

Semester 1 - FALL					
NO	COURSE DESCRIPTION	CR	M	SEM	Prerequisites
*STAT 1040	Introduction to Statistics (QL)	3	O	F,S,Su	
ENGL 1010	Introduction to Writing (CC)	3	O	F,S,Su	
Any approved Phys. Ed, Health, Safety or Environment Course		1	O	F,S,Su	
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	F	F,S,Su	(Fall semester section 3 ONLY may be offered LS)
<b>Semester Total</b>		<b>14</b>			
Semester 2 - SPRING					
NO	COURSE DESCRIPTION	CR	M	SEM	Prerequisites
ENGL 2010	Intermediate Writing-Academic Writing_Research (CC)	3	O	F,S,Su	ENGL 1010
*BIOL 1010	General Biology	3	O	F,S,Su	
*GEOG 130G	Survey of World Geography GI	3	O	F,S,Su	
MATH 1060 or EGDT 1600 and 1610	Trigonometry OR Technical Math I and II (Trig and Alg)	3	O	F,S,Su	MATH 1050
SURV 1030	Fundamentals of Geodesy and Control Surveys	3	H	S	
<b>Semester Total</b>		<b>15</b>			
Semester 3 - FALL					
NO	COURSE DESCRIPTION	CR	M	SEM	Prerequisites
*ASTR 1040	Elementary Astronomy (PP1)	3	O	F,S,Su	
*EGDT 1720	Architectural Rendering (FF)	3	O	F,S,Su	MATH 0950 or Equivalent
PHIL 2050	Ethics and Values (GE)	3	O	F,S,Su	
MKTG 220G	Written Business Communication	3	O	F,S,Su	
SURV 2240	Fundamentals of Adjustments and Computations	2	O	F	EGDT 1610
SURV 2010	Land History of America	3	O	F	
<b>Semester Total</b>		<b>17</b>			
Semester 4 - SPRING					
NO	COURSE DESCRIPTION	CR	M	SEM	Prerequisites
*HIST 1740	US Economic History (AS)	3	O	F,S,Su	
*COMM 1020	Public Speaking (HH)	3	O	F,S,Su	
*PHYS 1010	Elementary Physics (PP2)	3	O	F,S,Su	
SURV 2100	Mapping Field to Finish (6 Friday afternoons)	3	F	S	EGDT 1040, 1400, 1610 or MATH 1060
SURV 1220	Remote Sensing and Photogrammetry	3	LS	S	
<b>Semester Total</b>		<b>15</b>			
<b>AS degree Total Credits</b>		<b>61</b>			

Semester 5 - FALL					
NO	COURSE DESCRIPTION	CR	M	SEM	Prerequisites
SURV 2310	Surveying US Public Lands	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	3	H	F	EGDT 1400 and ENGL 1010 or ENGH 1005
LEGL 3000	Business Law	3	O	F,S,Su	LEGL
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
GIS 2800	Intro. to Geographic Information Systems	3	O	F	
SURV 451R	Surveying and Mapping Lecture Series	0.5	H	F,S	Adv. Stand. (taken 4 sem@0.5 cr ea.)
<b>Semester Total</b>		<b>15.5</b>			

Semester 6 - SPRING					
NO	COURSE DESCRIPTION	CR	M	SEM	Prerequisites
SURV 3010	Measurement Analysis and Adjustments	4	H	S	SURV 2100, MATH 1060 or (EGDT 1600 and 1610) or appropriate math placement score, and University Advanced Standing
SURV 3030	Land Development Planning and Platting	3	H	S	EGDT 1040, SURV 2100, and Adv. Standing
SURV 3230	Construction and Route Surveys	3	F	S	SURV 2100, MATH 1060 or EGDT 1600 and 1610, or appropriate math placement score, and University Advanced Standing
SURV 3340	Boundary Law	3	H	S	
GIS 3620	Advanced Geographic Information Systems	3	H	S	GIS 2800 and Adv. Stand.
SURV 451R	Surveying and Mapping Lecture Series	0.5	H	F,S	Adv. Stand. (taken 4 sem@0.5 cr ea.)
		<b>Semester Total</b>	<b>16.5</b>		
Semester 7 - FALL					
NO	COURSE DESCRIPTION	CR	M	SEM	Prerequisites
SURV 3220	Control Surveys	3	F	F	SURV 1030, 2100, 3010
SURV 3250	Geodesy	3	H	F	SURV 1030, 2100, MATH 1060 or EGDT 1600 and 1610 or appropriate math placement score, and University Advanced Standing
SURV 3400	Emerging Surveying and Mapping Technologies	3	F	F	SURV 2100, Adv. Stand.
SURV 455G	Global Professional Ethics and Liabilities	3	H	F	SURV 2100, PHIL 2050, LEGL 3000, Adv. Stand.
SURV 451R	Surveying and Mapping Lecture Series	0.5	H	F,S	Adv. Stand. (taken 4 sem@0.5 cr ea.)
		<b>Semester Total</b>	<b>12.5</b>		
Semester 8 - SPRING					
NO	COURSE DESCRIPTION	CR	M	SEM	Prerequisites
SURV 4700	Fundamentals of Surveying Exam Prep	3	LS	S	
SURV 4930	Surveying and Mapping Capstone	4	O	S	Program Coordinator Approval
**SURV 4340	Surveying Legal Principles	3	LS	S	SURV 2320, SURV 3340
**GIS 3630	GIS Development Applications	3	H	S	GIS 2800 or GEOG 3600 and Adv. Standing
**SURV 4500	Professional Services Practicum	3	LS	S	Adv. Stand.
SURV 451R	Surveying and Mapping Lecture Series	0.5	H	F,S	Adv. Stand. (taken 4 sem@0.5 cr ea.)
		<b>Semester Total</b>	<b>16.5</b>		
		<b>BS degree Total Credits</b>	<b>122</b>		
* Course recommended for Surveying and Mapping students			** 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). Courses offered in the evening are blue.					
Approved Surveying and Mapping elective courses can be taken with the following prefixes: SURV, GIS, ENGR, CIVE, GEOG, MATH, or LEGL or Program Coordinator approval for a total of <b>9 credit hours</b> .					

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

**Graduation Requirements:**

1. Completion of a minimum of 123 semester credits required for a BS degree; at least 40 credit hours must be upper division courses.
2. Overall grade point average 2.5 or above with a minimum of 3.0 GPA in all SURV, GIS, and MATH prefix and Trigonometry courses.
3. Residency hours: Minimum of 30 credit hours of Surveying and Mapping courses through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.
6. Taken the Fundamentals of Surveying (FS) exam offered by the National Council of Examiners for Engineering and Surveying (NCEES).

**Academic Advisor**

Shandi Erickson  
PHONE: (801) 863-6238  
OFFICE: CS 635  
EMAIL: Shandi.Erickson@uvu.edu



**Program Coordinator**

Dan Perry, MBA, PLS, Professor  
PHONE: (801) 863-8525  
OFFICE: CS 710A  
EMAIL: perrydl@uvu.edu

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.