Department of Computer Science

COLLEGE OF INFORMATICS COMPUTATION = INFORMATION = COMMUNICATION

NK	Department of Compute	r Science				FORMATICS ON = COMMUNICATION		
Bachelor of Science in: Data Science For Students Following the: 2020-2021 catalog		Name:						
		Student ID: Catalog Year:						
			Credits	Taww	Grade	Approved		
ECO 201	Course Principles of Microeconomics	Pre-req Completion of one college- level MAT course	3	Term	Grade	Exceptions Successful ECO 201 CLEP Exam		
	INFORMATICS CORE O					OFFICE USE ONLY		
			Credite	Tarra	Grada	Approved		
	Course Elementary Programming	Pre-req	Credits	Term	Grade	Exceptions Successful INF 120		
INF 120	(or placement)	MAT 102 or placement				CPLE		
INF 128	Principles of Informatics		3					
INF 286	Introduction to Web Development	MAT 103 & pre-req or co- req of INF 110 or INF 120 or CSC 260	3			Successful INF 286 CPLE		
	COMPUTER SCIENCE COR	E COURSES (15 Hours)			OFFICE USE ONLY		
	Course	Pre-req	Credits	Term	Grade	Approved Exceptions		
CSC 260	Object-Oriented Programming I	MAT 103 & INF 110 or INF	3			Successful CSC 260		
		120 or CSC 270 CSC 260 &	3			CPLE Successful CSC 360		
CSC 360	Object-Oriented Programming II	MAT 119 (≥ B-)	-			CPLE		
CSC 350 CSC 364	Database Programming Data Structures and Algorithms	CSC 360 CSC 360	3 3					
CSC 304 CSC 425	Artificial Intelligence	CSC 364 & STA 205, STA	3					
030 425	MATH AND STATISTICS	205R or STA 250	3			OFFICE USE ONLY		
	WATH AND STATISTICS					Approved		
	Course	Pre-req	Credits	Term	Grade	Exceptions		
MAT 128	Calculus A	MAT 119 (≥ B-)	3					
MAT 227	Calculus B	MAT 128	3					
MAT 228	Calculus C	MAT 227	3					
MAT 129			4			Successful MAT 129		
		MAT 119 (≥ B-)				CLEP Exam		
MAT 229	Calculus II	MAT 129 or MAT 227	5					
MAT 234	Linear Algebra	MAT 228 or MAT 229	3					
STA 250	Probability and Statistics I	MAT 129 or Co-req MAT	3					
STA 341	Statistics II	227 STA 250	3					
01/1011	DATA SCIENCE CORE CO		5			OFFICE USE ONLY		
				_		Approved		
DSC 101	Course	Pre-req	Credits	Term	Grade	Exceptions		
DSC 101	Introduction to Data Science		1					
DSC 200	Data Wrangling	INF 286, & STA 205 or STA 205R or STA 250 & introductory programming (e.g. INF 120 or CSC 260)	3					
DSC 311	Data Analytics & Visualization	DSC 200 & STA 250	3					
DSC 411	Data Mining	CSC 364 & STA 250 DSC 411 & pre-req or co-	3					
DSC 421	Big Data	reg of CSC 350	3					
DSC 496	Data Science Capstone	DSC 311 & DSC 421 & co- req of BIO 292 or DSC 292	3					
BIO 292 OR	Introduction to Research in Biology	Instructor Consent	0					
DSC 292	Introductory Research Experience in DSC	Department Consent	0 - 3					
S	tudents will select ONE of the following application		-	-		·		
	BUSINESS INFORMATION SYSTEMS	APPLICATION AREA (15 Hours)			OFFICE USE ONLY		
	Course	Pre-req	Credits	Term	Grade	Approved Exceptions		

BIS 275	Introduction to Business Analysis		3			
I		Junior Standing or BUS	, v			
BIS 300	Management Information Systems	101 or BIS 275; & STA 212 or STA 205 or STA 205R or STA 250; & INF 101 or BIS 101 or BI Department Consent	3			Successful BIS 300 DSST
BIS 330	IT Project Management	BIS 275 or BIS 300	3			
BIS 384	Business Analytics	BIS 380 or DSC 311	3			
BIS 420	Business Intelligence & Enterprise Appl.	BIS 300 & Junior Standing & Certified Business or COI major or minor or Department Consent	3			
	GEOGRAPHIC INFORMATION SYSTEM	S APPLICATION AREA	A (13 Hours	s)		OFFICE USE ONLY
	Course	Pre-req	Credits	Term	Grade	Approved Exceptions
GEO 415	Cartography	Sophomore Standing	3			
