

Land Surveying Bachelor of Science (B.S.) Degree- 8 Semester Suggested Schedule
Freshman Year

Semester 1			Semester 2		
Course	Title	Credit Hours	Course	Title	Credit Hours
ENGL 1013	English Composition I (ACTS Equivalent ENGL 1013)	3	ENGL 1023	English Composition II (ACTS Equivalent ENGL 1023)	3
MATH 1043	College Algebra (ACTS Equivalent MATH 1103)	3		General Education Social Science Requirement	3
ART or MUS	General Education Fine Arts Requirement	3	MATH 1033	Trigonometry (ACTS Equivalent MATH 1203)	3
HIST or PSCI	General Education History/Political Science Requirement	3	CIS 2203	Programming Logic and Design	3
SURV 1001	Introduction to Surveying	1	SURV 2201	Cartographic Design & Drafting	1
CIS 2223	Microcomputer Applications (ACTS Equivalent CPSI 1003)	3	SURV 2202	Coordinate Systems	2
		16			15

Sophomore Year

Semester 3			Semester 4		
Course	Title	Credit Hours	Course	Title	Credit Hours
ENGL 2283 or ENGL 2293	Survey of World Literature I (ACTS Equivalent ENGL 2113) or Survey of World Literature II (ACTS Equivalent ENGL 2123)	3		General Education Science with Lab Requirement	4
ENGL 3253	Technical Writing	3	MATH 2255 or MATH 1073	Calculus I (ACTS Equivalent MATH 2405) or Compact Calculus (ACTS Equivalent MATH 2203)	3 or 5
GIS 2014	Introduction to GIS/GPS/Remote Sensing	4	COMM	General Education Communications Requirement	3
SURV 2114	Plane Surveying	4	NRM 3063	Biometrics in Natural Resources	3
		14			13-15

Junior Year

Semester 5			Semester 6		
Course	Title	Credit Hours	Course	Title	Credit Hours
PHYS 1003/1021 or PHYS 2203/2231	Elements of Physics/Lab or General Physics I (ACTS Equivalent PHYS 2014)/Lab	4	ECON 2213	Principles of Microeconomics (ACTS Equivalent ECON 2203)	3
NRM 2052	Dendrology	2	SURV 3153	Survey Plats and Deeds	3
SURV 2014	Boundary Surveying	4		Ethics Course (from designated list)	3

Semester 5			Semester 6		
Course	Title	Credit Hours	Course	Title	Credit Hours
GIS 3123	Remote Sensing	3	SURV 3264	Route and Construction Surveying	4
	Elective	3	GIS 3113	Advanced Geographic Information Systems	3
		16			16

Senior Year

Semester 7			Semester 8		
Course	Title	Credit Hours	Course	Title	Credit Hours
MGMT 3473	Principles of Management and Organizational Behavior	3	SURV 4884	Surveying Practicum	4
SURV 4183	Law and Professionalism in Geomatics	3		CIS Programming Course (from designated list)	3
GIS 4123	Global Navigation Satellite Systems	3		Elective	5-7
SURV 4454	Advanced Surveying	4			
	Elective	3			
		16			12-14
				TOTAL HOURS	120