Cebu Normal University

College of Teacher Education

**GRADUATE STUDIES**

DEGREE PROGRAM: Master of Arts in Education

Major in: **Mathematics Education (Math Ed.)**

 This program is intended for teachers who are teaching Math subjects and to other related professions who would like to enrich mathematical skills and abilities to solve real-life problems. This focuses on the theoretical aspects in mathematics through its axiomatic approach in establishing indispensable principles and the different methods and techniques in teaching mathematics effectively.

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| * **Foundation Courses 9 credit units**
 | **Rating** | **Unit** |
| **Found. Ed. 4001**. Philo-Social Foundations |  | 3 |
| **Found. Ed. 4002**.Descriptive and Inferential Statistics |  | 3 |
| **Found. Ed. 4003**. The Research Process |  | 3 |
| * **Major Courses 21 credit units**
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| **Math Ed. 4004**. Modern Geometry for Teachers |  | 3 |
| **Math Ed. 4005**. Foundation and Structures of Mathematics |  | 3 |
| **Math Ed. 4006**. Quantitative Analysis |  | 3 |
| **Math Ed. 4007**. Calculus for Mathematics Teachers |  | 3 |
| **Math Ed. 4008**. Probability Theory for Teachers |  | 3 |
| **Math Ed. 4009**. Innovative Strategies in Teaching Mathematics ( w/ emphasis on Mathematical Software Development) |  | 3 |
| **Math Ed. 4010**. Real Analysis |  | 3 |
| * **Cognates 6 credit units**
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| ***Any 2 of the 3 courses*** *Math Ed. 4011. Mathematical Logic for Teachers**Math Ed. 4012. Non-Parametric Data Analysis for Teachers**Math Ed. 4013. Info Tech*  |  |  3 3  |
| Completion Requirements* Comprehensive Examination
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| * + - * **Thesis Writing**
 |  | **6** |
| **Summary**: Foundation Courses ------------------ 9 units Major Courses ------------------------- 21 units Cognate Courses----------------------- 6 units Thesis Writing------------------------- 6 units **Total …………. 42 units** |  |  |

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 Signature over printed name

Approved:

ETHEL L. ABAO, Ed.D.

 Dean