GEO 418	Geographic Information Systems	Sophomore Standing	4			
GEO 419	Remote Sensing of Environment	Sophomore Standing	3			
GEO 518	Geographic Information Analysis	GEO 418	3			
	BIOLOGICAL SCIENCES APPLI	CATION AREA (11-12 H	ours)			OFFICE USE ONLY
	Course	Pre-req	Credits	Term	Grade	Approved Exceptions
BIO 150 w/ BIO 150L	Introduction to Biology I and Laboratory	MAT 101 or Placement & co-req of BIO 150L	4			
BIO 151 w/ BIO 151L	Introduction to Biology II and Laboratory	BIO 150 & co-req of BIO 151L	4			
BIO 304 OR	General Ecology	BIO 150 & BIO 151	3			
BIO 349 w/ BIO 349L	Genetics and Laboratory	BIO 151 & CHE 121 (≥ C-) & co-req of BIO 349L	4			
	Students will select TWO of the following co	ourses to fulfill their ma	jor require	ements.		
	GUIDED ELECTIVES (6	6 Hours) - Choose 2				OFFICE USE ONLY
Some electiv	es are offered for variable credit; you will need a r					
	es are onered for variable credit, you will need a r	ninimum of two different	courses fro	m the electiv	es section	
	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499	r credit toward the guided	d electives			
for a minimu	m of 6 credit hours. DSC 494 may be repeated for than 6 hours of DSC 392/399/492/499 Course	r credit toward the guided can count toward the DS Pre-req	d electives SC major. Credits			Approved Exceptions
for a minimu ASE 230	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming	r credit toward the guided can count toward the DS Pre-req INF 286	d electives SC major. Credits 3	if topics vary.	No more	
for a minimu ASE 230 CSC 362	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360	d electives SC major. Credits 3 3	if topics vary.	No more	
for a minimu ASE 230	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming	r credit toward the guided can count toward the DS Pre-req INF 286	d electives SC major. Credits 3	if topics vary.	No more	
for a minimul ASE 230 CSC 362 CSC 402 CSC 450	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 350 & CSC 364	d electives SC major. Credits 3 3 3 3 3 3	if topics vary.	No more	
for a minimus ASE 230 CSC 362 CSC 402 CSC 450 CSC 460	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems Operating Systems	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 350 & CSC 364 CSC 362 & CSC 364	d electives SC major. Credits 3 3 3 3 3 3 3 3 3 3	if topics vary.	No more	
for a minimus ASE 230 CSC 362 CSC 402 CSC 450 CSC 460 CSC 464	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems Operating Systems Design & Analysis of Algorithms	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 350 & CSC 364 CSC 362 & CSC 364 CSC 364 & MAT 385	d electives SC major. Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3	if topics vary.	No more	
for a minimus ASE 230 CSC 362 CSC 402 CSC 450 CSC 460 CSC 464 CSC 482	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems Operating Systems Design & Analysis of Algorithms Computer Security	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 350 & CSC 364 CSC 362 & CSC 364 CSC 364 & MAT 385 CSC 362	d electives SC major. Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	if topics vary.	No more	
for a minimus ASE 230 CSC 362 CSC 402 CSC 450 CSC 460 CSC 464	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems Operating Systems Design & Analysis of Algorithms	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 350 & CSC 364 CSC 362 & CSC 364 CSC 364 & MAT 385 CSC 362 2.5 Cumulative GPA, DSC 311	d electives SC major. Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3	if topics vary.	No more	
