

# NUTRITIONAL SCIENCES (B.S.)

Required course work includes the university requirements (see regulation J-3 (<https://catalog.uidaho.edu/general-requirements-academic-procedures/j-general-requirements-baccalaureate-degrees/>)) and:

Code	Title	Hours
BIOL 115 & 115L	Cells and the Evolution of Life and Cells and the Evolution of Life Laboratory	4
BIOL 227	Anatomy and Physiology I	4
BIOL 228	Anatomy and Physiology II	4
BIOL 250 & BIOL 255	General Microbiology and General Microbiology Lab	5
BIOL 300 or BIOL 380	Survey of Biochemistry or Biochemistry I	3
BIOL 310 & BIOL 315	Genetics and Genetics Lab	4
BIOL 312 & BIOL 313	Molecular and Cellular Biology and Molecular and Cellular Laboratory	4
CHEM 111 & 111L	General Chemistry I and General Chemistry I Laboratory	4
CHEM 112 & 112L	General Chemistry II and General Chemistry II Laboratory	5
CHEM 277 & CHEM 278	Organic Chemistry I and Organic Chemistry I: Lab	4
HDFS 105	Individual and Family Development	3
FN 205	Concepts in Human Nutrition	3
FN 415	Advanced Nutrition	3
FN 466	Nutrition Assessment Laboratory	1
FN 491	Community Nutrition	3
FN 305	Nutrition in the Life Cycle	3
ESHS 455	Design & Analysis of Research in Movement Sciences	3
MATH 143 or MATH 170	Precalculus I: Algebra or Calculus I	3
PSYC 101	Introduction to Psychology	3
SOC 101	Introduction to Sociology	3
STAT 251	Statistical Methods	3
Select 8 credits of FCS electives		8
Advisor Approved Pre-Health Elective		8
<b>Total Hours</b>		<b>88</b>

## Courses to total 120 credits for this degree

Fall Term 1	Hours
ENGL 101 Writing and Rhetoric I	3
FN 205 Concepts in Human Nutrition	3
HDFS 105 Individual and Family Development	3
MATH 143 Precalculus I: Algebra	3
Oral Communication Course	3
<b>Hours</b>	<b>15</b>
<b>Spring Term 1</b>	
CHEM 111 General Chemistry I	3

CHEM 111L General Chemistry I Laboratory	1
ENGL 102 Writing and Rhetoric II	3
FN 205 Concepts in Human Nutrition	3
PSYC 101 Introduction to Psychology	3
Humanistic and Artistic Ways of Knowing Course	3
<b>Hours</b>	<b>16</b>
<b>Fall Term 2</b>	
BIOL 115 Cells and the Evolution of Life	3
BIOL 115L Cells and the Evolution of Life Laboratory	1
CHEM 112 General Chemistry II	4
CHEM 112L General Chemistry II Laboratory	1
SOC 101 Introduction to Sociology	3
FCS Elective, Major Elective Course	3
<b>Hours</b>	<b>15</b>
<b>Spring Term 2</b>	
BIOL 250 General Microbiology	3
BIOL 255 General Microbiology Lab	2
BIOL 312 Molecular and Cellular Biology	3
BIOL 313 Molecular and Cellular Laboratory	1
STAT 251 Statistical Methods	3
FCS Elective, Major Elective Course	3
<b>Hours</b>	<b>15</b>
<b>Fall Term 3</b>	
BIOL 227 Anatomy and Physiology I	4
BIOL 300 or BIOL 380 Survey of Biochemistry or Biochemistry I	3
CHEM 277 Organic Chemistry I	3
CHEM 278 Organic Chemistry I: Lab	1
FCS Elective, Major Elective Course	2
Elective Course	3
<b>Hours</b>	<b>16</b>
<b>Spring Term 3</b>	
BIOL 228 Anatomy and Physiology II	4
BIOL 310 Genetics	3
BIOL 315 Genetics Lab	1
Pre-Health Elective, Major Elective Course	4
Humanistic and Artistic Ways of Knowing Course	3
<b>Hours</b>	<b>15</b>
<b>Fall Term 4</b>	
FN 305 Nutrition in the Life Cycle	3
FN 415 Advanced Nutrition	3
FN 491 Community Nutrition	3
American Diversity Course	3
Elective Course	3
<b>Hours</b>	<b>15</b>
<b>Spring Term 4</b>	
FN 466 Nutrition Assessment Laboratory	1
ESHS 455 Design & Analysis of Research in Movement Sciences	3
International Course	3
Pre-Health Elective, Major Elective Course	3
Elective Course	3
<b>Hours</b>	<b>13</b>
<b>Total Hours</b>	<b>120</b>

