Texas A&M University - Corpus Christi
College of Science and Engineering
Master of Science in Computer Science
Catalog: 2021-2022

THESIS OPTION

***Students entering the program must have successfully completed the following preparatory coursework: In addition, students can take no more than 9 credits towards their degree prior to completing all leveling courses. All leveling must be completed with a grade of "B" or better.**

CS Preparatory Coursework (pre-eqs in parentheses)	Grade
COSC 1435 Problem Solving I (MATH)	
COSC 1436 Problem Solving II (COSC 1435)	
COSC 2334 Computer Architecture (COSC 1435 and MATH 2305)	
COSC 2437 Data Structures (COSC 1436 and MATH 2305)	
COSC3346 Operating Systems (COSC 1435 and COSC 2334)	
MATH 2305 Discrete Math	
MATH 2413 Calculus I	
Additional Junior level or higher mathematics course (Linear Algebra, Numerical Analysis or Applied Probability & Statistics)	

***Students can take no more than 9 hours towards their degree prior to completing all preparatory courses.**

CORE COURSES: (12 Credit Hours)		Grade	Hrs	Sem
COSC 6334	Design & Analysis of Algorithms		3	
COSC 6351	Advanced Computer Architecture		3	
COSC 6352	Advanced Operating Systems		3	
COSC 6393	Research Methods in Computer Science (spring only)		3	

ELECTIVES: (Minimum of 12 Credit Hours)			
COSC APPROVED GRADUATE ELECTIVE		3	
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THESIS: (pre or co-req rsch methods, COSC 6393, Spring)				
COSC 5398	Thesis I		3	
COSC 5399	Thesis II (prereq: COSC 5398)		3	
		Total	30	

Total Hours: 30 Minimum
GPA (Min 3.0):
Transfer hours (Max 12):
Residency hours (Min 18):
DIS hours (Max 6):

For required forms Refer to:http://gradcollege.tamucc.edu/contact_us/forms.html#collapse3

Student: _____ _____ A#_____

Faculty Advisor: _____ _____ date_____

Program Coordinator: _____ _____ date_____

Revised: 6/9/2021