

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

_____ 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)

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

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

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

_____ 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)