

Student Worksheet for the BS-MS Degree Program

Name: _____

COMMENTS

BS Credit Hours		120	
Shared Coursework between BS and MS Degree		9 - 12	
Total Credit Hours Required for BS Degree Conferral		129+	Must have 3.0 GPA
MS Credit Hours		32	
Shared Coursework between BS and MS Degree		9 - 12	
Additional Coursework Hours Required		16 - 19	
Thesis Credit Hours (599)		4	
Total Credit Hours Required for MS Degree Conferral		32	Must have a 3.0 GPA

Breadth Requirement- 9-12 HRS - B- or Higher CREDIT HRS GRADE COMMENTS

Must complete three different courses, each from a different area, from the following eight core areas with a grade of B- or higher.

Architecture, Compilers, Parallel Computing			
CS 426, 431, 433, 435, 462, 483, 526, 533, 536			
Artificial Intelligence			
CS 440, 443, 446, 543, 546, 548, 549			
Database, Information Systems, Bioinformatics			
CS 410, 411, 412, 466, 511, 512			
Formal Methods, Programming Languages, Software Engineering			
CS 421, 422, 427, 428, 476, 477, 522, 528, 524, 527, 576			
Graphics/HCI			
CS 417, 418, 419, 465, 467, 519, 565			
Systems and Netowrking (includes real-time systems & security)			
CS 414, 423, 424, 425, 438, 439, 461, 463, 523, 525, 538, 541, 545, 563			
Scientific Computing			
CS 450, 457, 482, 554, 555, 556, 558			
Theoretical Computer Science			
CS 475, 571, 573, 574, 579, 583			
Total Credit Hours from Distribution Coursework - 9 to 12 credit hours			

ADVANCED COURSES (12 HRS) (CS 500-590 or 598) CREDIT HRS GRADE COMMENTS

One 500-level course must be the second course from one of the three chosen core areas above in the "Breadth Requirement". The other two courses may be chosen from any 500-level CS course (500-590 or 598).

500-level course to serve as second course from one of the three chosen core areas in Breadth Requirement			
Additional 2 500-level Courses (CS 500-590 or 598)			
Total Credit Hours from Advanced Courses - 12 credit hours			

ADDITIONAL COURSEWORK (4 to 7 hours) CREDIT HRS GRADE COMMENTS

Note: up to 4 credit hours of CS 591 may count towards the additional coursework.			
Total Credit Hours from Additional Courses - 4 to 7 credit hours			
Deposit of MS Thesis	Yes	No	

Degree requirements must be completed within 5 years for both degrees (up to 4 yrs for BS and 1 yr for MS).

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