Transfer Pathway	Associate of Science in Engineering
North Idaho College	

Course #	Course Name	UofI Equivalent	Cr
1. General Education Requirements			
A. Written Communication (6 credits)			
ENGL 101*	Writing & Rhetoric I	ENGL 101	3
ENGL 102*	Writing & Rhetoric II	ENGL 102	3
B. Oral Communication (3 credits)			
COMM 101*	Fundamentals of Oral Comm	COMM 101	3
C. Mathematical Way of Knowing (3-5 credits)			
MATH 170	Calculus I	MATH 170	4
D. Scientific Way of Knowing (7-8 credits)**			
CHEM 111	General Chemistry I	CHEM 111 & 111L	5
PHYS 211	Engineering Physics I	PHYS 211 & 211L	5
E. Humanistic Way of Knowing (6 credits)**			
PHIL 103	Introduction to Ethics	PHIL 103	3
F. Social and Behavioral Way of Knowing (6 credits)**			
ECON 201	Principles of Macroeconomics	ECON 201	3
G. Institutionally Designated Courses (4-6 credits)			
Select one Wellness Course From the Approved List			1-3
Select one course from one of the following approved lists:			3
First Year Experience			
Institutionally Designated			
2. Degree Requirements			
ENGR 123	Intro to Engineering	ENGR 123	2
ENGR 210	Statics	ENGR 210	3
MATH 175	Calculus II	MATH 175	4
MATH 370	Intro to Ordinary Differential Equations	MATH 310 (LWDV)	3
3. Program Electives: Select 13-18 credits from approved list of Electives			13-18
Suggested Electives			
ENGR 220*	Dyanmics of Rigid Bodies	ENGR 220	3
ENGR 223*	Engineering Analysis	ME 223	3
ENGR 240*	Circuits I	ENGR 240	4
ENGR 295*	Strength of Materials	ENGR 350 (LWDV)	3
MATH 275*	Calculus III	MATH 275	4
MATH 335*	Linear Algebra	MATH 330 (LWDV)	3
PHYS 212*	Engineering Physics II	PHYS 212 & 212L	5

Minimum Total Credits **64-71**

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 offical transcripts to University of Idaho (Moscow). Submit a final offical transcript once your degree is posted

7. A full listing of applicable courses as well as guidelines for completion of the Associate is avaliable at https://catalog.nic.edu/

This pathway is also available on our Transfer Equivalency System

*Recommended course

**Credits must be earned from two different disciplines

Course #	Course Name	Cr
ENGR 212	Python Programming Essentials	3
ENGR 215	Elements of Materials Science	3
ENGR 335	Engineering Fluid Mechanics	3
ME 290	Computer Aided Design Methods	3
ME 313	Dynamic Modeling of Engineering Systems	3
ME 322	Mechanical Engineering Thermodynamics	3
ME 325	Machine Component Design I	3
ME 330	Experimental Methods for Engineers	3
ME 341	Intermediate Mechanics of Materials	3
ME 345	Heat Transfer	3
ME 416	FE Exam Review	1
ME 424	Mechanical Systems Design I	3
ME 426	Mechanical Systems Design II	3
ME 430	Senior Lab	3
ME 435	Thermal Energy Systems Design	3

Technical Elective requirements	15

Minimum Total Credits   128

Planning Notes

1. This document does not substitute for meeting with your advisor. See the current University of Idaho catalog for complete degree requirements at: https://catalog.uidaho.edu/

2. Presenting this document to your academic advisor can allow you to be moved to the 2024-2025 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 avaliable at https://catalog.uidaho.edu

This pathway is also available on our Transfer Equivalency System