

**Transfer Pathway**
**Associate of Science in Biology, Botany, & Zoology**
**North Idaho College**

Course #	Course Name	UofI Equivalent	Cr
<b>1. General Education Requirements</b>			
<b>A. Written Communication (6 credits)</b>			
ENGL 101	Writing & Rhetoric I	ENGL 101	3
ENGL 102	Writing & Rhetoric II	ENGL 102	3

<b>B. Oral Communication (3 credits)</b>			
COMM 101	Fund of Oral Comm	COMM 101	3

<b>C. Mathematical Way of Knowing (3-5credits)</b>			
MATH 143	College Algebra	MATH 143	3

<b>D. Scientific Way of Knowing (7-8 credits)**</b>			
BIOL 115	Introduction to Life Sciences	BIOL 115 & 115L	4
CHEM 111	General Chemistry I	CHEM 111 & 111L	5

<b>E. Humanistic Way of Knowing (6 credits)**</b>			

<b>F. Social and Behavioral Way of Knowing (6 credits)**</b>			

<b>G. Institutionally Designated Courses (5 credits)</b>			

<b>2. Degree Requirements</b>			
BIOL 231	General Ecology	FOR 221	4
BACT 250	General Microbiology	BIOL 250 & 255L	4
or BYNY 241	Systematic Botany	REM 341 (LWDV)	4
BTNY 203	General Botany	PLSC 205	4
CHEM 112	General Chemistry II	CHEM 112 & 112L	5
MATH 160	Survey of Calculus	MATH 160	4
or MATH 170	Calculus I	MATH 170	4
PHYS 111	General Physics I	PHYS 111 & 111L	4
ZOOL 202	General Zoology	BIOL 114	4

**Minimum Total Credits 63**

**Planning Notes**

1. This document does not substitute for meeting with your advisor. See the current North Idaho College catalog for complete degree requirements.
2. Transfer to the University of Idaho with an Associate from the North Idaho College through the Articulation Agreement.
3. University of Idaho Transfer Policies and Course Equivalencies can be found at <https://www.uidaho.edu/registrar/transfer>.
4. Work with a North Idaho College advisor to ensure proper course sequencing for the Associate degree.
5. Apply for admission to University of Idaho at <https://www.uidaho.edu/admissions/apply>.
6. Submit official transcripts to University of Idaho (Moscow). Submit a final official transcript once your degree is posted.
7. A full listing of applicable courses as well as guidelines for completion of the Associate is available at <https://catalog.nic.edu/>

\*Recommended course

\*\*Credits must be earned from two different disciplines

**Transfer Pathway**
**B.S. Biology**

University of Idaho

Course #	Course Name	Cr	Planning Notes
BIOL 213	Principles of Biological Structure and Function	4	1. This document does not substitute for meeting with your advisor. See the current University of Idaho catalog for complete degree requirements at: <a href="https://catalog.uidaho.edu/">https://catalog.uidaho.edu/</a>  2. Presenting this document to your academic advisor can allow you to be moved to the 2023-2024 University of Idaho catalog.  3. To graduate with this degree, the department requires an institutional GPA of at least 2.0 in all courses completed at the University of Idaho.  4. A minimum of 120 credits is required.  5. Review the Degree Audit regularly to check your status of completion of major and/or minor.  6. A full listing of applicable courses as well as guidelines for completion of the Bachelor degree is available at <a href="https://catalog.uidaho.edu">https://catalog.uidaho.edu</a>
BIOL 300	Survey of Biochemistry	3-4	
or BIOL 380	Biochemistry I		
BIOL 310	Genetics	3	
BIOL 312	Molecular and Cellular Biology	3	
BIOL 313	Molecular and Cellular Laboratory	1	
BIOL 314	Ecology and Population Biology	4	
BIOL 315	Genetics Lab	1	
BIOL 400	Seminar	1-16	
BIOL 421	Advanced Evolution/Population Dynamics	3	
CHEM 277	Organic Chemistry I	3	
CHEM 278	Organic Chemistry I: Lab	1	
MATH 170	Calculus I	4	
STAT 251	Statistical Methods	3	
or STAT 301	Probability and Statistics		
Select one of the following Senior Experience courses		2-3	
BIOL 401	Undergraduate Research (Max 8 cr)		
BIOL 407	Practicum in Biology Lab Teaching (Max 12 cr)		
BIOL 408	Practicum in Human Physiology Lab Teaching (Max 8 cr)		
BIOL 411	Senior Capstone		
BIOL 425	Experimental Field Ecology		
Select one of the following:		3	
ENGL 207	Persuasive Writing		
ENGL 208	Personal & Exploratory Writing		
ENGL 317	Technical Writing		
ENGL 318	Science Writing		
Select one of the following:		4	
PHYS 112	General Physics II		
& 112L	and General Physics II Lab		
PHYS 212	Engineering Physics II		
& 212L	and Laboratory Physics II		
Select 14 credits from the approved electives		14	

**Minimum Total Credits 120**