

2012 FALL Mathematics major (non-teaching)
Requirements Checklist, REV. 6/4/12

ALL OF THE FOLLOWING COURSES

_____ MATH 190, Calculus I
_____ MATH 240, Differential Equations
_____ MATH 260, Linear Algebra
_____ MATH 290, Calculus II
_____ MATH 390, Calculus III
_____ MATH 460, Mathematics Seminar

And any other four of the following five*:

_____ MATH 140, Elementary Statistics
_____ MATH 170, Finite Math
_____ MATH 320, Discrete Mathematics
_____ MATH 430, Abstract Algebra
_____ MATH 460, Mathematics Seminar (a second time)

*Science Options: Any single one of the following science courses may substitute for at most one of the five selections above.

_____ CISC 210, Data Structures **or**
_____ CHEM 102, General Chemistry II **or**
_____ PHYS 102, General Physics II

TOTAL: 40 semester hour minimum. *Note that choosing from the Science Option will require prerequisite courses.*

Mathematics Minor

_____ MATH 190, Calculus I
_____ MATH 290, Calculus II

Any other MATH course numbered 140 or higher **and**
Any other MATH course numbered 240 or higher

TOTAL: 20 semester hours.

_____ 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, 213, 214, 223, 224, 225, 227, 228, 231, 250; HNRS 101, HUMA 222, 223; MUSC 101, REGL101, 102; THEA 104, VISA 110, 204 or 208

Natural Sciences (4 hours required)

_____ ATEP 252, BIOL 100, 101, 251; CHEM 101, EVSC 111, GEOL 101, PHED 252, PHYS 201

Social Sciences (4 hours required)

_____ BUSN 201, CRJU 101, GEOG 200, HIST 101, 102, 201, 202; POLS 203, 205, 207, 209; PSYC 101; SOCI 101, 105

_____ PHED 201 or PSYC 102

* _____ CMNS 251

_____ CMNS 330 or HNRS 330 or the combination of RELG 101 and RELG 102

_____ CMNS 380 or HNRS 330

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

* _____ SVLN 351, 354, 356; BUSN 356 or VISA354

Arts & Lectures Series (no credit hours)

Attended _____ of _____ required A&L events

*If you are double majoring with an Education major, CMNS 251, Service-Learning and CMNS 480 are not required.

COMMONS CURRICULUM

128.00 hours required for graduation

Commons: 53.00 semester hours

Major: 40.00 semester hours

Electives: 35.00 semester hours