Land Surveying Specialization
The land surveying specialization provides the knowledge and skills necessary to enter the surveying profession. Graduates will have the 24 semester hours of land surveying coursework needed to qualify for surveyor-in-training examinations administered by state boards of professional certification.

Coursework includes significant hands-on laboratory work with conventional and advanced survey systems. The program of study consists of 24 hours of surveying courses, including 18 hours of core courses and six hours of electives.

What can I do with a specialization in land surveying?
Land surveyors are uniquely qualified to provide fundamental professional services to the engineering, construction, geographic information systems (GIS) and real estate industries. Land surveyors are employed by:

- Utility companies
- Government agencies
- Engineering firms
- Construction companies.

Land surveyors often operate as the owners and principals of professional service firms, offering cadastral, engineering, forensic and construction services. The median annual salary for surveyors in 2021 was $61,600 according to the U.S. Bureau of Labor Statistics.

Accreditation
The construction management program is accredited by the American Council for Construction Education (ACCE).
## Admission Requirements

To be admitted to the Bachelor of Science program, students must:
- Complete all academic development courses required by the University
- Complete any courses required to address high school deficiencies
- Complete MATH 120, College Algebra (or high school equivalents) with a grade of C or better
- Attain a cumulative GPA of at least 2.0 (on a 4.0 scale)

## Graduation Requirements

Construction students must meet all University requirements for graduation and the following construction management program requirements:
- Earn a cumulative GPA above 2.0 in all construction courses
- Earn a cumulative GPA above 2.25 in all business courses to qualify for a minor in business administration
- Complete the construction management senior assignment

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**Sample Curriculum for the Bachelor of Science in Construction Management, Specialization in Land Surveying**

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Summer Session</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Total Hours</th>
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<tbody>
<tr>
<td>Fall Semester</td>
<td></td>
<td></td>
<td>Spring Semester</td>
<td></td>
<td></td>
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<tr>
<td>CNST 120 Introduction to Construction</td>
<td>CNST 211 Civil Construction Materials &amp; Methods</td>
<td>CNST 470 Construction Internship</td>
<td>CNST 301/CNST 301L Soils</td>
<td>CNST 403 Planning and Scheduling</td>
<td>136-139</td>
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<td>MATH 150 Calculus I (FQR)</td>
<td>PHYS 141 Engineering Physics I (BPS)</td>
<td>Total Credits</td>
<td>CNST 341 Plans and Specifications</td>
<td>CNST 451L Estimating and Bidding Lab</td>
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<td>ECON 111 Microeconomics (BSS)</td>
<td>PHYS 151L University Physics Lab (EL)</td>
<td>Total Credits</td>
<td>CNST 353 Computer Applications in Construction</td>
<td>SURV 482 Advanced Survey Systems</td>
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<tr>
<td>CHEM 120A Gen, Org, and Biological Chemistry (BPS)</td>
<td>STAT 244 Statistics (BICS)</td>
<td>Total Credits</td>
<td>SURV 364 Boundary Surveying</td>
<td>PHIL 323 Engineering Ethics and Professionalism (FRA, BHUM)</td>
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<tr>
<td>CHEM 124A Gen, Org, and Biol Chemistry Lab (EL)</td>
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<td></td>
<td>Total Credits</td>
<td>Surveying Elective (choose from list)</td>
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</tr>
<tr>
<td>FST 101 Succeeding &amp; Engaging at SIUE</td>
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<td></td>
<td>Total Credits</td>
<td>Total Credits</td>
<td>18</td>
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</tbody>
</table>

**Transfer Students:** To maximize your transfer experience, complete the **bolded** courses/requirements pre-transfer and satisfy either the Illinois Articulation Initiative (IAI) General Ed Core or receive an AA, AS, or AAT (early childhood, special ed or math) degree from an IAI community college. If ‘Minor’ requirements are shown, discuss careful course selection with the academic advising contact listed. Visit siue.edu/transfer to find course equivalency guides.

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**Contact Information**

Department of Construction
Phone: 618-650-2088

siue.edu/land-surveying

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This information is concurrent with the 2022-2023 academic catalog. Courses are subject to change at any time.