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** |  |  |
| **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** |  |  |
| ***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 |  |  |
| * + - * **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.

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