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| --- | --- | --- | --- | --- |
| *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 cr)  At least two of the following:  MATHED 523 Teaching and Learning Algebra and Functions (3 cr)  MATHED 524 Teaching and Learning Geometry (3 cr)  MATHED 525 Teaching and Learning Calculus (3 cr)  MATHED 526 Teaching and Learning Statistics (3 cr)  MATHED 557 Teaching and Learning Number Concepts with Problem Solving (3 cr) | 9 |  |  |  |
| Educational Research  MATHED 512 Mathematics Education Research Design (3 cr)  At least one the following:  ED-CIFS 503 Fundamentals of Educational Research (3 cr)  MATHED 511 Survey of Research in Mathematics Education (3 cr)  Or other approved educational research course | 6 |  |  |  |
| Mathematics Electives  MATH 501 Foundations of Mathematics (3 cr)  MATH 547 History of Mathematics (3 cr)  MATH 556 Linear Programing (3 cr)  MATH 564 Mathematical Modeling (3 cr)  Or any other 500-level MATH course | 6 |  |  |  |
| Electives  MATH, MATHED, Education, or as approved by advisor | 6 |  |  |  |
| Culminating Activity  591 Project or 593 Thesis in MATH or MATHED | 3-6 |  |  |  |
| Total | 30-33 |  |  |  |