

**MATH MAJOR CHECKLIST (Minimum of 64 units required)**

NAME \_\_\_\_\_ ADVISER \_\_\_\_\_

**1. MATHEMATICS DEPARTMENT COURSES (Minimum of 49 units required)**

**Calculus (10 units maximum)**

41\_\_42\_\_ and/or 10 units AP credit\_\_ 5 units AP credit\_\_

**50 series (15 units maximum applies toward major)**

51\_\_52\_\_53\_\_ and/or 51H\_\_52H\_\_53H\_\_

**Linear Algebra**

103\_\_ 113\_\_ 114\_\_

**Algebra**

109\_\_(WIM) 110\_\_(WIM) 111\_\_ 120\_\_(WIM) 121\_\_

152\_\_ 154\_\_ 155\_\_ 156\_\_

**Analysis/Differential Equations**

106\_\_ 115\_\_ 116\_\_ 131\_\_ 132\_\_ 135\_\_

136\_\_ 171\_\_(WIM) 174A\_\_ 174B\_\_ 175\_\_

**Probability/Combinatorics/Applications**

Stat 116\_\_ 108\_\_ 118\_\_ 151\_\_ 153\_\_ 180\_\_

**Geometry/Topology**

143\_\_ 145\_\_ 146\_\_ 147\_\_ 148\_\_

**Logic/Set Theory/Foundations**

Phil 151\_\_ Phil 152\_\_ 161\_\_ 162\_\_

**Other (E.g. College transfer courses, undergraduate courses not listed above,  
Sophomore seminars, independent work, graduate courses.)**

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**2. ELECTIVES FROM MATH OR OTHER DEPARTMENTS(15 units maximum)**

(i)\_\_\_\_\_ (ii)\_\_\_\_\_ (iii)\_\_\_\_\_

(iv)\_\_\_\_\_ (v)\_\_\_\_\_

**Department of Mathematics – STANFORD UNIVERSITY**  
**Undergraduate Program – Bachelor of Science**

**Degree Requirements**

Candidates for the degree in Mathematics without honors must complete the following requirements in addition to the University's basic requirements for the bachelor's degree.

1. Students must have completed a total of 64 unit credits to obtain a baccalaureate degree from the Department of Mathematics.
2. Students must have taken 49 unit credits of MATH specific courses (other than MATH 100) for a letter grade.
  - a. STATS 116, PHIL 151, and PHIL 152 can be counted towards this requirement.
3. Students must also have 15 credit units of electives taken from Mathematics courses numbered 101 and above or from approved courses in other disciplines.
  - a. Examples include: CS 103A/B, PHIL 150, PHYSICS 112, etc (check the Mathematics website for more examples)
4. In order to receive the department's recommendation for graduation, a student must be a declared Mathematics major for a minimum of two full quarters (it is preferred students declare by the end of their sophomore year). It is also strongly encouraged that the student also have an advisor from the department.

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**For more information, please contact:**  
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