Name ___________________________________ Stony Brook ID ________________

Checklist for Major Requirements
(NOT FOR MAJORS IN SECONDARY EDUCATION)

1. MAT 125/126/127____ or MAT 131/132____ or AMS 151/161____
   (Calculus A/B/C) (Calculus I/II) (Applied Calculus I/II)

2. MAT 203____ or AMS 261____ or MAT 307____
   (Calculus III w/applications) (Applied Calculus) (Multivariable Calculus w/Linear Algebra)

3. MAT 211____ or AMS 210____  Waived if completed MAT 307 and MAT 308
   (Intro to Linear Algebra) (Applied Linear Algebra)

4. MAT 303____ or AMS 361____ or MAT 308____
   (Calculus IV w/applications) (Applied Calculus IV) (Differential Equations w/Linear Algebra)

5. MAT 200____ or MAT 250____ or MAT 200 Challenge Exam____
   (Language Logic Proof) (Introduction to Advanced Mathematics) For a list of topics and problems go to www.math.stonybrook.edu/mat200

6. MAT 331____ or CSE 101____ or CSE 114____
   (Computer Assisted Mathematical Problem Solving) (Introduction to Computers) (Computer Science I)

   ESG 111____ or PHY 277____ or LIN 120____ or LIN 220____
   (Programming for Engineers) (Computations for Physics and Astronomy) (Language and Technology) (Computer Linguistics)

7. MAT 310____ or MAT 315____
   (Linear Algebra) (Advanced Linear Algebra)

8. MAT 312/AMS 351____ or MAT 313____
   (Applied Algebra) (Abstract Algebra)

9. MAT 319____ or MAT 320____
   (Foundations of Analysis) (Introduction to Analysis)

10. MAT 342____
    (Applied Complex Analysis)

11. MAT 322____ or MAT 324____ or MAT 341____
    (Analysis in Several Dimensions) (Real Analysis) (Applied Real Analysis)

12. Three MAT courses numbered 310 or above, beyond those taken to satisfy 4, 7, 8, 9, 10, 11 (MAT 331 can be used) OR four acceptable math related courses. Please refer to acceptable courses listed on the math website www.math.stonybrook.edu

13. Fulfillment of all Stony Brook Curriculum Requirements____

   These may be fulfilled by any appropriately certified course in any department. In particular, MAT 336 fulfills WRTD, SPK, and STAS. MAT 331 satisfies TECH and may be used to fulfill WRTD when taken in conjunction with MAT 459.

   Have all the above courses been taken for a letter grade and completed with a grade C or higher ______

Revised 10/25/21