

Transfer Pathway
Associate of Engineering in Civil Engineering

College of Southern Idaho

| Course # | Course Name | UofI 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) | | | |
| | | | |
| 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 | General Chemistry I | CHEM 111 & 111L | 5 |
| PHYS 211 | Physics Scientists & Engineers 1 | 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 |
| or ECON 202 | Principles of Microeconomics | ECON 202 | |
| G. Institutionally Designated Courses (5 credits) | | | |
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| 2. Degree Requirements | | | |
| COMS 229 | CS & Programming 1 | CS 120 | 3 |
| ENGI 105 | CAD Engineering Graphics | ENGR 105 | 2 |
| ENGI 120 | Intro to Engineering | ENGR 000 | 2 |
| ENGI 210 | Mechanics Statics | ENGR 210 | 3 |
| ENGI 220 | Mechanics Dynamics | ENGR 220 | 3 |
| ENGI 240 | Electrical Circuits | ENGR 240 | 4 |
| ENGI 295 | Strengths of Materials | ENGR 350 (LWDV) | 3 |
| MATH 175 | Calculus 2 | MATH 175 | 4 |
| MATH 275 | Calculus 3 | MATH 275 | 4 |
| MATH 230 | Intro to Linear Algebra | MATH 330 | 3 |
| MATH 310 | Ordinary Differential Equation | MATH 310 (LWDV) | 3 |
| PHYS 212 | Physics Scientists & Engineers 2 | PHYS 212 & 212L | 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/2021-2022/Catalog>

*Recommended courses

**Credits must be earned from two different disciplines

Minimum Total Credits 63

Transfer Pathway
B.S.C.E. Civil Engineering

University of Idaho

| Course # | Course Name | Cr | Planning Notes |
|--------------|--|----|--|
| CE 105 | Civil Engineering Drafting | 3 | 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/ |
| CE 115 | Introduction to Civil Engineering | 1 | |
| CE 211 | Engineering Surveying | 3 | |
| CE 215 | Civil Engineering Analysis and Design | 3 | |
| CE 322 | Hydraulics | 4 | |
| CE 325 | Fundamentals of Hydrologic Engineering | 3 | |
| CE 330 | Fundamentals of Environmental Engineering | 3 | 2. Presenting this document to your academic advisor can allow you to be moved to the 2023-2024 University of Idaho catalog. |
| CE 342 | Theory of Structures | 3 | |
| CE 357 | Properties of Construction Materials | 4 | 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. |
| CE 360 | Fundamentals of Geotechnical Engineering | 4 | |
| CE 372 | Fundamentals of Transportation Engineering | 3 | |
| CE 491 | Civil Engineering Professional Seminar | 1 | 4. A minimum of 120 credits is required. |
| CE 494 | Senior Design Project | 3 | |
| ENGL 317 | Technical Writing | 3 | 5. Review the Degree Audit regularly to check your status of completion of major &/or minor. |
| ENGR 335 | Engineering Fluid Mechanics | 3 | |
| ENGR 350 | Engineering Mechanics of Materials | 3 | |
| ENGR 360 | Engineering Economy | 2 | 6. A full listing of applicable courses as well as guidelines for completion of the Bachelor degree is available at https://catalog.uidaho.edu |
| GEOL 111 | Physical Geology for Science Majors | 3 | |
| GEOL 111L | Physical Geology for Science Majors Lab | 1 | |
| or GEOL 101L | Physical Geology Lab | | |
| STAT 301 | Probability and Statistics | 3 | |

| Civil and Environmental Engineering Electives | | 18 |
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Minimum Total Credits 121