|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Course Number and Title* | *Credits* | *Completed* | *In Progress* | *Future* |
| All candidates are required to submit a portfolio prior to their completion of Thesis or Project. |  |  |  |  |
| Teaching and Curriculum |  |  |  |  |
| MATHED 510 Mathematics Curriculum | 3 |  |  |  |
| At least two of the following:  MATHED 523 Teaching and Learning Algebra and Functions  MATHED 524 Teaching and Learning Geometry  MATHED 525 Teaching and Learning Calculus  MATHED 526 Teaching and Learning Statistics  MATHED 557 Teaching and Learning Number Concepts with Problem Solving | 6 |  |  |  |
| Educational Research |  |  |  |  |
| MATHED 512 Mathematics Education Research Design | 3 |  |  |  |
| At least one the following:  ED-CIFS 503 Fundamentals of Educational Research or  MATHED 511 Survey of Research in Mathematics Education or  Other approved educational research course | 3 |  |  |  |
| Mathematics Electives  MATH 501 Foundations of Mathematics  MATH 547 History of Mathematics  MATH 556 Linear Programing  MATH 564 Mathematical Modeling  or any other 500-level MATH course | 6 |  |  |  |
| Electives  MATH, MATHED, Education, or as approved by advisor | 6 |  |  |  |
| Culminating Activity |  |  |  |  |
| MATH 591 Project or MATHED 591 Project  or  MATH 593 Thesis or MATHED 593 Thesis | 3-6 |  |  |  |
| Total | 30-33 |  |  |  |