COURSE OFFERINGS PLAN / PREREQUISITES

Professional Seminar, Independent Learning Project ... every term
MAT618 Math Essentials ... every term
MAT623 Teaching Numerical & Geometric Structures ... every term
MAT708 Diagnosis & Remediation of Learning Problems in Mathematics ... every term
MAT605 Technol. in Math (preqs. 607, 609, 611, 613) ... Fall
MAT609 Euclidean Geometry ... Fall
MAT625 Number Theory (preq. MAT611) ... Fall
MAT611 Calculus I (preqs. MAT607, 609) ... Fall, Spring
MAT615 History of Math (preqs. MAT607, 609, 611) ... Fall, Spring
MAT790-791 Practicum and Practicum Seminar ... Fall, Spring
MAT631 Calculus II (preq. MAT611) ... Spring
MAT613 Discrete Math (preqs. MAT607, 609) ... Spring
MAT621 Data Analysis ... Spring
MAT635 Applied Math (preqs. MAT611, 631) ... Spring
MAT603 Arithmetic to Algebra ... Summer
MAT607 College Algebra ... Summer
MAT627 Abstract Algebra (preq. MAT607) ... Summer
MAT629 Non-Euclidean Geometry (preq. MAT609) ... Summer
MAT633 Probability & Statistics (preq. MAT613) ... Summer

Prerequisites as listed or program chair's approval.

Admission requirements: Bachelor's degree and other general requirements. Applicants for levels 5-8 and 8-12 must take a Cambridge College math placement test. Based on test results and program chair's recommendation, selected lower level math courses may be required before initial licensure courses.

Required to enter program for licensure:
- Pass Massachusetts Communication & Literacy Test (MTEL).
- 3.0 GPA at entry; must be maintained throughout program.

*Program credits: Total does not include the SEI requirement, which has multiple pathways for completion.

Non-licensure option: All program components are required except the Practicum, Practicum Seminar and teacher tests. Non-licensure students must complete all pre-practicum hours embedded in the courses.

Program and course schedule subject to change.

Program chair: Nicholas Rubino, PhD • nicholas.rubino@cambridgecollege.edu