2007-08 Mathematics major (non-teaching)
Requirements Checklist, REV. 2/13/08

All of the following courses:

_____ MATH 104, Calculus I
_____ MATH 204, Calculus II
_____ MATH 300, Elementary Differential Equations
_____ MATH 304, 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 103, Trigonometry
_____ MATH 111, Finite Math
_____ MATH 205, Geometry
_____ MATH 215, Elementary Statistics
_____ MATH 301, Abstract Algebra
_____ MATH 320, Discrete Mathematics
_____ MATH 350, Linear Algebra
_____ MATH 360, Numerical Analysis
_____ MATH 405, Complex Analysis
_____ MATH 410, Partial Differential Equations
_____ MATH 415, Differential Equations II
_____ MATH 450, Independent Study in Mathematics

_____ OREN 105 (1 hour)
_____ CISC 100 or validation
_____ ENGL 110 or validation by ACT/SAT
_____ ENGL 111 or ENGL 200 or a writing-intensive research course in the major
_____ MATH 102 or higher level Math course
   (one class required – students who validate MATH 102 by ACT/SAT or test may take
   a higher level math 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, HNRS 102, 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

_____ PHED 201
_____ POLS 380 or HNRS 380
_____ RELG 330 or HNRS 330
_____ SOCI 251
_____ CMNS 480, BIOL/EVSC 480, BUSN 446,
   ENGL 402, PSYC 430

_____ SVLN 351, 352, 354, 355, 356; VISA 354

Arts & Lectures Series (no credit hours)