



**MLB Math  
Course Checklist**

**Name:**

**Advisor:**

**Preparatory Course Requirements:**

The Math MLB MS program must include at least one course in each of the following four core areas:

- (1) linear algebra: 419§, 420, 571
- (2) algebra: 412§, 475, 493, 567, 575, 593, 594 or other 500-level algebra courses
- (3) analysis: 451§, 452, 525, 526, 555, 596, 597, or other 500-level analysis courses
- (4) topology/geometry: 490§, 537, 590, 591, or other 500-level topology/geometry courses

**Core Course Requirements:**

(four additional mathematics courses at the 500 level or above)

**Math 700 Required Research:**

(3 credits/1 course)

**Thesis Requirement:**

**Computing Requirement:**

(incorporate computing as part of thesis project or cognate course in which coding or computing is expected, including Math 571)