

Surveying and Geomatics Sample Curriculum
for students starting at **College Algebra with summer classes**

Year One

Fall Semester		Spring Semester		Summer Semester	
Description	Credits	Description	Credits	Description	Credits
CNST 120 - Introduction to Construction or GEOG 111 - Introduction to Geography	2	CNST 111 - Construction Materials & Methods	3	MATH 150 - Calculus I	5
ENG 101 - English Composition I	3	ENG 102 - English Composition II	3		
MATH 120 - College Algebra	3	MATH 125 - Precalculus Mathematics with Trigonometry	3		
ACS 103 - Interpersonal Communication Skills	3	CE 204 - Engineering Graphics and CAD	3		
BSE-ENG 111 or FST 101 - First Semester Transition	3	BSE-ENG 205 or RA 101 - Introduction to African American Texts	3		
Breadth Fine & Performing Arts	3				
	17		15		5

Year Two

Fall Semester		Spring Semester		Summer Semester	
Description	Credits	Description	Credits	Description	Credits
SURV 264 - Surveying Fundamentals	4	GEOG 210 - Physical Geography	3		
GEOG 202 - Natural Resource Management and Sustainability	3	PHYS 131/131L - College Physics I: Mechanics and Heat	5		
CNST 231 - Plans and Specifications	3	ACCT 200 - Fundamentals of Financial Accounting	3		
ECON 111 - Principles of Macroeconomics	3	ECON 112 - Principles of Microeconomics	3		
STAT 244 - Statistics	4	CHEM 120A/124A - General Organic and Biological Chemistry	4		
	17		18		0

Year Three

Fall Semester		Spring Semester		Summer Semester	
Description	Credits	Description	Credits	Description	Credits
SURV 310 - Legal Aspects of Surveying	3	SURV 364 - Boundary Surveying	3		
GEOG 320 - Cartography	3	GEOG 321 - Qualitative Techniques	3		
ACCT 210 - Managerial Accounting	3	GEOG 322 - Air Photo Interpretation	3		
MGMT 330 - Understanding the Business Environment	3	MGMT 331 - Managing Group Projects	3		
PHIL 323 - Engineering, Ethics, and Professionalism	3	SURV 470 - Construction Internship	3		
	15		15		0

Year Four

Fall Semester		Spring Semester		Summer Semester	
Description	Credits	Description	Credits	Description	Credits
SURV Technical Elective I	3	SURV Technical Elective II	3		
SURV 482 - Advanced Surveying Systems	4	SURV 484 - Surveying Computations and Applications	4		
GEOG 418 - Geographic Information Systems	3	CNST 411 - Construction Contracts	3		
GEOG 422 - Remote Sensing and Digital Image Processing	3	CNST 452 - Construction Management and Senior Assignment	3		
FIN 320 - Financial Management & Decision Making	3	GBA 383 - Business and Society	3		
	16		16		0

Total Credit Hours:

134