

**BACHELOR OF SCIENCE
LAND SURVEYING AND MAPPING
LAND SURVEYING AND MAPPING**

GSU 100 The First Year Experience

0 Hour

All degree seeking students are required to take GSU 100 during their first semester.

General Education Requirement

30 Hours

Students must complete MATH 115 as part of the General Education requirements.

Land Surveying and Mapping

89 Hours

ENVR	101	Environmental Science	4
FRST	109	Dendrology	1
FRST	216	Wood Identification	1
LAND	121	Introduction to Land Surveying	3
LAND	123	Land Survey Descriptions-Interpretations and Writing	2
LAND	124	Land Survey Boundary Law	3
LAND	193	Survey Math and Geomatics I	3
LAND	197	Work Experience I	1
LAND	230	Survey Math and Geomatics II	3
LAND	231	Retracement Surveys	3
LAND	232	Cartographic Surveying	3
LAND	240	Route and Construction Surveys	4
LAND	241	Energy Resource Surveying	2
LAND	243	Intro to Drone Technology	2
LAND	244	Remote Sensing and Aerial Photo Interpretation	1
LAND	293	Survey Decisions/Professional Applications	4
LAND	325	Computer Assisted Mapping for Surveyors	3
LAND	331	GNSS in Surveying	3
LAND	333	NCEES FS Exam Review	3
LAND	335	Hydrology, Drainage and Subdivision Design	3
LAND	424	Advanced Survey Law	3
LAND	443	Advanced Drone Technology	1
LAND	493	Capstone	4
MATH	115	College Algebra	
MATH	125	College Trigonometry	3
NRMT	125	Computer Assisted Mapping	3
NRMT	234	GIS Applications I	3
NRMT	334	GIS Applications II	3
PED	201	First Aid and Safety	1
Restricted Electives (Courses required for this Major will not fulfill this requirement.)			16
ENVR	any 300-499 level course		
LAND	any 300-499 level course		
NRMT	any 300-499 level course		

General Electives

1 hour

Total minimum hours required for degree

120 hours

GATEWAY ASSESSMENT – LAND 293

CAPSTONE ASSESSMENT – LAND 493

**BS: LAND SURVEYING AND MAPPING
SUGGESTED PLAN OF STUDY**

FIRST YEAR

ENGL101	3	FRST 216	1
ENVR 101	4	LAND 123	2
FRST 109	1	LAND 124	3
GSU 100.....	0	LAND 193	3
LAND 121	3	MATH 125.....	3
MATH 115.....	3	NRMT 125.....	3
PED 201	1	GENERAL ELECTIVE	1
Total Hours – Fall Semester.....	15	Total Hours – Spring Semester.....	16

SUMMER

LAND 197	1
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SECOND YEAR

ENGL 102.....	3	ECON 201, GEOG 203, PSYC 201 (OR)	
LAND 230	3	SOCS 225	3
LAND 231	3	LAND 240	4
LAND 232	3	LAND 241	2
LAND 244	1	LAND 243	2
LAND 325	3	LAND 293	4
Total Hours – Fall Semester.....	16	Total Hours – Spring Semester.....	15

THIRD YEAR

ART 200 (OR) MUSC 200	2	CART 101.....	3
ENGL 203, 204, 205 (OR) 206.....	3	HIST 201, 202, 207 (OR) 208.....	3
LAND 443	1	LAND 331	3
RESTRICTED ELECTIVES.....	9	LAND 333.....	3
Total Hours – Fall Semester.....	15	NRMT 234.....	3
		Total Hours – Spring Semester.....	15

FOURTH YEAR

LAND 335	3	HIST 201, 202, 207 (OR) 208.....	3
NRMT 334.....	3	LAND 424	3
SCNC 101, 102 (OR) 103.....	4	LAND 493	4
RESTRICTED ELECTIVES.....	5	RESTRICTED ELECTIVES.....	2
Total Hours – Fall Semester.....	15	Total Hours – Spring Semester.....	12