

**B.S./M.S. in Nutritional Sciences: PRE-MEDICAL PROFESSION 4 + 1**

Recommended Course Sequence (students are required to meet with their advisor)

B.S. requires a total of 120 credits. M.S. requires a total of 30 credits of which up to 12 may have been used for the B.S. degree.

<b>Fall Semester</b>	<b>FRESHMAN</b>	<b>Credits</b>	<b>Spring Semester</b>	<b>FRESHMAN</b>	<b>Credits</b>
<b>CHEM 1127Q</b>	<b>General Chemistry I</b>	4	<b>CHEM 1128Q</b>	<b>General Chemistry II</b>	4
<b>ENGL 1007</b>	<b>Seminar in Writing</b>	4	NUSC 1167	Food, Culture and Society	3
<b>NUSC 1165</b>	<b>Fundamentals of Nutrition</b>	3	STAT 1100Q	Elementary Concepts of Statistics	4
<b>BIOL 1107 (or 1108)</b>	<b>Principles of Biology</b>	4	BIOL 1108 (or 1107)	Principles of Biology	4
UNIV 1810	Learning Community Seminar: Nutritional Sciences	1			
Total		16	Total		15
<b>Fall Semester</b>	<b>SOPHOMORE</b>	<b>Credits</b>	<b>Spring Semester</b>	<b>SOPHOMORE</b>	<b>Credits</b>
<b>CHEM 2443</b>	<b>Organic Chemistry</b>	3	<b>CHEM 2444</b>	<b>Organic Chemistry</b>	3
<b>NUSC 2200</b>	<b>Nutrition and Human Development</b>	3	MATH 1132Q	Calculus II	4
MATH 1131Q	Calculus I	4	SOCI 1001	Intro to Sociology	3
<b>PNB 2264</b>	<b>Human Anatomy &amp; Physiology I</b>	4	<b>PNB 2265</b>	<b>Human Anatomy &amp; Physiology II</b>	4
Content Area 1		3	Content Area 4		3
Total		17	Total		17
<b>Fall Semester</b>	<b>JUNIOR</b>	<b>Credits</b>	<b>Spring Semester</b>	<b>JUNIOR</b>	<b>Credits</b>
NUSC 3233	Food Comp & Preparation	3	<b>NUSC 4236</b>	<b>Metabolism and Functions of Nutrients</b>	4
CHEM 2445	Organic Chemistry Laboratory	3	<b>NUSC 4237W</b>	<b>Writing in Nutritional Sciences</b>	1
PSYC 1100	General Psychology I	3	NUSC 3230	Community Nutrition	3
<b>MCB 2000</b>	<b>Intro to Biochemistry</b>	4	MCB 2210	Cell Biology	3
Content Area 1		3	NUSC 4299	Independent Study	3
Total		16	Environmental Literacy		3
			Total		17
<b>Fall Semester</b>	<b>SENIOR</b>	<b>Credits</b>	<b>Spring Semester</b>	<b>SENIOR</b>	<b>Credits</b>
MCB 2400 (or 2410)	Human Genetics (or Genetics)	3	PHYS 1202Q	General Physics II	4
PHYS 1201Q	General Physics I	4	NUSC 4296W	Honors Thesis	3
NUSC 4299	Independent Study	3	NUSC 5300	Vitamins and Minerals	3
NUSC 5100	Concepts of Nutrition	2	Electives		5
NUSC 5200	Macronutrient Metabolism	3			
Total		15	Total		15
<b>Fall Semester</b>	<b>GRAD</b>	<b>Credits</b>	<b>Spring Semester</b>	<b>GRAD</b>	<b>Credits</b>
NUSC 5394	STAT course	3	NUSC 5/6xxx	Grad elective	3
NUSC 5/6xxx	Seminar	1		Grad elective	4
GRAD 5910	Grad elective	3	GRAD 5950	Master's Thesis Research	5
GRAD 5950	Responsible Conduct in Research	1			
	Master's Thesis Research	4			
Total		12	Total		12

**Bolded courses** are required for a B.S. in Nutritional Sciences. This Plan of Study assumes that the **foreign language** requirement is completed before admission to the university. If needed, a student may take these as electives. This plan assumes that the student will pursue a Plan A MS degree, completing 9 credits of GRAD 5950 Master's Thesis Research credits and writing a thesis. The Plan B non-thesis option is also possible, with the substitution of graduate coursework for the Master's Thesis Research credits.