UNC GREENSBORO
Department *of* Nutrition

Nutrition Science Concentration (revised 05/02/25)

The Nutrition Science concentration prepares students for entry into medical, physician's assistant, dental, chiropractic or graduate school; trains students for research and development in the biomedical, biotechnical, and pharmaceutical industries.

Tips for Success:

- To graduate in 4 years, you should be taking 15 credit hours most semesters.
- Prioritize completing BIO 111/L, CHE 111, CHE 112, CHE 1114, and BIO 277/L by the end of your sophomore year as these are pre-requisites science courses for your junior year.
- Success in college requires 2-3 hours of studying for every 1 credit hour (so a 3-credit class requires 6-9 hours per week outside the classroom). Please plan accordingly!

COURSEWORK	Credit Hours
Minerva Academic Curriculum (MAC)	**33 to 34**
Concentration Requirements*	
Biology Required Courses	**24**
BIO 111 & 111L Principles of Biology I and Lab	4
BIO 112 & 112L Principles of Biology II and Lab	4
BIO 277 & 277L Human Physiology (or KIN 292/292L)	4
BIO 280 & BIO 280L Microbiology	4
BIO 355 Cell Biology	3
BIO 375 Cell Biology and Genetics Lab	2
BIO 392 Genetics	3
Chemistry Required Courses	**12**
CHE 111 and CHE 112 General Descriptive Chemistry I and Lab	4
CHE 114 and CHE 115 General Descriptive Chemistry II and Lab	4
CHE205 & CHE206 Organic Chemistry#	4
Electives	**13 to 15**
Students can customize electives to their interests and professional programs (e.g. CHE351/353 Organic I and CHE 352 Organic II for Pre Med)	
Additional Required Courses	**9**
ENG 101 Exploring Writing in College Contexts	3
MAT 115 College Algebra or MAT 118 Algebra w/ Business Applic.	3
STA 108 Elementary Introduction to Probability and Statistics	3
Nutrition Required Courses	**27 to 29**
NTR 101 Find Your Way in Nutrition (Fall only)	1
NTR 213 Introductory Nutrition	3
NTR 302 Nutrition Education and Application Processes**	3
NTR 313 Nutrition Throughout the Life Cycle**	3

NTR 413 Intermediate Nutrition** (Fall only)	3
NTR 431 Nutrition and Human Metabolism** (Spring only)	4
NTR 460 Advanced Nutrition** (Fall only)	4
TRACK 1 or TRACK 2	**6 to 8**
TRACK1: NTR 474 Medical Nutritional Therapy I** (Fall only)	(4)
TRACK1: NTR 475 Medical Nutritional Therapy II** (Spring only)	(4)
OR	
TRACK2: NTR 450 Nutrition Assessment** (Fall only)	(3)
TRACK2: Pick 1 - NTR 476 Sports Nutrition** (Spring only) OR; BIO 435 Metabolic Regulation in Health & Disease OR; BIO 436 Biology of Aging OR; BIO 442 Genes & Signals OR; BIO 473 Drugs & the Brain OR; BIO 478 Hormones in Action OR; BIO 486 Cell Cycle & Cancer OR; BIO 487 Epigenetics	(3)
Total required credits (including 36 in 300-level or higher courses)	**120**

Prerequisite List for NTR Courses

Course	Semester Offered	Prerequisites and/or corequisites
NTR 302	Both	ENG 101; NTR 213
NTR 313	Both	NTR 213
NTR 413	Fall	BIO 111/L; BIO 277/L; CHE 111; CHE 112; CHE 114; NTR 213
NTR 431	Spring	NTR 413; CHE 205/206
NTR 450	Fall	NTR 313; NTR 413
NTR 460	Fall	NTR 313; NTR 431
NTR 474	Fall	NTR 313; NTR 431
NTR 475	Spring	NTR 474
NTR 476	Spring	NTR 413

*Minimum grade requirements of C for NTR courses; C- for other required courses.
**Course has pre-requisites.
#Students who need 2 semesters of organic chemistry for professional programs are encouraged to take their general chemistry classes their freshman year so they can take Organic I (CHE351) and Organic II (CHE352/CHE354) their sophomore year. Organic I and II meet the requirements of CHE205/206.