for a minimus ASE 230 CSC 362 CSC 402 CSC 450 CSC 460 CSC 464 CSC 482 DSC 396 DSC 431	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems Operating Systems Design & Analysis of Algorithms Computer Security Data Science Practicum Network Analysis	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 350 & CSC 364 CSC 362 & CSC 364 CSC 362 & CSC 364 CSC 364 & MAT 385 CSC 362 2.5 Cumulative GPA, DSC 311 STA 250, MAT 234, & CSC 364	d electives SC major. Credits 3 3 3 3 3 3 3 3 3 1 - 3 3 3	if topics vary.	No more	
for a minimus ASE 230 CSC 362 CSC 402 CSC 450 CSC 460 CSC 464 CSC 464 CSC 482 DSC 396 DSC 431 DSC 494	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems Operating Systems Design & Analysis of Algorithms Computer Security Data Science Practicum Network Analysis Advanced Topics: Data Science	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 350 & CSC 364 CSC 362 & CSC 364 CSC 364 & MAT 385 CSC 362 2.5 Cumulative GPA, DSC 311 STA 250, MAT 234, &	d electives SC major. Credits 3 3 3 3 3 3 3 3 3 3 3 1 - 3 3 1 - 3	if topics vary.	No more	
for a minimul ASE 230 CSC 362 CSC 402 CSC 450 CSC 460 CSC 464 CSC 482 DSC 396 DSC 431 DSC 431 DSC 494 DSC 499	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems Operating Systems Design & Analysis of Algorithms Computer Security Data Science Practicum Network Analysis Advanced Topics: Data Science Advanced Independent Study: Data Science	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 350 & CSC 364 CSC 362 & CSC 364 CSC 362 & CSC 364 CSC 364 & MAT 385 CSC 362 2.5 Cumulative GPA, DSC 311 STA 250, MAT 234, & CSC 364	d electives SC major. Credits 3 3 3 3 3 3 3 3 3 1 - 3 3 3	if topics vary.	No more	
for a minimus ASE 230 CSC 362 CSC 402 CSC 450 CSC 460 CSC 464 CSC 482 DSC 396 DSC 431 DSC 494	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems Operating Systems Design & Analysis of Algorithms Computer Security Data Science Practicum Network Analysis Advanced Topics: Data Science Advanced Independent Study: Data Science Differential Equations	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 350 & CSC 364 CSC 362 & CSC 364 CSC 364 & MAT 385 CSC 362 2.5 Cumulative GPA, DSC 311 STA 250, MAT 234, & CSC 364 Varies with Topic	d electives SC major. Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	if topics vary.	No more	
for a minimul ASE 230 CSC 362 CSC 402 CSC 450 CSC 460 CSC 464 CSC 482 DSC 396 DSC 431 DSC 431 DSC 494 DSC 499	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems Operating Systems Design & Analysis of Algorithms Computer Security Data Science Practicum Network Analysis Advanced Topics: Data Science Advanced Independent Study: Data Science	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 350 & CSC 364 CSC 362 & CSC 364 CSC 362 & CSC 364 CSC 364 & MAT 385 CSC 362 2.5 Cumulative GPA, DSC 311 STA 250, MAT 234, & CSC 364 Varies with Topic Department Consent MAT 228 or MAT 229 MAT 228 or MAT 229	d electives SC major. Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	if topics vary.	No more	
for a minimul ASE 230 CSC 362 CSC 402 CSC 450 CSC 460 CSC 464 CSC 482 DSC 396 DSC 431 DSC 494 DSC 499 MAT 325	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems Operating Systems Design & Analysis of Algorithms Computer Security Data Science Practicum Network Analysis Advanced Topics: Data Science Advanced Independent Study: Data Science Differential Equations	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 362 & CSC 364 CSC 362 & CSC 364 CSC 362 & CSC 364 CSC 364 & MAT 385 CSC 362 2.5 Cumulative GPA, DSC 311 STA 250, MAT 234, & CSC 364 Varies with Topic Department Consent MAT 228 or MAT 229 MAT 228 or MAT 227 &	d electives SC major. Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	if topics vary.	No more	
