

MINOR INFORMATION:

- If you are interested in furthering your career in the field of research, this minor might be for you! A precision nutrition and wellness minor prepares you to gain the skills to build upon big data solutions developed for precision medicine and cancer treatment by finding new ways to apply data to better understand precision health from a holistic perspective, including interactions between genes, diets, and lifestyles. Experience in precision nutrition is relevant to many different careers, including genomic counseling, research coordination, data & bioinformatic science, and research & development specialization.

MINOR REQUIREMENTS:

- Complete twenty (20) units
- Nine (9) units of the eighteen must be upper division (300-499 level)
- NSC 101 or NSC 170C1 is a recommended first course and is a pre-requisite to the nutrition core courses & the nutrition electives

MINOR POLICIES:

- For students who matriculated prior to Spring 2022, per the general education policy, NSC 170C1 may only satisfy one requirement, the Tier I Natural Sciences or Intro to Human Nutrition requirement. If you choose to use NSC 170C1 towards your Tier I Natural Sciences requirement, you will need to take another nutrition elective in its place to reach the required minor units.
- For students who matriculated prior to Spring 2022, a maximum of two Tier Two general education courses may also be used to satisfy the minor requirements.
- For students who matriculated in Spring 2022 or beyond, up to nine (9) units may double count to fulfill requirements in a major, pre-major, minor, and General Education requirement, provided the units are taken in courses that are approved General Education Exploring Perspectives or Building Connections courses.
- The minor electives listed have been approved for the Precision Nutrition & Wellness minor. No other courses may satisfy the electives requirement, unless approved by your Precision Nutrition & Wellness minor advisor.

DECLARING THE MINOR:

- Email: nscadvising@arizona.edu to declare the Precision Nutrition & Wellness minor.

MINOR ADVISING:

- For general questions, please email: nscadvising@arizona.edu.

REQUIRED INTRODUCTORY COURSE (complete three (3) units) :

NSC 101 or NSC 170C1 - Introduction to Human Nutrition (3 units)

REQUIRED CORE COURSES (complete eight (8) units) :

NSC 275 - Fundamentals of Precision Nutrition and Wellness (3 units)
NSC 308 - Nutrition & Metabolism (3 units)
NSC 370 - Emerging Topics in Precision Nutrition and Wellness (3 units)

DATA ANALYTICS & TECHNOLOGY ELECTIVE (complete three (3) units) :

ECOL 346 - Bioinformatics (3 units)
MCB 416A - Bioinformatics and Functional Genomic Analysis (3 units)
MCB 422 - Problem Solving with Genetic Tools (3 units)
MIC 340 - Introduction to Biotechnology (3 units)

HEALTH & WELLNESS ELECTIVE (complete three (3) units) :

HPS 478 - Public Health Nutrition (3 units)
NSC 301 - Nutrition & the Life Cycle (3 units)
NSC 320 - Physical Activity & Health Promotion (3 units)

DIET & GENES ELECTIVE (complete three (3) units) :

BE 487 - Metagenomics: From Genes to Ecosystems (3 units)
FSHD 200 - Evolution and Human Development (3 units)
NSC 375 - Diet, Genes & Disease (3 units)
NSC 470 - Precision Nutrition in Biomarkers of Health and Disease (3 units)
NSC 475 - Nutrigenomics (3 units)
NSC 480 - Precision Nutrition & Lifestyle Genomics (3 units)

PLAN YOUR MINOR COURSES HERE:

- 1) _____
- 2) _____
- 3) _____ (upper division)
- 4) _____ (upper division)
- 5) _____ (upper division)
- 6) _____
- 7) _____

_____ /20 units

Minimum units required: 20

Upper division units required: 9