Mathematics Secondary Education Requirement Checklist

Each line represents a major or correlate requirement for the Mathematics Secondary Education major. Please check off the requirements as completed and indicate which courses are satisfying them. Please note that these requirements do not include TCNJ's liberal learning and language requirements.

1. Required Courses:

    _____ MAT 128: Calculus B
    _____ MAT 200: Proof Writing Through Discrete Mathematics
    _____ MAT 205: Linear Algebra
    _____ MAT 229: Multivariable Calculus
    _____ MAT 255: Perspectives on the Development of Mathematics
    _____ MAT 301: Number Theory
    _____ MAT 305: Abstract Algebra
    _____ MAT 310: Real Analysis
    _____ MAT 351: Geometry
    _____ MAT 497: Topics in Secondary Mathematics from an Advanced Viewpoint

    _____ EFN 299: Schools, Communities, & Culture
    _____ SED 224: Adolescent Learning and Development
    _____ SPE 103: Social & Legal Foundations of Special Education
    _____ MTT 380: Methods of Teaching Mathematics I
    _____ MTT 390: Methods of Teaching Mathematics II
    _____ SED 399: Pedagogy in Secondary Schools
    _____ RAL 328: Reading in Secondary Education
    _____ MTT 490: Student Teaching in Mathematics (2 units)
    _____ SED 498: Collaborative Capstone for Professional Inquiry

2. MAT/STA Options: Two additional course units
    a. ____ MAT/STA: Course with number 300 or above   Course taken: _____
    b. ____ MAT/STA: Course with number 300 or above   Course taken: _____

3. Correlate requirements:
    a. ____ CSC 220
    b. ____ STA 216
    c. Lab Science Requirement (one course unit, check one):
        i. ____ BIO 201 Foundations of Biological Inquiry
        ii. ____ CHE 201 General Chemistry I
        iii. _____ PHY 201 General Physics I