

Professional MCS Degree Program Requirements

Student Planning Worksheet

Name:

UIN:

Date:

Reviewer Initials:

Cumulative GPA (<i>must maintain 3.0 or above</i>)		Total Credit Hours: Breadth Requirement	
ESL Requirement (<i>If required by Graduate College</i>)		Total Credit Hours: Advanced Requirement	
Eligible for 3 rd Semester Full-Time Internship		Total Credit Hours: Additional Coursework	
Completed in 4 Continuous Semesters		<i>Coursework not counted toward degree</i>	
		Total Credit Hours toward degree (minimum 32)	/ 32

BREADTH REQUIREMENT (Grade must be B- or higher)

Must complete four different courses, each from a different core area listed below with a grade of B- or higher.

AREA	Credit Hours	Grade	Semester	Comments
Architecture, Compilers, Parallel Computing				
CS 426, 431, 433, 483, 484, 526, 533, 534, 536				
Artificial Intelligence				
CS 440, 441, 442, 443, 444, 445, 446, 447, 448, 540, 542, 543, 544, 545, 546, 588, 598 DL for Healthcare				
Bioinformatics and Computational Biology				
CS 466, 581, 582				
Computers and Education				
CS 500				
Database and Information Systems				
CS 410, 411, 412, 470, 510, 511, 512, 514				
Interactive Computing				
CS 409, 415, 416, 417, 418, 419, 445, 465, 467, 469, 519, 565, 567, 568				
Programming Languages, Formal Methods, Software Engineering				
CS 421, 422, 427, 428, 474, 475, 476, 477, 521, 522, 524, 527, 576, 584				
Scientific Computing				
CS 450, 482, 554, 555, 556, 558				
Security and Privacy				
CS 461, 463, 507, 539, 562, 563				
Systems and Networking				
CS 414, 423, 424, 425, 434, 435, 436, 437, 438, 439, 461, 463, 498 Cloud Computing Applications, 523, 525, 537, 538, 541, 563				
Theoretical Computer Science				
CS 473, 475, 507, 571, 573, 574, 579, 580, 583, 586				
Total Credit Hours from Breadth Coursework (12-16 credit hours)	=	<i>In progress</i>	=	

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

One 500-level may be a 4-credit approved non-CS 500-level course or a 4-credit hour CS 597.

ADVANCED COURSES (500-level, CS 500-590 or 598)	Credit Hours	Grade	Semester	Comments
Total Credit Hours from Advanced Coursework (12 credit hours)	=	<i>In progress</i>	=	

OTHER REQUIRED COURSE & ADDITIONAL COURSEWORK (Grade must be C or higher)

Elective CS or other approved course(s) at 400- or 500-level with a grade of C or higher. Note up to 4 credit hours of CS 591, CS 491, or equivalent coursework may count towards the degree.

CS 591 Prof. Development (or comparable work experience in CS); or ENG 572 Professional Practicum (CS); or Elective course	Credit Hours	Grade	Semester	Comments
Additional Coursework	Credit Hours	Grade	Semester	Comments
Total Other Required & Additional Credit Hours	=	<i>In progress</i>	=	