|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Course Number and Title* | *Credits* | *Completed* | *In Progress* | *Future* |
| Select a minimum of one of the following:  ED-CIFS 540 Mathematical Thinking for Instruction: Number and Operations K-3  ED-CIFS 542 Mathematical Thinking for Instruction: Number and Operations 4-8  ED-CIFS 544 Mathematical Thinking for Instruction: Number and Operations 6-12 | 3 |  |  |  |
| Select a minimum of two of the following advanced Mathematical Thinking for Instruction courses:  ED-CIFS 541 Early Numeracy and Operations K-3  ED-CIFS 543 Applications of Rational Numbers and Proportional Reasoning 4-8  ED-CIFS 545 Applications of Algebra Topics 6-12 | 6 |  |  |  |
| Required Courses |  |  |  |  |
| ED-CIFS 546 Building Teacher Leaders of Mathematics | 3 |  |  |  |
| ED-CIFS 547 Measurement and Geometry | 3 |  |  |  |
| ED-CIFS 548 Data Analysis, Statistics, and Probability | 3 |  |  |  |
| ED-CIFS 549 Action Research and Its Implications in the Mathematics Classroom | 3 |  |  |  |
| Select one option from the following:  Mathematics Specialist K-8 Option  ED-CIFS 552 Mathematical Thinking for Instruction: Study of Practice in Mathematics  Mathematics Consulting Teacher Endorsement Option  ED-CIFS 546 Building Teacher Leaders of Mathematics | 3 |  |  |  |
| Total | 21 |  |  |  |