Master of Computer and Information Science

Plan of Study / Check Sheet
MCIS – Computer Science track

Washkewicz College of Engineering

Name: _____ **ID:** _____ **Catalog Rights:** 2016-2017

Program Options: ☐ **Thesis** *(min. 32 credit hrs.)* ☐ **Non-Thesis** *(min. 32 credit hrs.)*

Preparatory Program

The preparatory program is meant for students with an undergraduate degree in a discipline other than computer science. Students will be required to complete the following preparatory program and earn a grade of B or better in each course. Depending on a student's background, all or some of the preparatory program may be waived by a departmental advisor.

	Credits	Waived	Recommended	Required	Completion Term	Completion Year	Grade
English Requirements							
ESL 502 Graduate Writing	2	☐	☐	☐			
ESL 503 Interm Grad ESL Speaking Skls	2	☐	☐	☐			
Analytical Methods							
ESC 310 Probability and Statistics for Engineers	3	☐	☐	☐			
MTH 220 Introduction to Discrete Mathematics	3	☐	☐	☐			
Application Programming							
CIS 260 Introduction to Programming	4	☐	☐	☐			
CIS 265 Data Structures and Algorithms	4	☐	☐	☐			
CIS 390 Introduction to Algorithms	3	☐	☐	☐			
Systems Programming							
CIS 335 Language Processors	3	☐	☐	☐			
CIS 340 Systems Programming	3	☐	☐	☐			
CIS 345 Operating Systems	3	☐	☐	☐			
Core Requirements							
CIS 524 Programming Languages	3	☐		☒			
CIS 600 Adv. Computer Architecture	3	☐		☒			
CIS 601 Graduate Seminar in CIS	1	☐		☒			
CIS 606 Analysis of Algorithms	3	☐		☒			
CIS 620 Advanced Operating Systems	4	☐		☒			
Elective Requirements:**							
CIS Elective: _____			☐	☐			
CIS Elective: _____			☐	☐			
CIS Elective: _____			☐	☐			
CIS Elective: _____			☐	☐			
CIS Elective: _____			☐	☐			
CIS Elective: _____			☐	☐			
CIS Elective: _____			☐	☐			

Total Required Hours: _____

Total Hours Completed: _____

Total Hours Remaining: _____

Cumulative GPA: _____

Student *Signature:* _____ **Date:** _____

Advisor *Signature*: _____ **Date:** _____

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Advisor Notes:

Requirements and Regulations:

** Students in the Non-Thesis track are required to complete a minimum of 18 credits of elective coursework. Students in the Thesis track are required to complete a minimum of 12 credits of elective coursework in addition to 6 credits of MS thesis research. Students who select the Internship Option are required to complete at least one credit of CIS 690 Professional Internship in CIS in addition to the minimum 32 credit hours required for the graduate program.

Additional Rules

- No more than three credit hours of Independent Study (CIS 698) may be applied toward the Computer Science track.
- No more than two credit hours of Professional Internship (CIS 690) may be applied toward the Computer Science track.
- Optional Dismissal: One grade of F, or two grades less than B
- Mandatory Dismissal: Two grades of F regardless of GPA: or 9 hours of B- or lower grades with a cumulative GP below 3.00
- Courses from outside the department must be approved by the advisor before course is taken

Student *Signature:* _____ **Date:** _____

Advisor *Signature*: _____ **Date:** _____

Advisor *Print Name*: _____