

# Suggested Course Sequence for Nutritional Sciences Curriculum

	<b>Fall Semester</b>	<b>Spring Semester</b>
<b>First Year</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> NUTR 400 - Nutrition Health &amp; Well Being</li> <li><input type="checkbox"/> ENGL 401 - First-Year Writing (WI)</li> <li><input type="checkbox"/> SOC 400 - Introductory Sociology <b>OR</b> PSYC 401 - Introduction to Psychology</li> <li><input type="checkbox"/> ZOOL 507 - Human Anatomy &amp; Physiology</li> <li><input type="checkbox"/> NUTR 401 - Professional Perspectives on Nutrition</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> ZOOL 508 - Human Anatomy &amp; Physiology</li> <li><input type="checkbox"/> NUTR Elective (400-level)*</li> <li><input type="checkbox"/> General Education Course (4, 5, 6 or 8)</li> <li><input type="checkbox"/> Elective</li> </ul>
<b>Second Year</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> BIOL 411 – Principles of Biology</li> <li><input type="checkbox"/> CHEM 403 – General Chemistry</li> <li><input type="checkbox"/> BIOL 528 - Applied Biostatistics I</li> <li><input type="checkbox"/> General Education Course (4, 5, 6 or 8)</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> BIOL 412 - Principles of Biology II</li> <li><input type="checkbox"/> CHEM 404 - General Chemistry</li> <li><input type="checkbox"/> MICR 503 - General Microbiology</li> <li><input type="checkbox"/> General Education Course (4, 5, 6 or 8)</li> </ul>
<b>Third Year</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> CHEM 545 - Organic Chemistry (or 651)</li> <li><input type="checkbox"/> CHEM 546 - Organic Chemistry Lab (or 653)</li> <li><input type="checkbox"/> PHYS 401 - Introduction to Physics I</li> <li><input type="checkbox"/> BIOL 604 - Principles of Genetics</li> <li><input type="checkbox"/> NUTR Elective*</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> BCHM 658 - General Biochemistry</li> <li><input type="checkbox"/> BCHM 659 - General Biochemistry Lab</li> <li><input type="checkbox"/> PHYS 402 - Introduction to Physics II</li> <li><input type="checkbox"/> NUTR Elective*</li> <li><input type="checkbox"/> Elective (CHEM 652&amp;4 if pre-med)</li> </ul>
<b>Fourth Year</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> NUTR 750 - Nutritional Biochemistry (WI)</li> <li><input type="checkbox"/> NUTR Elective*</li> <li><input type="checkbox"/> General Education Course (4, 5, 6 or 8)</li> <li><input type="checkbox"/> Elective</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> NUTR Elective*</li> <li><input type="checkbox"/> Elective</li> <li><input type="checkbox"/> Elective</li> <li><input type="checkbox"/> Elective</li> </ul>

\*12 credits of NUTR electives are required

**Suggested NUTR Electives:**

- o NUTR 405 - Food and Society (Gen Ed #7, WI)
- o NUTR 476 - Nutritional Assessment
- o NUTR 510 - Nutrition Education and Counseling
- o NUTR 546 - Nutrition, Exercise, & Fitness
- o NUTR 550 - Food Science: Principle and Practice
- o NUTR 650 - Life Cycle Nutrition
- o NUTR 680 - Practicum in Weight Management
- o NUTR 709 - Nutritional Epidemiology
- o NUTR 711 - Lipid Metabolism
- o NUTR 720 - Community Nutrition (WI)
- o NUTR 740 - Nutrition for Children w/ Special Needs
- o NUTR 756 - Treatment of Adult Obesity
- o NUTR 760 - Geriatric Nutrition
- o NUTR 770 - Nutrition & Gender Based Health Concerns
- o NUTR 773 - Clinical Nutrition

**Other suggested electives:**

- o ANSC 626 - Cell Physiology
- o ANSC 701 - Physiology of Reproduction
- o ANSC 702 - Endocrinology
- o ANSC 704 - Principles of Pathobiology
- o ANSC 714 - Research Methods in Endocrinology
- o ANSC 715 - Physiology of Lactation
- o ANSC 718 - Mammalian Physiology
- o ANSC 751 - Cell Culture
- o BCHM 754 - Laboratory in Biochemistry & Molecular Biology of Nucleic Acids
- o MATH 424B - Calculus for Life Sciences (if pre-med)