



**University of Texas - Pan American College of Science and Engineering  
Department of Computer Science Degree Plan**

**Master of Science - Major in Computer Science, Revised 9/08**

Name: \_\_\_\_\_ Student ID: \_\_\_\_\_  
Last First Middle  
 Email: \_\_\_\_\_ Phone \_\_\_\_\_  
 Address: \_\_\_\_\_ Advisor: \_\_\_\_\_  
Street City ZIP  
 Degree: **M.S., Major in Computer Science** Catalog: **2004-06 and later** Admission Date: \_\_\_\_\_

1. Required Computer Science lecture and seminar courses (12 hours Required)(1):

	Hours	Grade		Hours	Grade
CSCI 6323 Des. Algorithms	3		CSCI 6174 Seminar in CS (2)	1	
CSCI 6335 Architecture	3		CSCI 6175 Seminar in CS	1	
CSCI 6339 Theor. Found.	3		CSCI 6175 Seminar in CS	1	

Total required CS lecture and seminar: 12

2. Prescribed Computer Science elective courses (Thesis Option: 12 hours minimum required

Project Option: 15 hours minimum required):

	Hours	Grade		Hours	Grade
CSCI 6333 Database	3		CSCI 6360 Graphics	3	
CSCI 6334 Operating Sys.	3		CSCI 6361 Comp. Visual.	3	
CSCI 6336 Prog. Langs.	3		CSCI 6362 Interactive Sys.	3	
CSCI 6337 Simulation	3		CSCI 6363 Hu. Comp. Int.	3	
CSCI 6340 Software Engr.	3		CSCI 6364 Nw. Info. Sys.	3	
CSCI 6345 Networks	3		CSCI 6365 Nw. Security	3	
CSCI 6350 Artif. Intell.	3		CSCI 6366 Data Mining	3	
CSCI 6351 Know. Base. Sys	3		CSCI 6368 Multimedia	3	
CSCI 6354 Perform. Eval.	3		CSCI 6370 Topics in CS (3)	3	
CSCI 6355 Bioinformatics	3		CSCI 6175 Seminar in CS (3)	1	
CSCI 6356 Parallel Comp.	3		CSCI 6175 Seminar in CS	1	

Total prescribed CS elective: \_\_\_\_\_

3. Other Computer Science elective courses and courses not in Computer Science (6 hours maximum may apply): (4)

	Hours	Grade		Hours	Grade
CSCI 6300 Found. Systems	3		CSCI 6381 Ind. Res. & Study	3	
CSCI 6301 Found. Algor.	3		(Course not in CS)	3	
CSCI 6312 Internet Prog.	3		(Course not in CS)	3	
CSCI 6314 E-Commerce	3				

Total other electives: \_\_\_\_\_

4. Required Computer Science problems, project and thesis courses (3 hrs for project option, 9 hrs for thesis option): (5)

	Hours	Grade	or	Hours	Grade
CSCI 6380 Prob. in CS	3			CSCI 6390 Master's Proj.	3
CSCI 7300 Master's Thesis	3				
CSCI 7300 Master's Thesis	3				

Total required problems and thesis or project: \_\_\_\_\_

Total all courses (36 hrs Minimum): \_\_\_\_\_

- Notes:
1. For all required courses a grade of B or higher is required.
  2. CSCI 6174 is to be completed during first year of enrollment in graduate program.
  3. For CSCI 6370 and CSCI 6175 a maximum of six credit hours can be counted as prescribed electives.
  4. A combined maximum of six hours of non-prescribed (other) Computer Science electives and courses not in Computer Science can be counted toward the degree. CSCI 6302 may not count toward the degree.
  5. Students select either the project option and complete CSCI 6390 Master's Project or the thesis option and complete CSCI 6380 and 6 hours of CSCI 7300 Master's Thesis.

Remarks (approved substitutions, transfer credit, etc.): \_\_\_\_\_

Approved by: \_\_\_\_\_  
Department Chair Date

\_\_\_\_\_  
Dean or Associate Dean Date