

MATHEMATICS MINOR Plan Requirements

Campus: UMICH
Career: ULSA
Program: "blank"
Plan: MATHABLSA / MATHBSLSA / MATHBSCLSA

RG = Requirement Group
RQ = Requirement
LN = Line

RG 3341(BA) / 3400(BS) / 6018(BSC) MATHEMATICS MINOR PREREQUISITES

Effective Date FA01/1360 09/05/2001

RQ 3456 Prerequisites to the Mathematics Minor

Effective Date FA01/1360 09/05/2001

LN 0010	MATH 115-116.
LN 0020	MATH 175-176.
LN 0030	MATH 185-186.
LN 0040	MATH 295-296.
LN 0050	MATH 156.
LN 0060	Advanced Placement credits in MATH 120 and 121.

RG 3342(BA) / 3401(BS) / 6019(BSC) MATHEMATICS MINOR CORE

Effective Date FA01/1360 09/05/2001

RQ 3455 Second Year Courses (RQ 3455). Two courses from two areas.

Effective Date FA07/1660 09/04/2007

LN 0010	Multivariable Calculus - MATH 215, 255, or 285.
LN 0020	Multivariable Calculus - Repeated Courses.
LN 0030	Linear Algebra - MATH 214, 217, 417, or 419.
LN 0040	Linear Algebra - Repeated Courses.
LN 0050	Differential Equations - MATH 216, 256, or 286
LN 0060	Differential Equations - Repeated Courses.

Effective Date FA04/1510 09/07/2004

LN 0010	Multivariable Calculus - MATH 215, 255, or 285.
LN 0020	Multivariable Calculus - Repeated Courses.
LN 0030	Linear Algebra - MATH 214, 217, 417, or 419.
LN 0040	Linear Algebra - Repeated Courses.
LN 0050	Differential Equations - MATH 216, 256, 286, or 316.
LN 0060	Differential Equations - Repeated Courses.

Effective Date FA01/1360 09/05/2001

LN 0010	Multivariable Calculus - MATH 215, 255, or 285.
LN 0020	Linear Algebra - MATH 214, 217, 417, or 419.
LN 0030	Differential Equations - MATH 216, 256, 286, or 316

RQ 3457 Upper Level Courses: Three Courses from Exactly Two Areas: Analysis / Differential Equations, Algebra / Number Theory, Geometry / Topology, Applied Mathematics, Discrete Mathematics, and Financial / Actuarial Mathematics

Effective Date FA04/1510 09/07/2004

LN 0010	Analysis / Differential Equations.
LN 0020	Analysis / Differential Equations - Repeated Courses.
LN 0030	Algebra / Number Theory.
LN 0040	Algebra / Number Theory - Repeated Courses.
LN 0050	Geometry / Topology.
LN 0060	Geometry / Topology - Repeated Courses.
LN 0070	Applied Mathematics.
LN 0080	Applied Mathematics - Repeated Courses.
LN 0090	Discrete Mathematics.
LN 0100	Discrete Mathematics - Repeated Courses.
LN 0110	Financial / Actuarial Mathematics.
LN 0120	Financial / Actuarial Mathematics - Repeated Courses.

Effective Date FA01/1360 09/05/2001

LN 0010	Analysis / Differential Equations.
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LN 0020	Algebra / Number Theory.
LN 0030	Geometry / Topology.
LN 0040	Applied Mathematics.
LN 0050	Discrete Mathematics.
LN 0060	Financial / Actuarial Mathematics.

RQ 3529 Second Year Courses (RQ 3529) One course from one area

Effective Date FA04/1510 09/07/2004

LN 0010	Multivariable Calculus: MATH 215, 255, or 285
LN 0020	Multivariable Calculus - Repeated Courses.
LN 0030	Linear Algebra: MATH 214, 217, 417, or 419.
LN 0040	Linear Algebra - Repeated Courses.
LN 0050	Differential Equations: MATH 216, 256, 286, or 316
LN 0060	Differential Equations - Repeated Courses.

Effective Date FA01/1360 09/05/2001

LN 0010	Multivariable Calculus.
LN 0020	Linear Algebra.
LN 0030	Differential Equations.

RQ 3530 Upper Level Courses (RQ 3457) Four courses from exactly two areas

Effective Date FA04/1510 09/07/2004

LN 0010	Analysis / Differential Equations.
LN 0020	Analysis / Differential Equations - Repeated Courses.
LN 0030	Algebra / Number Theory.
LN 0040	Algebra / Number Theory - Repeated Courses.
LN 0050	Geometry / Topology.
LN 0060	Geometry / Topology - Repeated Courses.
LN 0070	Applied Mathematics.
LN 0080	Applied Mathematics - Repeated Courses.
LN 0090	Discrete Mathematics.
LN 0100	Discrete Mathematics - Repeated Courses.
LN 0110	Financial / Actuarial Mathematics.
LN 0120	Financial / Actuarial Mathematics - Repeated Courses.

Effective Date FA01/1360 09/05/2001

LN 0010	Analysis / Differential Equations.
LN 0020	Algebra / Number Theory.
LN 0030	Geometry / Topology.
LN 0040	Applied Mathematics.
LN 0050	Discrete Mathematics.
LN 0060	Financial / Actuarial Mathematics.

RG 3343(BA) / 3402(BS) / 6020(BSC) MATHEMATICS MINOR TOTALS AND GPA REQUIREMENT

Effective Date FA01/1360 09/05/2001

RQ 3459 Totals and GPA Requirement for the Mathematics Minor

Effective Date FA01/1360 09/05/2001

LN 0010	Minimum 15-18 hours required for the Mathematics minor.
LN 0020	Minimum 2.0 GPA required in the Mathematics minor. (precondition not in 0000021)

RQ 3383

A minimum GPA of 2.0 is required for a LSA Minor. GPA will need to be calculated manually. See your Minor Concentration Advisor. (precondition in 0000021)

Effective Date FA02/1410 09/03/2002

LN 0010	Manual calculation of GPA required.
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MATHEMATICS MINOR Plan Requirements

RQ 3568

Courses that can share between the Mathematics minor and other concentration plans

Effective Date [FA01/1360 09/05/2001](#)

LN 0010

A maximum of one course can be shared between the major and minor.