

MATHEMATICS MINOR Plan Requirements

Campus: UMICH
Career: UMUS
Program:
Plan:

RG = Requirement Group
RQ = Requirement
LN = Line

MATHBDA / MATHBFAM / MATHBMU / MATHBMA / MATHBSMUS / MATHBTA

RG 4582(BDA) / 4585(BFAM) / 4588(BMU) / 4591(BMA) / 4594(BSMUS) / 4597(BTA)

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 4583(BDA) / 4586(BFAM) / 4589(BMU) / 4592(BMA) / 4595(BSMUS) / 4598(BTA)

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 (RQ 3457). Three 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.

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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 4584(BDA) / 4587(BFAM) / 4590(BMU) / 4593(BMA) / 4596(BSMUS) / 4599(BTA)

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.

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.**

Effective Date FA02/1410 09/03/2002

LN 0010	Manual calculation of GPA required.
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RQ 3568 **Courses that can share between the Mathematics minor and other concentration plans**

MATHEMATICS MINOR Plan Requirements

Effective Date FA01/1360 09/05/2001

LN 0010

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