

Semester 1 - FALL					
NO	COURSE DESCRIPTION	CR	M	SEM	Prerequisites
<i>MATH 1060 or equivalent is assumed to have been taken in a BS degree</i>					
SURV 1020	Introduction to Surveying and Mapping	1	O	F	
EGDT 1040	Fundamentals of Technical Engineering Drawing	3	O	F,S,Su	
EGDT 1400	Surveying Applications and Field Techniques I	3	H	F,S,Su	<i>(Fall semester section 3 ONLY may be offered LS)</i>
<b>Semester Total</b>		<b>7</b>			
Semester 2 - SPRING					
NO	COURSE DESCRIPTION	CR	M	SEM	Prerequisites
*SURV 1030	Fundamentals of Geodesy and Control Surveys (Eve)	3	H	S	
SURV 1220	Remote Sensing and Photogrammetry (Eve)	3	LS	S	
SURV 1340	Fundamentals of Boundary Law (Eve)	3	H	S	
<b>Semester Total</b>		<b>9</b>			
Semester 3 - FALL					
NO	COURSE DESCRIPTION	CR	M	SEM	Prerequisites
SURV 2310	Surveying US Public Lands (Eve)	3	H	F	EGDT 1400, MATH 1060 or EGDT 1600 and 1610 or appropriate math placement score
SURV 2320	Public Land Records and Property Descriptions (Eve)	3	H	F	EGDT 1400 and ENGL 1010 or ENGH 1005
<b>Semester Total</b>		<b>6</b>			
Semester 4 - SPRING					
NO	COURSE DESCRIPTION	CR	M	SEM	Prerequisites
SURV 2100	Mapping from Field to Finish	3	F	S	EGDT 1040, 1400, 1610 or MATH 1060
*GIS 2640	Fundamentals of Geographic Information Systems (Eve)	3	LS	S	<i>(GIS 3600 may be taken in lieu of 2640)</i>
<b>Semester Total</b>		<b>6</b>			
<b>Certificate of Completion Total Credits 28</b>					
* Recommended Surveying and Mapping Elective Course					
<b>LEGEND for M</b> = Mode of delivery: F=Face-to-Face (in-person), O= Online (no set day or time), LS=Live Stream (meets online set days and times, H=Hybrid (Live Stream simultaneously with Face-to-Face)					
Elective courses must have a prefix of SURV or GIS or be approved by the Surveying and Mapping Program Coordinator for a total of 12 credit hours.					
Other Common Surveying and Mapping Elective Courses Pursuant to Licensure					
GIS 3600	Intro. to Geographic Information Systems	3	F	F	
GIS 3620	Advanced Geographic Information Systems	3	F	S	GIS 2800 and Adv. Stand.
GIS 3630	GIS Development Applications	3	F	S	GIS 2800 or GEOG 3600 and Adv. Standing
SURV 3030	Land Development Planning and Platting	3	F	S	EGDT 1040, SURV 2100, and Adv. Standing
SURV 3210	Advanced Photogrammetry	3	H	F	EGDT 1400, SURV 1220, MATH 1060, or (EGDT 1600 and 1610), or appropriate math placement score, and University Advanced Standing
SURV 3340	Boundary Law	3	H	S	
SURV 3400	Emerging Surveying and Mapping Technologies	3	F	F	SURV 2100, Adv. Stand.
SURV 4340	Surveying Legal Principles	3	LS	S	SURV 2320, SURV 3340
SURV 4500	Professional Services Practicum	3	LS	S	Adv. Stand.
SURV 4700	Fundamentals of Surveying Exam Prep	3	LS	S	

Visit the Surveying and Mapping Program Website: <https://www.uvu.edu/aed/surveying>

**Academic Advisor**

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**Program Coordinator**

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To schedule an appointment with your advisor you can call the CET Advisement Center receptionist at (801) 863-8648

**Disclaimer:** It is the student's responsibility to verify all coursework and degree requirements for this degree.

**Graduation Requirements:**

1. Completion of a minimum of 28 semester credits required for a Certificate of Completion in Surveying Technology
2. Overall grade point average 2.0 or above with a minimum of 3.0 GPA in all Surveying Technology courses. No grade lower than a "B" in all Surveying Technology Foundation courses.
3. Residency hours: Minimum of 8 credit hours of Surveying and Mapping courses through course attendance at UVU

**Legal Requirements to become a Professional Land Surveyor (PLS) in Utah**

**Educational Requirements**

Utah Administrative Code R156-22-302c states: In accordance with State of Utah Code Title 58-22-302(3)(c), an applicant applying for licensure as a professional land surveyor shall verify completion of one of the following land surveying programs affiliated with an institution that is recognized by the Council for Higher Education Accreditation (CHEA) and approved by the Division in collaboration with the Board:

- (a) an associates in applied science degree in land surveying or geomatics;
- (b) a bachelors, masters or doctorate degree in land surveying or geomatics;
- (c) an equivalent land surveying program that includes completion of a bachelors, masters or doctorate degree in a field related to land surveying or geomatics comprised of a minimum of 30 semester hours or 42 quarter hours of course work in land surveying or geomatics which shall include the following courses:

(a) successful completion of a minimum of one course in each of the following content areas:

- (i) boundary law;
- (ii) writing legal descriptions;
- (iii) photogrammetry and remote sensing
- (iv) public land survey system;
- (v) studies in land records or land record systems;

(b) the remainder of the 30 semester hours or 42 quarter hours may be made up of successful completion of courses from the following content areas:

- (i) algebra, calculus, geometry, statistics, trigonometry, not to exceed six semester hours or eight quarter hours;
- (ii) control systems;
- (iii) drafting, not to exceed six semester hours or eight quarter hours;
- (iv) geodesy;
- (v) geographic information systems;
- (vi) global positioning systems;
- (vii) land development; and

**Experiential Requirements (summary)**

Source reference: Utah Administrative Code R156-22-302g. Qualifications for Licensure -- Experience Requirements -- Specific to Professional Land Surveyor

50% Field and 50% Office experience working under the direct supervision of a licenced professional land surveyor (PLS) for the following periods whereas one year is considered 2000 hours per R156-22-302d(1)(2):

- |  |  |
|--|--|
| 6 years with an AAS degree in Surveying or Geomatics | 3 years with an MS in Surveying or Geomatics |
| 4 years with a BS in Surveying or Geomatics          | 2 years with a PhD in Surveying or Geomatics |

**Examination Requirements (summary)**

Source reference: Utah Administrative Code R156-22-302j. Qualifications for Licensure -- Examination Requirements for Professional Land Surveyor

Passing score for the NCEES FS examination

Passing score (75%) for the Utah Professional Land Surveyor Examination

Passing score for the NCEES PS examination. Prior to registering for the NCEES PS exam an applicant shall complete the educational requirements (R156-22-302c) and provide verification to NCEES of passing the NCEES FS examination.