

Transfer Pathway
Associate of Engineering
College of Southern Idaho

CSI Course #	CSI Course Name	U of I Equivalent	Cr
1. General Education Requirements			
A. Written Communication (6 credits)			
ENGL 101	Writing and Rhetoric I	ENGL 101	3
ENGL 102	Writing and Rhetoric II	ENGL 102	3
B. Oral Communication (3 credits)			
COMM 101	Fundamentals of Oral Comm	COMM 101	3
C. Mathematical Way of Knowing (3-4 credits)			
MATH 170	Calculus I	MATH 170	5
D. Scientific Way of Knowing (7-8 credits)**			
CHEM 111 & 111L	General Chemistry I & Lab	CHEM 111 & 111L	5
PHYS 211 & 211L	Phsics Scientists & Engineers 1/Lab	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 202	Principles of Microeconomics	ECON 202	3
2. Degree Requirements			
ENGI 105	CAD Engineering Graphics	ENGR 105	2
ENGI 120	Intro to Engineering	ENGR 123	2
MATH 175	Calculus II	MATH 175	4
Program Electives: Select Programs electives to fulfill 22 credit limit			22
<i>Engineering</i>			
ENGI 210*	Mechanics Statics	ENGR 210	3
ENGI 220*	Mechanics Dynamics	ENGR 220	3
<i>Mathematics</i>			
MATH 275*	Calculus III	MATH 275	4
MATH 310*	Ordinary Differential Equation	MATH 310 (LWDV)	3
MATH 230*	Introduction to Linear Algebra	MATH 330 (LWDV)	3
<i>Science</i>			
PHYS 212 & 212L*	Physics Scientists & Engineers 2/Lab	PHYS 212 & 212L	5
Select 1 more course from Engineering, Math, or Science to meet credit count			1-5

Planning Notes

1. This document does not substitute for meeting with your advisor. See the current College of Southern Idaho catalog for complete degree requirements
2. Transfer to the University of Idaho with an Associate from the College of Southern Idaho 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 College of Southern Idaho 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. 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://csi.smartcatalogiq.com/en/2024-2025/catalog/>

Suggested electives listed will place you above the minimum credit requirement for the A.A. These can be taken at either CSI or U of I per your own preference

This pathway is also available on our Transfer Equivalency System

*Recommended courses

**Credits must be earned from two different disciplines

Minimum Total Credits 60

Transfer Pathway
B.S.M.E Mechanical Engineering
University of Idaho

U of I Course #	U of I Course Name	Cr
ENGR 212	Python Programming Essentials	3
ENGR 215	Elements of Materials Science	3
ENGR 240	Introduction to Electrical Circuits	3
ENGR 335	Engineering Fluid Mechanics	3
ENGR 350	Engineering Mechanics of Materials	3
ME 223	Mechanical Design Analysis	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

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 a 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 &/or minor
6. A full listing of applicable courses as well as guidelines for completion of the Bachelor degree is available at <https://catalog.uidaho.edu/colleges-related-units/engineering/computer-science/cybersecurity-bs/>

Technical Elective Requirements: See approved List	15

If you didn't take any of the suggested electives on the CSI side, you must take them at U of I to meet graduation requirements

This pathway is also available on our Transfer Equivalency System

Minimum Total Credits 128