FAU Bachelor of Science in Geomatics Engineering (BSGE)

	General Education Requirements		
ENC 1101	College Writing 1 (1),(2)	3	
ENC 1102	College Writing 2 (1),(2)	3	್ಷ.್ಟ್ ಜ್ಞ¹
SPC 2601	Public Speaking	3	Pflades must be stacked; 1911bres checklis: www.fluxedalocademicingishar/111P Cryf. Review Browed Menor undam: Review Facebyoroughles/Defraion_Credit vow facedalprovoughles/Defraion_Credit Far_Ademo_2012.pdf Gen. Ed. agraveral (stack if the cers ury) Consent of affected departments (stack if necessury)
	Social Sciences (1),(3),(4)	9	Phabus must be atsched; cylldres cleeds broombanded; see guidelines and checklik www.fau.edulocockenischegister/IIIP Ci Review Brewest Memor undam: Review Barwest Memor undam: Whit approval (anch it necessy) Gan. Ed approval (anch it necessy) Gan. Ed approval (anch it necessy)
	Humanities (1),(3),(4)	9	Phabus must be strethed; cyllobus c broombanded; see guidelbes and dee www.fan.edu/cockenic/ingistecs/Ul Review Browest Menner undam: Definition, of a Levell Hone Pharmagness of the Cockenical Har-Jakeno_2012.pdf Ull suprevel (stach if necessary) Sun. Ed. suprevel (stach if necessary)
	(2)(2)(4)	Total 27	Madus went be strached; 1970/ brecomminded, see guidelines on www.fluxedomicinegister Review Browest Menner undam Review Tracked Menner undam Way Lagravest (stack if the cess Man Lagravest (stack if the cess Gan Lagravest (stack if the cess Gan Lagravest (stack if the cess Can and affected departments
	Basic Mathematics and Sciences	Total 27	pffabre must be straked; s recombanded; see guideline www.fine dulocademicing Review Brevest Menne and Beffairine at Levell Blom Beffairine at Levell Blom Wwy.flaneds/provertifies II Flar John 2012 pag Rill aggreered (stach if the Gin. Ed aggreered (stach if the Gin. Ed aggreered (stach if Lanester of affected departm.
MAC 2281	Calculus for Engineers 1 (1),(5)	4	
MAC 2282	Calculus for Engineers 2 (1),(5)	4	Pladus murthe atsurunte atsurunte atsurunte atsurunte atsurunte atsurunte plante atsurunte plante atsurunte plante atsurunte a
MAC 2313	Calculus with Analytic Geometry 3	4	
MAP 3305	Engineering Math 1	3	
STA 4032	Probability and Statistics for Engineers	3	Sylichus zu Precuziand www.fauce Review Ere Definition of Hare John Wild. epper Gen. Ed. of Cancert of the cessary)
CHM 2045	General Chemistry 1 (1)	3	Part of the second
CHM 2045L	General Chemistry 1 Lab (1)	1	
PHY 2043	Physics for Engineers 1 (1),(6)	3	
PHY 2048L	General Physics 1 Lab	1	0 M 2 M 1 1 1
PHY 2044	Physics for Engineers 2 (1),(6)	3	13
PHY 2049L	General Physics 2 Lab	1	124 32
		Total 30	
	Engineering Fundamentals	10411 30	200 7-2
EGN 1002	Fundamentals of Engineering	3	1 5 T T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SUR 2034	introduction to Geomatics Engineering	3	m m g
		Total 6	
	Professional Core	10121	10111111
SUR 2101	Plane Surveying	3	11(/ 1 11
SUR 2101L	Plane Surveying Lab	1	
GIS 3015C	introduction to Mapping and GIS (8)	3	
SUR 3643	Surveying Data Analysis	3	129H1
SUR 3331	Photogrammetry (9)	2	
SUR 3331L	Photogrammetry Lab (9)	1	(a)
SUR 3141	Automated Surveying and Mapping	3	
SUR 3141L	Automated Surveying and Mapping Lab	1	S// 20/ 1
GIS 4043C	Principles of Geographic Information	3	
	Systems (8)		10° 377
SUR 3530	Introduction to Geodesy	3	
SUR 3205	Engineering and Construction Surveying	3	
SUR 3205L	Engineering and Construction Surveying Lab	1	
SUR 3463	Land Subdivision and Platting	2	3 3 0 3 1
SUR 3463L	Land Subdivision and Platting Lab	1	
SUR 4670	Geomatics Engineering Design 1	3	Hand Hand
GIS 4035C	Remote Sensing of the Environment (8)	3	Approved by: Department Chain: College Curriculum Ch UUPC Chair: Undergraduate Studies Undergraduate Studies Provost:
	- ne		Approved by: Department C College Curri College Dean UUPC Chair: Undergraduat UFS President
SUR 4403	Legai Aspects of Surveying	3	8 H 9 9 1 E B H
SUR 4531	Positioning with GPS	2	Approve De partn College UUPC (Undergr Undergr
SUR 4531L	Positioning with GPS Lab	1	ชីជីបីបីភីភីភីដី
EGN 4613	Engineering Economics	3	
SUR 4672	Geomatics Engineering Design 2	3	
SUR 4302	Hydrographic Surveying		eplaces SUR 4430 Surveying Business Practices (3)
SUR 4302L	Hydrographic Surveying Lab	1	
	Professional Electives (select 2) (10)	6	
		Total 57	
	Notes:	120	
(1) Contribute	as to Linkspeits Coro Currigulum requirements		

(1) Contributes to University Core Curriculum requirements.

(2) Contributes to Writing Across Curriculum (Gordon Rule) writing requirement.

(3) Social Sciences/Humanities courses, totaling 6 or more credits, must be selected to satisfy Writing Across Curriculum (Gordon Rule) writing requirements.

(4) Two or more of the selections must have a global perspective (contact the department for a list of acceptable courses).

(5) Contributes to Gordon Rule mathematics requirement.

(6) PHY 2048 and PHY 2049 (4 credits each) are acceptable substitutes, but only 6 credits will apply toward the degree.

(7) All professional core courses contain a communications component (writing or speaking).

(8) Includes a 1-credit laboratory.

(9) GIS 4023 is an acceptable substitute.

(10) See advisor for the list of approved professional electives.