for a minimul ASE 230 CSC 362 CSC 402 CSC 450 CSC 460 CSC 464 CSC 482 DSC 396 DSC 396 DSC 431 DSC 494 DSC 494 DSC 499 MAT 325 MAT 329	m of 6 credit hours. DSC 494 may be repeated for than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems Operating Systems Design & Analysis of Algorithms Computer Security Data Science Practicum Network Analysis Advanced Topics: Data Science Advanced Independent Study: Data Science Differential Equations Calculus III	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 350 & CSC 364 CSC 362 & CSC 364 CSC 362 & CSC 364 CSC 364 & MAT 385 CSC 362 2.5 Cumulative GPA, DSC 311 STA 250, MAT 234, & CSC 364 Varies with Topic Department Consent MAT 228 or MAT 229 MAT 228 or MAT 229	d electives SC major. Credits 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 1 - 3 3 1 - 3 3 1 - 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	if topics vary.	No more	
for a minimul ASE 230 CSC 362 CSC 402 CSC 450 CSC 460 CSC 464 CSC 482 DSC 396 DSC 431 DSC 431 DSC 431 DSC 494 DSC 499 MAT 325 MAT 329	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems Operating Systems Design & Analysis of Algorithms Computer Security Data Science Practicum Network Analysis Advanced Topics: Data Science Advanced Independent Study: Data Science Differential Equations Calculus III Applied Mathematical Models	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 350 & CSC 364 CSC 362 & CSC 364 CSC 362 & CSC 364 CSC 362 & CSC 364 CSC 364 & MAT 385 CSC 362 2.5 Cumulative GPA, DSC 311 STA 250, MAT 234, & CSC 364 Varies with Topic Department Consent MAT 228 or MAT 229 MAT 228 or MAT 229 MAT 228 or MAT 229 MAT 229 or MAT 229 MAT 220 or STA 250 STA 205 or STA 250 STA 205 or STA 250; or STA 205 (≥ B-)	d electives SC major. Credits 3 3 3 3 3 3 3 3 3 3 1 - 3 3 1 - 3 3 1 - 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	if topics vary.	No more	
for a minimul ASE 230 CSC 362 CSC 402 CSC 450 CSC 460 CSC 464 CSC 482 DSC 396 DSC 431 DSC 494 DSC 494 DSC 499 MAT 325 MAT 329 MAT 375 STA 312	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems Operating Systems Design & Analysis of Algorithms Computer Security Data Science Practicum Network Analysis Advanced Topics: Data Science Advanced Independent Study: Data Science Differential Equations Calculus III Applied Mathematical Models Elementary Survey Sampling	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 364 & MAT 385 CSC 362 2.5 Cumulative GPA, DSC 311 STA 250, MAT 234, & CSC 364 Varies with Topic Department Consent MAT 228 or MAT 229 MAT 228 or STA 220 STA 205 or STA 250 STA 305 or STA 250; or STA 305 or STA 250; or STA 305 or STA 316 or STA 3041	d electives SC major. Credits 3 3 3 3 3 3 3 3 3 3 1 - 3 3 1 - 3 3 1 - 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	if topics vary.	No more	
