

TEXAS A UNIVERSITY-CORPUS CHRISTI  
 COLLEGE OF SCIENCE AND ENGINEERING  
 MASTER OF SCIENCE IN COMPUTER SCIENCE 2011-2012

**PROJECT OPTION**

Name: \_\_\_\_\_ ID # \_\_\_\_\_

**\*Students entering the program must have successfully completed the following preparatory coursework:**

<b>CS Preparatory Coursework</b>	Location	Semester	Grade
COSC 5313 Computer Architecture	_____	_____	_____
COSC 5321 Data Structures	_____	_____	_____
COSC 5331 Operating Systems	_____	_____	_____
COSC 5325 Software Engineering High Level Programming Language	_____	_____	_____

<b>MATH Preparatory Coursework</b>	Location	Semester	Grade
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.**

<b>CORE COURSES (12 Credit Hours)</b>	Location	Semester	Grade	Hrs.	GP
COSC 5334 Design & Analysis of Algorithms	_____	_____	_____	3	_____
COSC 5351 Advanced Computer Architecture	_____	_____	_____	3	_____
COSC 5352 Advanced Operating Systems	_____	_____	_____	3	_____
COSC 5393 Research Methods in Computer Science	_____	_____	_____	3	_____

<b>ADDITIONAL REQUIRED COURSES</b>	Location	Semester	Grade	Hrs.	GP
COSC 5370 Advanced Software Engineering	_____	_____	_____	3	_____
COSC 5395 Graduate Project and Technical Report	_____	_____	_____	3	_____

<b>ELECTIVES:</b>	Location	Semester	Grade	Hrs.	GP
<b>(Min. 18 Credit Hours with at least 3 credit hours from each concentration track below)</b>					
COSC APPROVED GRADUATE ELECTIVE	_____	_____	_____	3	_____
COSC APPROVED GRADUATE ELECTIVE	_____	_____	_____	3	_____
COSC APPROVED GRADUATE ELECTIVE	_____	_____	_____	3	_____
COSC APPROVED GRADUATE ELECTIVE	_____	_____	_____	3	_____
COSC APPROVED GRADUATE ELECTIVE	_____	_____	_____	3	_____
COSC APPROVED GRADUATE ELECTIVE	_____	_____	_____	3	_____

Networking and Security	Scientific Computing & Visualization	Software & Programming
COSC 5355 Data Communications & Networking	COSC 5327 Intro to Computer Graphics	COSC 5330 Programming Languages
COSC 5357 Wireless Sensor Networks	COSC 5328 Advanced Computer Graphics	COSC 5336 Database Management Systems
COSC 5374 Computer Forensics	COSC 5340 Human Computer Interaction	COSC 5350 Advanced Topics in DBMS
COSC 5375 Information Assurance	COSC 5345 Sys Simulation and Modeling	COSC 5353 Compiler Design and Construction
COSC 5376 Network Security	COSC 5348 Expert Systems	
COSC 5377 Applied Cryptography	COSC 5354 Artificial Intelligence	
COSC 5379 Advanced Information Assurance	COSC 5356 Theory of Computation	
	COSC 5360 Parallel Computing	
	COSC 5361 Parallel Algorithms	

Total Hours:	_____
GPA (Min 3.0)	_____
Transfer hours (Max 6)	_____
5000 level hrs (Min 30)	_____
Rsdcy hours (Min 30)	_____
DIS hours (Max 6)	_____

Project Chairperson: \_\_\_\_\_ Date: \_\_\_\_\_

Committee Member: \_\_\_\_\_ Date: \_\_\_\_\_

Committee Member: \_\_\_\_\_ Date: \_\_\_\_\_

Student: \_\_\_\_\_ Date: \_\_\_\_\_