Cultures & Ideas, or Historical Study courses that meet this requirement.

³ Students must complete one Social Diversity in the US course, which is met by taking PSYCH 1100.

⁴May double-count with 1 Open Option GE

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Semester By Semester Guide

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Minimum hours required for graduation: 120

	Autumn		Spring		Summer
Year 1	MATH 1150 ENGLISH 1110.01 EHE 1100 GE Science: CHEM 1210	5 3 1 5	GE Science: BIOLOGY 1113 HUMNNTR 2295 GE Social Science: PSYCH 1100 GE Science: CHEM 1220 GE Arts	4 1 3 5 3	
30/121		14		16	
Year 2 Applications accepted each term by the first Friday of the semester.	GE Second Writing/Social Diversity GE Science: BIOLOGY 1114 GE Social Science: SOCIOL 1101 PHYSIO 3200	3 4 3 5	GE Open Option: MICROBIO 4000 HUMNNTR 2310 CHEM 2510 CHEM 2540 GE Cultures&Ideas/Hist	3 3 2 4 3	
60/121		15		15	
Year 3	BIOCHEM 4511 MOLGEN 4500 Elective Elective HUMNTR 3506	4 3 3 2 3	GE Data Analysis: CHEM 2210 HUMNNTR 4609 GE Literature/Global Issues Elective	5 3 3 4	
90/121		15		15	
Year 4	HUMNNTR 4610 GE Open Option HUMNNTR 3780H ANMSCI 5070 Elective	3 3 1 3 5	GE Historical Study/Global Issues HUMNNTR 4189 Elective Elective Elective	3 3 3 3 3	
120/120		15		15	
Notes:					
<ul style="list-style-type: none"> • Courses in bold are only offered once a year in the specified term • Course term of offering is subject to change 					

ANIMSCI 5070- Prereq: 3130 or HumnNtr 2310, or Grad standing.
ANIMSCI 5530- Prereq: 3130 (330) or HumnNtr 2310, and Biochem 4511.
BIOCHEM 4511- Prereq: Chem 1220 or 1250, and 2510 or 2310, and one semester of Biological Sciences; or permission of instructor. This course is available for EM credit.
BIOCHEM 5621- Prereq: 4511 or 5613, or equiv.
BIOLOGY 1113- Prereq: Math 1130, 1148, 1150, or above, or Math Placement Level L or M. Prereq or concur: Chem 1110, 1210, 1610, or 1910H, or permission of course coordinator. This course is available for EM credit.
BIOLOGY 1114- Prereq: Math 1130, 1148, or 1150 or above, or Math Placement Level L or M. Prereq or concur: Chem 1110, 1210, 1610, or 1910H, or permission of course coordinator. This course is available for EM credit.
CHEM 1210- Prereq: One unit of high school chemistry, and Math Placement Level L or M; or a grade of C- or above in Math 1130, 1131, 1148, 1150, or above. Not open to students with credit for 1250, 1610, or 1910H. This course is available for EM credit.
CHEM 1220- Prereq: 1210, 1215, 1250, 1610, or 1910H, and Math Placement Level L or M; or a grade of C- or above in Math 1130, 1131, 1148, or 1150, or above. Not open to students with credit for 1620 or 1920H. This course is available for EM credit.
CHEM 2210- Prereq: 1220, 1620, or 1920H, and Math Placement Level L, or a grade of C- or above in Math 1148 and 1149, or 1130, 1131, or 1150, or above. Not open to students with credit for 2210H.
CHEM 2510- Prereq: 1220, 1620 or 1920H.
CHEM 2540- Prereq or concur: 2510, 2610 or 2910H.
ENGLISH 1110.01- Prereq: EduTL1902 or 1902.04, or English Placement Level 4.
HUMNNTR 2310- Prereq: Biology 1113 or 1101, or equiv; and Chem 1210 and 1220. This course is available for EM credit.
HUMNNTR 3506- Prereq: 2310 or AnimSci 3130.
HUMNNTR 3780H- Enrollment open to honors and non-honors students
HUMNNTR 4189- Prereq: Jr standing and HumnNtr major.
HUMNNTR 4609- Prereq: C- or above in 2310 or AnimSci 3130; and Biochem 2210 and Chem 2310, or Biochem 4511, or MolBioc 3311 and 3312; and EEOB 2520, or Physio 3101 and 3102, or 3200.
HUMNNTR 4610- Prereq: 4609 (610) and C- or higher in 2310; and HumnNtr, MedDiet, AnimSci, or HNPE major.
MATH 1148- Prereq: A grade of C- or above in 1075, or credit for 104 or 148, or Math Placement Level N, or permission of department. This course is available for EM credit.
MATH 1149- Prereq: A grade of C- or above in 1148, or permission of department. Not open to students with credit for 1144, or for any Math course numbered 1150 (150) or above. This course is available for EM credit
MOLGEN 4500- Prereq: Biology 1101, 1113, or 1113H, and 3 additional sem cr hrs in Biological Sciences.
MOLGEN 5601- Prereq: 4500 or 4606, and Biochem 4511 or equiv, or permission of instructor.
MOLGEN 5602- Prereq: 4500 or 4606, and Biochem 4511 or equiv; or permission of instructor.
PHYSICS 1200- Prereq: A grade of C- or above in Math 1148, or Math Placement Level M. This course is available for EM credit.
PHYSICS 1201- Prereq: 1200. This course is available for EM credit.
PHYSIO 3101- Prereq: Two semesters of Chem.
PHYSIO 3102- Prereq: Physio 3101
PHYSIO 3200- Prereq: 6 sem cr hrs in the biological sciences.
PSYCH 1100- Prereq: Not open to students with credit for 1100H or 1100E. This course is available for EM credit.
SOCIOL 1101- Prereq: Not open to students with credit for 1101H, 1101E, RurlSoc 1500, or equiv.