for a minimul ASE 230 CSC 362 CSC 402 CSC 450 CSC 460 CSC 464 CSC 482 DSC 396 DSC 431 DSC 431 DSC 494 DSC 499 MAT 325 MAT 325 MAT 329 MAT 375 STA 312 STA 316	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems Operating Systems Design & Analysis of Algorithms Computer Security Data Science Practicum Network Analysis Advanced Topics: Data Science Advanced Independent Study: Data Science Differential Equations Calculus III Applied Mathematical Models Elementary Survey Sampling Regression Analysis	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 350 & CSC 364 CSC 362 & CSC 364 CSC 362 & CSC 364 CSC 362 & CSC 364 CSC 364 & MAT 385 CSC 362 2.5 Cumulative GPA, DSC 311 STA 250, MAT 234, & CSC 364 Varies with Topic Department Consent MAT 228 or MAT 229 MAT 228 or STA 250 STA 205 or STA 250 STA 305 or STA 250 STA 305 or STA 250; or STA 305 or STA 316 or STA 341 STA 250, STA	d electives SC major. Credits 3 3 3 3 3 3 3 3 3 1 - 3 3 1 - 3 3 1 - 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	if topics vary.	No more	
for a minimul ASE 230 CSC 362 CSC 402 CSC 450 CSC 460 CSC 464 CSC 482 DSC 396 DSC 431 DSC 494 DSC 499 MAT 325 MAT 325 MAT 329 MAT 375 STA 312 STA 316 STA 317	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems Operating Systems Design & Analysis of Algorithms Computer Security Data Science Practicum Network Analysis Advanced Topics: Data Science Advanced Independent Study: Data Science Differential Equations Calculus III Applied Mathematical Models Elementary Survey Sampling Regression Analysis	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 350 & CSC 364 CSC 362 & CSC 364 CSC 362 & CSC 364 CSC 362 & CSC 364 CSC 364 & MAT 385 CSC 362 2.5 Cumulative GPA, DSC 311 STA 250, MAT 234, & CSC 364 Varies with Topic Department Consent MAT 228 or MAT 229 MAT 228 or MAT 229 MAT 228 or MAT 229 MAT 129 or MAT 227 & STA 205 or STA 250 STA 305 or STA 250 STA 305 or STA 316 or STA 305 or STA 316 or STA 314, or STA 341 MAT 228 or MAT 229 & STA 205 or STA 305 (≥ B-); or STA 250, STA 314, or STA 341 MAT 228 or MAT 229 & STA 250	d electives SC major. Credits 3 3 3 3 3 3 3 3 3 1 - 3 3 1 - 3 3 1 - 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	if topics vary.	No more	
for a minimul ASE 230 CSC 362 CSC 402 CSC 450 CSC 460 CSC 464 CSC 482 DSC 396 DSC 431 DSC 494 DSC 494 DSC 499 MAT 325 MAT 325 MAT 375 STA 312 STA 316 STA 317 STA 327	m of 6 credit hours. DSC 494 may be repeated fo than 6 hours of DSC 392/399/492/499 Course Server-Side Programming Computer Systems Advanced Programming Methods Database Systems Operating Systems Design & Analysis of Algorithms Computer Security Data Science Practicum Network Analysis Advanced Topics: Data Science Advanced Independent Study: Data Science Differential Equations Calculus III Applied Mathematical Models Elementary Survey Sampling Regression Analysis Introduction to Time Series Analysis	r credit toward the guided can count toward the DS Pre-req INF 286 CSC 360 CSC 362 & CSC 364 CSC 350 & CSC 364 CSC 362 & CSC 364 CSC 362 & CSC 364 CSC 362 & CSC 364 CSC 364 & MAT 385 CSC 362 2.5 Cumulative GPA, DSC 311 STA 250, MAT 234, & CSC 364 Varies with Topic Department Consent MAT 228 or MAT 229 MAT 228 or MAT 229 MAT 228 or MAT 229 MAT 228 or STA 250 STA 205 or STA 250 STA 205 or STA 250 STA 305 or STA 250, or STA 305 or STA 316 or STA 305 or STA 316 or STA 305 or STA 305 (> B-); or STA 305 NTA 316 314, or STA 341 MAT 228 or MAT 229 &	d electives SC major. Credits 3 3 3 3 3 3 3 3 3 1 - 3 3 1 - 3 3 1 - 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	if topics vary.	No more	

Students must have a grade of "C-" or better to meet pre-requisites for all courses unless otherwise indicated. Students also must earn a grade of "C-" or better in all courses that apply to the major and a minimum 2.00 major GPA. Please consult with your advisor and the appropriate University Course Catalog for all other degree requirements.