CHECKLIST FOR GRADUATION REQUIREMENTS IN MATHEMATICS - BACHELOR OF SCIENCE
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) *PHY 114 (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):

(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: 29 semester hours

Electives Total (s.h.)

Major Requirements

A minimum of 56 s.h. in the following courses is required.

_____ CSC 130 (4) - Computational Programming

_____ One CSC course (4) numbered above 130 ____________

_____ 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 (2) - Seminar I

_____ MTH 461 (2) - Seminar II

Choose one course from the following:

_____ MTH 331 (4) - Modern Geometry

_____ MTH 341 (4) - Probability Theory & Statistics

_____ MTH 351 (4) - Theory of Computation

_____ MTH 415 (4) - Numerical Analysis

_____ MTH 421 (4) - Differential Equations

_____ MTH elective (4) at the 300/400-level (excluding MTH 481)

_____ PHY 113 * (4) - Physics w/Calculus I

_____ PHY 114 * (4) - Physics w/Calculus II

_____ Comprehensive Evaluation

_____ Major Total (s.h.)