

				Total SCH: 31 - 32			
1 <sup>st</sup> SEMESTER (FALL)		Hrs	Gr	2 <sup>nd</sup> SEMESTER (SPRING)		Hrs	Gr
	Elective(5)	3 - 4		MATH 2413	Calculus I	4	†
COSC 1336	Programming Fundamentals I	3	†	COSC 1337	Programming Fundamentals II	3	†
SPCH 1315	Applied Communication	3			Humanities Elective(1)	3	
ENGL 1301	Composition I	3	†	ENGL 1302	Composition II	3	†
	Social Science Elective(2)	3			Social Science Elective(2)	3	

ASSOCIATE DEGREE				AS in Computer Science				Total SCH: 64 - 65			
3 <sup>rd</sup> SEMESTER (FALL)		Hrs	Gr	4 <sup>th</sup> SEMESTER (SPRING)		Hrs	Gr				
PHYS 2325/2125	University Physics I & Laboratory	4		PHYS 2326/2126	University Physics II & Laboratory	4					
MATH 2414	Calculus II	4		COSC 2336	Programming Fundamentals III	3	†				
MATH 3381	Statistics	3		COSC 2312	Digital Logic	3	†				
COSC 2316	Web Programming and Design	3		COSC 2325	Machine Language	3					
COSC 2310	Discrete Structures	3	†	MATH 2318	Linear Algebra	3					

BACCALAUREATE DEGREE				BS in Computer Science				Total SCH: 124 - 126			
5 <sup>th</sup> SEMESTER (FALL)		Hrs	Gr	6 <sup>th</sup> SEMESTER (SPRING)		Hrs	Gr				
MATH 3349	Differential Equations	3 - 4		COSC 4310	Operating Systems	3					
COSC 3325	Computer Architecture	3		COSC 4300	Compiler Construction	3					
COSC 3355	Principles of Programming Languages	3		COSC 4332	Database Management Systems	3					
PHYS 3400	Modern Physics & Laboratory	4		COSC 4313	Computer Networks	3					
COSC 3345	Algorithm Analysis	3			Behavioral Science Elective(2)	3					

7 <sup>th</sup> SEMESTER (FALL)		Hrs	Gr	8 <sup>th</sup> SEMESTER (SPRING)		Hrs	Gr				
COSC 4346	Software Engineering	3		COSC 4190	Senior Project	1					
	Computer Science Elective(6)	3			Computer Science Elective(6)	3					
	Arts Elective(1)	3			Computer Science Elective(6)	3					
	Social Science Elective(2)	3			Social Science Elective(2)	3					
	Modern Language Elective(4)	3			Modern Language Elective(4)	3					
					Kinesiology Elective(3)	1					

MASTER DEGREE				MSIS in COMPUTER SCIENCE				Total SCH: 36			
9 <sup>th</sup> SEMESTER (FALL)		Hrs	Gr	10 <sup>th</sup> SEMESTER (SPRING)		Hrs	Gr				
	Graduate Computer Science Elective(7)	3			Graduate Computer Science Elective(7)	3					
	Graduate Computer Science Elective(7)	3			Graduate Computer Science Elective(7)	3					
	Graduate Specialty Elective(9)	3			Graduate Specialty Elective(9)	3					
11 <sup>th</sup> SEMESTER (FALL)		Hrs	Gr	12 <sup>th</sup> SEMESTER (SPRING)		Hrs	Gr				
	Graduate Computer Science Elective(8)	3			Graduate Computer Science Elective(8)	3					
	Graduate Specialty Elective(9)	3			Graduate Specialty Elective(9)	3					
ISCI 7300	Thesis	3		ISCI 7301	Thesis	3					

- (1) Humanities/Arts Elective: Any "Humanities/Visual Performing Arts" Elective in compliance with General Education Core Curriculum.
- (2) Behavioral/Social Science Elective: Any "Social and Behavioral Sciences" Elective in compliance with the General Education Core Curriculum.
- (3) Kinesiology Elective: Any "Kinesiology" Elective in compliance with the General Education Core Curriculum.
- (4) Modern Language Elective: Any "Modern Language" Elective in compliance with the General Education Core Curriculum.
- (5) Elective: Any of the following: MATH 1412, MATH 2332, a CIS Dept. approved science class with laboratory, or a CIS Dept. approved elective
- (6) Computer Science Elective: Any COSC at 3000 or 4000 level.
- (7) Graduate Computer Science Elective: Any COSC at 5000 level.
- (8) Specialty Elective: Any course in the same area of concentration approved by the CIS Dept.
- (9) Graduate Specialty Elective: Any graduate level course in at least two areas of concentration approved by the CIS Dept.

† Grade must be C or better