

# Master of Mathematics for Teachers

## Long-Term Projected Course Offering Information (as of Spring 2017)

Here are the currently planned course offerings for the terms Fall 2017 through Spring 2018. All of these offerings are tentative and subject to change, but are the current plan. Additional courses may eventually be added. The timing of 0.25 unit courses within a given term is unknown. Courses not planned to be offered annually in the same term have a note about the next offering provided. Calendar descriptions of all approved courses and lists of prerequisites for these courses can be found here: <http://goo.gl/ZnE1qm>

### Fall 2017

- MATH 600 – Mathematical Software
- MATH 640 – Number Theory
- MATH 650 – Mathematical Modelling
- MATH 674 Topic 004 – Fractals
- MATH 674 Topic 005 – Graph Theory
- MATH 674 Topic 009 – Math and Music
- MATH 692 – Mathematical Proofs

### Winter 2018

- MATH 631 – Statistics
- MATH 647 – Foundations of Calculus I
- MATH 641 – Algorithms
- MATH 674 Topic 003 – Cryptography
- MATH 674 Topic 006 – Math for Global Citizens
- MATH 674 Topic 007 – Quantum Information
- MATH 699 – Capstone Project

### Spring 2018

- MATH 636 – Linear Algebra
- MATH 648 – Foundations of Calculus II
- MATH 674 Topic 010 – TBD
- MATH 681 – Problem Solving
- MATH 690 – Summer Conference
- MATH 699 – Capstone Project

# Master of Mathematics for Teachers

## New Course Cycle Information (as of Spring 2017)

Here is the new planned course offerings for the terms Fall 2018 through Spring 2020, to be repeated thereafter on a two-year cycle. All of these offerings are tentative and subject to change, but are the current plan. The timing of 0.25 unit courses within a given term is unknown. Calendar descriptions of all approved courses and lists of prerequisites for these courses can be found here: <http://goo.gl/ZnE1qm>

### Fall 2018

- MATH 600 – Mathematical Software
- MATH 692 – Mathematical Proofs
- MATH 643 – Theory of Computation
- MATH 647 – Foundations of Calculus I
- MATH 674 Topic 004 – Fractals
- MATH 674 Topic 005 – Graph Theory

### Winter 2019

- MATH 630 – Probability
- MATH 642 – Intro to Computer Science
- MATH 648 – Foundations of Calculus II
- MATH 680 – History of Math I
- MATH 674 Topic 001 – Mathematical Finance I
- MATH 674 Topic 002 – Mathematical Finance II
- MATH 681 – Problem Solving
- MATH 699 – Capstone Project

### Spring 2019

- MATH 640 – Number Theory
- MATH 650 – Mathematical Modelling
- MATH 661 – Geometry
- MATH 674 Topic 008 – Special Relativity
- MATH 690 – Summer Conference
- MATH 699 – Capstone Project

### Fall 2019

- MATH 600 – Mathematical Software
- MATH 692 – Mathematical Proofs
- MATH 647 – Foundations of Calculus I
- MATH 674 Topic 007 – Quantum Information
- MATH 641 – Algorithms
- MATH 674 Topic 009 – Math and Music
- MATH 674 Topic 011 – TBA

### Winter 2020

- MATH 631 – Statistics
- MATH 648 – Foundations of Calculus II
- MATH 682 – History of Math II
- MATH 674 Topic 003 – Cryptography
- MATH 674 Topic 006 – Math for Global Citizens
- MATH 681 – Problem Solving
- MATH 699 – Capstone Project

### Spring 2020

- MATH 640 – Number Theory
- MATH 636 – Linear Algebra
- MATH 661 – Geometry
- MATH 674 Topic 010 – TBA
- MATH 690 – Summer Conference
- MATH 699 – Capstone Project