2009 FALL Mathematics major (non-teaching)
Requirements Checklist, REV. 10/19/09

All of the following courses:

_____ MATH 190, Calculus I
_____ MATH 240, Elementary Differential Equations
_____ MATH 290, Calculus II
_____ MATH 390, Calculus III

One of the following Science sequences:

(1) CISC 105, CISC 110 and CISC 210, Problem Solving, Programming I & Data Structures
or _____ _____ _____

(2) CHEM 101 and CHEM 102, General Chemistry I & II
or _____ _____

(3) PHYS 101 and PHYS 102, General Physics I & II
_____ _____

Plus any other six from the following list:

_____ MATH 140, Elementary Statistics
_____ MATH 150, Geometry
_____ MATH 160, Trigonometry
_____ MATH 170, Finite Math
_____ MATH 260, Linear Algebra
_____ MATH 320, Discrete Mathematics
_____ MATH 360, Numerical Analysis
_____ MATH 415, Differential Equations II
_____ MATH 430, Abstract Algebra
_____ MATH 450, Independent Study in Mathematics

_____ OREN 105 (1 hour)
_____ CISC 100 or validation
_____ ENGL 110 or validation by ACT/SAT
_____ ENGL 111, HIST 112 or a writing-intensive research course in the major
_____ MATH 122, 124, 126, 135 or higher level Math course (one class required – students who validate MATH 135 by ACT/SAT or test may take a higher level math (excluding MATH 137) to satisfy this requirement)

Arts and Humanities (4 hours required)
_____ ENGL 120, 201, 225, 227, 228; HNRS 101, HUMA 222, 223; MUSC 101, THEA 104, VISA 110, 204, 208

Natural Sciences (4 hours required)
_____ BIOL 100, 101; CHEM 101, EVSC 111, GEOL 101, PHED 252, PHYS 101

Social Sciences (4 hours required)
_____ BUSN 201, GEOG 200, HIST 101, 102, 201, 202; POLS 203, 205, 207, 209; PSYC 101, SOCI 101, 105

_____ PHED 201
_____ CMNS 251
_____ CMNS 330 or HNRS 330
_____ CMNS 380 or HNRS 380

_____ CMNS 480, BIOL/EVSC 480, BUSN 446, ENGL 402, PHED 480 or PSYC 430

_____ SVLN 351, 354, 356; VISA 354

Arts & Lectures Series (no credit hours)