CHECKLIST FOR GRADUATION REQUIREMENTS IN MATHEMATICS - TEACHER LICENSURE - AB

Minimum of 132 s.h. required for graduation (36 s.h. must be 300/400-level courses)

Name ________________________________ SSN ____________________________ H.S. deficiencies: Math ___ Foreign Language ___

General Studies Requirements
(General Studies must total at least 59 s.h.)

FIRST-YEAR CORE:

GST 110 - Global Experience (4 s.h.)

ENG 110 - College Writing (4 s.h.)
(C- or better required for graduation)

MTH 110 (or higher) (4 s.h.) *MTH 121

HED 110 - Wellness (3 s.h.)

Experiential Learning Requirement (ELR): (One Unit)
[May be met by any one of the following:
internship, practicum, co-op, study abroad, student teaching,
or an approved field-based course. Also may be met by
service, leadership, or individualized learning experience.]

LIBERAL STUDIES:

Expression (8 s.h.)
[Eight hours chosen from at least two of the following:
literature (in English or foreign languages), philosophy, & fine arts
(art, dance, fine arts, music, music theater, and theater arts).
At least one course must be literature.]

Civilization (8 s.h.)
[Eight hours chosen from at least two of the following:
history, foreign languages, and religion. Or eight hours from
foreign languages.]

Society (8 s.h.)
[Eight hours chosen from at least two of the following:
economics, geography, political science, psychology, and sociology.]

Science *PHY 113 (Lab: ___) *CSC 130 (8 s.h.)
[Eight hours chosen from one or more of the following:
mathematics, science, and computer science (must have CSC
department designation). One course must be a physical or
biological laboratory science.]

ADVANCED STUDIES (Must be outside major.):

*PSY 321 (8 s.h.)
[Eight hours of 300-400 level courses chosen from at least two of the
four areas listed under Liberal Studies. Certain approved 200 level
courses marked in the schedule books for each semester and in
the academic catalog may be chosen.]

GST Interdisciplinary Seminar (4 s.h.)
[300-400 level GST course; requires junior/senior status.]

*Required in major; may count in General Studies.

Electives: 9 semester hours

Total (s.h.)

Electives Total (s.h.)

Major Requirements

A minimum of 80 s.h. in the following courses is required.

___ CSC 130*4) - Computational Programming

___ MTH 121*4) - Calculus & Analytic Geometry I

___ MTH 221 (4) - Calculus & Analytic Geometry II

___ MTH 231 (4) - Mathematical Reasoning

___ MTH 311 (4) - Linear Algebra

___ MTH 312 (4) - Abstract Algebra

___ MTH 321 (4) - Calculus & Analytic Geometry III

___ MTH 425 (4) - Analysis

___ MTH 361 (4) - Seminar I

___ MTH 461 (2) - Seminar II

___ MTH 331 (4) - Modern Geometry

___ MTH 341 (4) - Probability Theory & Statistics

___ PHY 113*4) - Physics w/Calculus I

Professional Studies - Secondary & K-12

___ EDU 211 (4) - Intro to Education w/Practicum

___ EDU 322 (2) - Reading in Content Areas

___ EDU 422 (4) - Methods/Materials in Teaching Math

___ EDU 430 (3) - Foundations of Education

___ EDU 450 (3) - Meeting Special Learning Needs

___ EDU 480 (2) - Student Teaching Seminar

___ EDU 481 (10) - Student Teaching

___ PSY 321*4) - Educational Psychology

___ Comprehensive Evaluation

___ Major Total (s.h.)