Math Area of Concentration

	FIRST YEAR COURSE SCHEDULE						
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	MATH 175 Calculus I	G	4		MATH 275 Calculus II	P	4
	MATH/CS 170 Introduction to Computer Science	P	4		SBS I	G	3
	FYS 101 Freshman Seminar	G	3		ENG 200 Writing II	G	3
	ENG 100 Writing I	G	3		HUM I	G	3
	COMS 108 Fundamentals of Speech Communication	G	3		HUM II	G	3
	Total Credit Hours		17		Total Credit Hours		16

	SECOND YEAR COURSE SCHEDULE						
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	MATH 276 Calculus III	P	4		MATH 301 Elementary Linear Algebra	P/U	3
	NCS I	G	3		PHYS 232 Engineering Physics II	P	4
	PHYS 231 Engineering Physics I	P	4		PHYS 232A Engineering Physics II Lab	P	1
	PHYS 231A Engineering Physics I Lab	P	1		MATH 300 Introduction to Proof	P/U	3
	NCS II	G	3		SBS II	G	3
	Total Credit Hours		15		Total Credit Hours		14

	THIRD YEAR COURSE SCHEDULE						
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	MATH 365 Introduction to Mathematical Statistics	U	3		MATH 350 Introduction to Higher Algebra	U	3
	MATH 312 Numerical Methods	U	3		MATH 363 Differential Equations	U	3
	Elective	*	3		Electives	*	9
	Electives (Upper division)	*/U	6				
	Total Credit Hours		15		Total Credit Hours		15

	FOURTH YEAR COURSE SCHEDULE						
✓	Fall Semester	Code	Credits	✓	Spring Semester	Code	Credits
	MATH 481 Mathematics for Engineers and Scientists or MATH 355 Operations Research	U	3		MATH 410 Introduction to Real Analysis	U	3
	MATH 404 Topology or MATH 486 Complex Variables	U	3		MATH 499D Senior Thesis II	G/U	1
	Electives(Upper division)	*/U	6		Electives	*	7
	MATH 499C Senior Thesis I	G/U	2		Elective	*	3
	Total Credit Hours		14		Total Credit Hours		14

Codes
 (P) Pre-Requisite Course(s) must be successfully passed to be eligible to enroll in this course.
(U) Upper Division Course 300-400 level (you must have 42 hours)
(R) Required Course, (E) Elective, (S) Supplemental, or (P) Pre-requisite, (G) General Education Course