UNIVERSITY OF CEBU
Graduate School

Master in Science Teaching
major in Computer Science
Academic Track
Effective SY 2023-2024
(CMO No. 15, S. 2019)

Name: _____   **Date Started:** _____

PREREQUISITE COURSES for Non IT/ICS/IM/SE/COE			**12 UNITS**
CS 103A -	Discrete Structures		3
CS 104A -	Data Structures and Algorithms		3
CS 106 -	Programming Fundamentals		3
CS 107 -	Object-Oriented Design and Development		3

I.   FOUNDATION COURSES   9 units

Edu 200B	-	Foundation of Educational Management	3
Edu 201A	-	Methods of Research	3
Edu 202	-	Research Statistics	3

II.   MAJOR COURSES   15 units

CS 203A	-	File Processing and Database Management Systems	3
CS 204A	-	Structures of Programming Languages	3
CS 207	-	Automata and Language Theory	3
CS 209	-	Software Engineering	3
CS 224	-	Advanced Data Structures & Algorithm	3

III.   COGNATE COURSES (Choose 2 courses only)   6 units

CS 221	-	Human-Computer Interaction	3
CS 223	-	Intelligent Systems	3
Edu 237A	-	Outcomes-Based Teaching and Learning (OBTL)	3
Engl 220A	-	Advanced Speech Improvement for Teachers	3

COMPREHENSIVE EXAMINATION

IV.   THESIS REQUIREMENT   6 units

Edu 300A	-	Thesis Proposal	3
Edu 301	-	Thesis Writing	3

Summary:

Foundation Courses	=	9
Major Courses	=	15
Cognate Courses	=	6
Thesis Requirements	=	6
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		36 units

Total (for non IT/CS/IS/IM/SE/COE Baccalaureate degrees)	48
Total (for IT/CS/IS/IM/SE/COE Baccalaureate degrees)	36