

Student Worksheet for the BS-MCS Degree Program

Name: _____

COMMENTS

BS Credit Hours		120	
Shared Coursework between BS and MCS Degree		9 - 12	
Total Credit Hours Required for BS Degree Conferral		129+	Must have 3.0 GPA
MCS Credit Hours		32	
Shared Coursework between BS and MCS Degree		9 - 12	
Additional Coursework Hours Required		20-23	
Total Credit Hours Required for MCS Degree Conferral		32	Must have a 3.0 GPA

Breadth Requirement- 12-16 HRS - B- or Higher

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

	CREDIT HRS	GRADE	COMMENTS
Architecture, Compilers, Parallel Computing			
CS 426, 431, 433, 435, 462, 483, 484, 526, 533, 536			
Artificial Intelligence			
CS 440, 443, 445, 446, 447, 543, 544, 546, 548			
Bioinformatics and Computational Biology (effective Fall 2017)			
CS 466, 581			
Database, Information Systems			
CS 410, 411, 412, 510, 511, 512			
Formal Methods, Programming Languages, Software Engineering			
CS 421, 422, 427, 428, 476, 477, 522, 524, 527, 528, 576			
Graphics/HCI			
CS 417, 418, 419, 445, 465, 467, 519, 565			
Systems and Networking (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 473, 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; Grade must be C or higher.)

500-LEVEL Courses (500-590 or 598)	CREDIT HRS	GRADE	COMMENTS
Total Credit Hours from Advanced Courses - 12 credit hours			

Note: Only 4 credits of an approved Non-CS Advanced Course may count towards the degree.

ADDITIONAL COURSEWORK (4 to 7 hours)	CREDIT HRS	GRADE	COMMENTS
Total Credit Hours from Additional Courses - 4 to 8 credit hours			

Note: up to 4 credit hours of CS 591 may count towards the additional coursework.

Degree requirements must be completed within 5 years for both degrees (up to 4 yrs for BS & two semesters for MCS).