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 (5 credits)			
2. Degree Requirements			
ENGR 123	Intro to Engineering	ENGR 102	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. Suggested Elective Courses			
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 II	MATH 275	4
MATH 335	Linear Algebra	MATH 330 (LWDV)	3
PHYS 212	Engineering Physics II	PHYS 212 & 212L	5

Minimum Total Credits 60

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/

*Recommended course
**Credits must be earned from two different disciplines

University of Idaho

Transfer Pathway **B.S. Mechanical Engineering**

University of Idaho

Course #	Course Name	Cr
ENGL 317	Technical Writing	3
ENGR 335	Engineering Fluid Mechanics	3
MSE 201	Elements of Materials Science	3
ME 123	Introduction to Mechanical Design	3
ME 301	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 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 avaliable at https://catalog.uidaho.edu