The degree map is a guide for the timely completion of your curricular requirements. Your academic advisor or department may be contacted for assistance in interpreting this map. This map is not reflective of your academic history or transcript and it is not official notification of completion of degree or certificate requirements. Please contact the Registrar's Office regarding your official degree/certificate completion status.

## MATH 170 Starting Mathematics Plan

Fall Term 1		Hours
CHEM 111	General Chemistry I	3
CHEM 111L	General Chemistry I Laboratory	1
ENGL 101	Writing and Rhetoric I	3
FN 205	Concepts in Human Nutrition	3
HDFS 105	Individual and Family Development	3
MATH 170	Calculus I	4
<b>Hours</b>		<b>17</b>
Spring Term 1		Hours
BIOL 115	Cells and the Evolution of Life	3
BIOL 115L	Cells and the Evolution of Life Laboratory	1
CHEM 112	General Chemistry II	4
CHEM 112L	General Chemistry II Laboratory	1
ENGL 102	Writing and Rhetoric II	3
PSYC 101	Introduction to Psychology	3
<b>Hours</b>		<b>15</b>
Fall Term 2		Hours
BIOL 227	Anatomy and Physiology I	4
BIOL 250	General Microbiology	3
BIOL 255	General Microbiology Lab	2
FCS Elective, Major Elective Course		3
American Diversity Course		3
<b>Hours</b>		<b>15</b>
Spring Term 2		Hours
BIOL 228	Anatomy and Physiology II	4
CHEM 277	Organic Chemistry I	3
CHEM 278	Organic Chemistry I: Lab	1
STAT 251	Statistical Methods	3
FCS Elective, Major Elective Course		3
<b>Hours</b>		<b>14</b>
Fall Term 3		Hours
BIOL 300 or BIOL 380	Survey of Biochemistry or Biochemistry I	3
BIOL 310	Genetics	3
BIOL 315	Genetics Lab	1
FN 305	Nutrition in the Life Cycle	3
Oral Communication Elective		3
Humanistic Ways of Knowing		3
<b>Hours</b>		<b>16</b>
Spring Term 3		Hours
FN 415	Advanced Nutrition	3
FN 450	Global Nutrition	3
Humanistic and Artistic Ways of Knowing Course		3
Pre-Health Elective		4
FCS Elective, Major elective		3
<b>Hours</b>		<b>16</b>
Fall Term 4		Hours
FN 491	Community Nutrition	3
SOC 101	Introduction to Sociology	3
Pre-Health Elective		4
FCS Elective, Major elective		4
<b>Hours</b>		<b>14</b>
Spring Term 4		Hours
BIOL 312	Molecular and Cellular Biology	3
BIOL 313	Molecular and Cellular Laboratory	1
ESHS 455	Design & Analysis of Research in Movement Sciences	3
FN 466	Nutrition Assessment Laboratory	1
International Course		3

Elective	2
<b>Hours</b>	<b>13</b>
<b>Total Hours</b>	<b>120</b>

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- 1. Learn and Integrate:** Understand nutritional science from the perspective of human metabolism with in-depth concentration on physiological and biochemical reactions. Integrate nutrition metabolism in the context of social, economic, and environmental factors affecting food sources and nutrient composition.
- 2. Think and Create; Communicate; Practice Citizenship:** Obtain knowledge and develop skills in research methods and design to expand the field of nutrition sciences via dissemination of new scientific findings and improve the health of the general public.
- 3. Clarify Purpose and Perspective:** Integrate nutrition metabolism in the context of social, economic, and environmental factors affecting food sources and nutrient composition.