

## MATHEMATICS

*This document is a tool approved by the department as a complete and accurate checklist for 2017-2018 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 Students who have withdrawn from Cornell and are later readmitted follow the requirements in effect at the time of their readmission.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:** 10.25-12.25 courses

**Completed**                      **To Be Completed**

- |  |       |       |
|--|-------|-------|
| 1. Completion of the calculus sequence through MAT122                                  | _____ | _____ |
| 2. CSC 140   | _____ | _____ |
| 3. CSC 151   | _____ | _____ |
| 4. STA 201 or STA 202 (or STA 348 if it is not one of the 300-level courses completed) | _____ | _____ |

A minimum of seven Math or Stats courses numbers 202 or above (at least 4 at the 300-level or above to include MAT 221, 236, Either 327 or 337, and 485):

\*Four courses at 300-level:

- |                          |       |       |
|--------------------------|-------|-------|
| 5. either MAT 327 or 337 | _____ | _____ |
| 6. MAT/STA 3_____        | _____ | _____ |
| 7. MAT/STA 3_____        | _____ | _____ |
| 8. MAT 485 Capstone      | _____ | _____ |

Remaining 3 courses out of required 7:

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

12. Verify completion of one of the following sequences:

- |             |       |       |
|-------------|-------|-------|
| MAT 327-328 | _____ | _____ |
| MAT 337-338 | _____ | _____ |
| MAT 357-358 | _____ | _____ |
| STA 347-348 | _____ | _____ |

13. MAT 701 Culture Points \_\_\_\_\_

14. MAT 502 Capstone Preparation \_\_\_\_\_

MAT 105, 110, 280/380, 290/390, and 511, STA 280/380 and 290/390 cannot be used to satisfy math major requirements.

**Minors:**

**Applied Mathematics Minor:** minimum of five credits.

	<b>Completed</b>	<b>To Be Completed</b>
1. Completion of the calculus sequence through MAT 122	_____	_____
A minimum of four MAT/STA courses which include:		
2. MAT 221	_____	_____
3. MAT 236	_____	_____
4. Two selected from: MAT 234, MAT 357, MAT 358, MAT 485, STA 347, plus topics courses designated as eligible for the Applied Mathematics minor.	_____ _____	_____ _____
5. MAT 702	_____	_____

**Mathematics Minor:** minimum of five credits.

	<b>Completed</b>	<b>To Be Completed</b>
1. Completion of the calculus sequence through MAT 122	_____	_____
A minimum of four MAT/STA courses which include:		
2. MAT 221	_____	_____
3. MAT 327 or MAT 337	_____	_____
4. Two selected from: MAT 231, MAT 234, MAT 327, MAT 328, MAT 337, MAT 338, MAT 485, plus topics courses designated as eligible for the Mathematics minor.	_____ _____	_____ _____