CHECKLIST FOR SECONDARY TEACHER PREPARATION PROGRAM

1. MAT 125/126/127 ______ or MAT 131/132 ______ or MAT 141/142 ______ or AMS 151/161 ______
   (Calculus A/B/C)                                        (Calculus I/II)                             (Honors Calculus I/II)                (Applied Calculus I/II)

2. MAT 203 ______ or MAT 205 ______ or AMS 261 ______
   (Calculus III with applications)                  (Calculus III)                              (Applied Calculus III)

3. MAT 211 (Introduction to Linear Algebra) ______ or AMS 210 (Applied Linear Algebra)_______

4. MAT 200 (Logic Language Proof)_______

5. MAT 303 ______ or MAT 305 ______ or AMS 361 ______
   (Calculus IV with applications)                  (Calculus IV)                               (Applied Calculus IV)

6. MAE 330 ______ or MAT 331 ______ or CSE 114 (Foundations of Computer Science II)_______
   (Technology in the Math Classroom)        (Computer-Assisted Mathematical Problem Solving)

7. MAT 310 (Linear Algebra)_______

8. MAT 312 ______ or MAT 313 ______
   (Applied Algebra)                (Abstract Algebra)

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

10. AMS 310 (Survey of Probability and Statistics)_______

11. MAT 360 ______ or MAT 364 ______
    (Geometric Structures)                 (Topology and Geometry)

12. MAT 336 (History of Math)_______ *Fulfills DEC H Requirement

Note: MAE 330, MAT 312, MAT 319, and MAT 360 are specially designed for prospective teachers and are highly recommended.

13. MAE 301 (Foundations of Secondary School Math)_______ MAE 311 (Intro to Methods of Teaching)_______

   MAE 302 (Methods and Materials for Teaching)_______ MAE 312 (Micro-Teaching)_______

   MAE 447 (Directed Readings in Math)_______

   MAE 454 (Student Teaching Seminar)_______ MAE 451 ______ MAE 452 ______
   (Supervised Teaching-Mathematics; Grades 7-9, Grades 10-12)

14. PSY 327 (Human Growth and Development)_______ SSE 350 (Foundations of Education)_______

15. LIN 344 (Literacy Development)_______ CEF 347: Special Education ______

16. Upper-Division Writing Requirement: Expository ______ Expository ______ Proof ______

17. 1 year Language
   Have all the above courses been taken for a letter grade and completed with grade of C or higher

Revised: 8/8/13