

MATHEMATICS

This document is a tool approved by the department as a complete and accurate checklist for 2014-15 Catalogue. Students who are meeting requirements with other courses than listed below must ask their advisor to file the waiver/substitution form (<http://www.cornellcollege.edu/registrar/gb-resources-faculty>). Students are expected to complete the major and minor requirements that were in effect at the time of Spring registration for their second year of courses. Transfer students who are admitted with sophomore or higher standing satisfy the requirements in effect when they begin their first course at Cornell. Students who have withdrawn from Cornell and are later readmitted follow the requirements in effect at the time of their readmission. Exceptions may be made by the department concerned in response to the student's petition, provided that such changes are feasible for and agreeable to the department.

Major: 10-12 courses

Completed **To Be Completed**

- | | | |
|---|-------|-------|
| 1. Completion of the calculus sequence through MAT122 | _____ | _____ |
| 2. CSC 140 | _____ | _____ |
| 3. CSC 151 | _____ | _____ |
| 4. STA 201, STA 202, or STA 348 | _____ | _____ |

A minimum of seven Math or Stats courses numbers 202 or above (at least 4 at the 300-level to include MAT 221, 236, 301 AND Either 327 or 337):

*Four courses at 300-level:

- | | | |
|--------------------------|-------|-------|
| 5. MAT 301 | _____ | _____ |
| 6. either MAT 327 or 337 | _____ | _____ |
| 7. MAT/STA 3_____ | _____ | _____ |
| 8. MAT/STA 3_____ | _____ | _____ |

Remaining 3 courses out of required 7:

- | | | |
|--|-------|-------|
| 9. MAT 221 | _____ | _____ |
| 10. MAT 236 | _____ | _____ |
| 11. MAT 2/3____ or STA 202 ____ or STA 3____ | _____ | _____ |

12. (Capstone) Verify completion of one of the following sequences:

- | | | |
|-------------|-------|-------|
| MAT 327-328 | _____ | _____ |
| MAT 337-338 | _____ | _____ |
| STA 347-348 | _____ | _____ |

MAT 110, 280/380, 290/390, and 511, STA 280/380 and 290/390 cannot be used to satisfy math major requirements.

Math Teaching Major:

Completion of the above Math major with the following stipulations:

MAT 231 must be included in the elective courses _____

grade point average in all Math courses of at least 2.5 _____

Prospective teachers must also apply for admission to the Teacher Education Program and complete a second major in Secondary Education described under *Education*. Prospective teachers should request a current list of the specific teaching major course requirements from the Education office.

Second Teaching Area in Mathematics: for information about a second teaching area in Mathematics, please consult the chair of the Education Department.

Mathematics Minor: minimum of six course credits in Mathematics which include:

Completed

To Be Completed

1. Completion of the calculus sequence through MAT 122 _____

A minimum of three Math courses which include:

2. MAT 221 _____

3. MAT 301 _____

4. MAT or STA _____

5. 300-level Math course: MAT 3 _____

6. CSC 151 _____