

MS Degree Program Requirements Student Planning Worksheet

Name: _____

COMMENTS

Must maintain an overall 3.0 GPA	
Degree must be completed within 5 semesters.	
ESL Requirement Complete (for international students only)	
Must complete 32 Credit Hours	
24-28 hours of Coursework	
Breadth Requirement Total Credit Hours Completed	
500-level Requirement Total Credit Hours Completed	
Additional Coursework Total Credit Hours Completed	
Minus additional CS 591 credit hours over 4 credits	
4 hours of Thesis Research (CS 599) required	
Total Credit Hours Completed	

Breadth Requirement: 9-12 HRS (Grade must be a B- or higher)

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	CREDIT HRS	GRADE	COMMENTS
CS 426, 431, 433, 435, 462, 483, 484, 526, 533, 536			
Artificial Intelligence			
CS 440, 443, 445*, 446, 447*, 543*, 544*, 546, 548			
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, 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 (from Fall 2015 only), 475, 571, 573, 574, 579, 583			
Total Credit Hours from Distribution Coursework - 9 to 12 credit hours			

* Courses approved effective SP 2016

ADVANCED COURSES: 12 HRS (CS 500-590 or 598; Grade must be C or higher)

Courses must not have been completed for the Breadth Requirement.

One 500-level course must be completed in one of the three chosen core areas above in the "Breadth Requirement".

The remaining two courses may be chosen from any 500-level CS course (500-590 or 598 only).

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

ADDITIONAL COURSEWORK (Minimum of 24 coursework hours and 32 total credit hours; Letter grades must be C or higher.)

Additional Courses	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			
Deposit of MS Thesis	Yes		No