

## MATHEMATICS Honors Sub-Plan Requirements

Campus: UMICH  
Career: ULSA  
Program: "blank"  
Plan: 5080ABLSA / 5080BSLSA  
Sub-Plan: HONORS

RG = Requirement Group  
RQ = Requirement  
LN = Line

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### **RG 3300(BA) / 3407(BS)** HONORS MATHEMATICS PREREQUISITES Effective Date FA01/1360 09/05/2001

**RQ 3416** Prerequisites for Honors Mathematics  
Effective Date FA01/1360 09/05/2001

LN 0010	MATH 156-256.
LN 0020	MATH 175-286.
LN 0030	MATH 185-286.
LN 0040	MATH 295-396.

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### **RG 3301(BA) / 3408(BS)** HONORS MATHEMATICS REQUIREMENTS Effective Date FA04/1510 09/07/2004

**RQ 3417** Honors Math Basic Crses Opt. 1  
Effective Date FA04/1510 09/07/2004

LN 0010	LINEAR ALGEBRA - MATH 513.
LN 0020	LINEAR ALGEBRA - MATH 295-395.
LN 0030	LINEAR ALGEBRA - Repeated Courses.
LN 0040	ANALYSIS - MATH 451.
LN 0050	ANALYSIS - MATH 295-296.
LN 0060	ANALYSIS - Repeated Courses.
LN 0070	MODERN ALGEBRA - MATH 512.
LN 0080	MODERN ALGEBRA - Repeated Courses.
LN 0090	GEOMETRY/TOPOLOGY - MATH 433, 490, 531, 532, or 590.
LN 0100	GEOMETRY/TOPOLOGY - Repeated Courses.

**RQ 3551** Honors Math Basic Crses Opt. 2  
Effective Date FA04/1510 09/07/2004

LN 0010	LINEAR ALGEBRA - MATH 513.
LN 0020	LINEAR ALGEBRA - MATH 295-395.
LN 0030	LINEAR ALGEBRA - Repeated Courses.
LN 0040	ANALYSIS - MATH 451.
LN 0050	ANALYSIS - MATH 295-296.
LN 0060	ANALYSIS - Repeated Courses.
LN 0070	PROBABILITY - MATH 525.
LN 0080	PROBABILITY - Repeated Courses.
LN 0090	DIFFERENTIAL EQUATIONS - MATH 404, 454, 556, or 557.
LN 0100	DIFFERENTIAL EQUATIONS - Repeated Courses.

**RQ 3418** Electives and Cognate Requirement for Honors Mathematics  
Effective Date FA01/1360 09/05/2001

LN 0010	4 elective courses in Mathematics.
LN 0020	1 cognate, at the 300-level or above, in a department other than Mathematics. This course should have significant mathematical content of at least the MATH 215 level.

Effective Date FA01/1360 09/05/2001

## MATHEMATICS Honors Sub-Plan Requirements

### **RQ 3417 Honors Math Basic Crses Opt. 1**

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

LN 0010	LINEAR ALGEBRA - MATH 513.
LN 0020	LINEAR ALGEBRA - MATH 295-395.
LN 0030	ANALYSIS - MATH 541.
LN 0040	ANALYSIS - MATH 295-296.
LN 0050	MODERN ALGEBRA - MATH 512.
LN 0060	GEOMETRY/TOPOLOGY - MATH 433, 490, 531, 532, or 590.

### **RQ 3551 Honors Math Basic Crses Opt. 2**

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

LN 0010	LINEAR ALGEBRA - MATH 513.
LN 0020	LINEAR ALGEBRA - MATH 295-395.
LN 0030	ANALYSIS - MATH 451.
LN 0040	ANALYSIS - MATH 295-296.
LN 0050	PROBABILITY - MATH 525.
LN 0060	DIFFERENTIAL EQUATIONS - MATH 404, 454, 556, or 557.

### **RQ 3418 Electives and Cognate Requirement for Honors Mathematics**

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

LN 0010	4 elective courses in Mathematics.
LN 0020	1 cognate, at the 300-level or above, in a department other than Mathematics. This course should have significant mathematical content of at least the MATH 215 level.

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### **RG 3302(BA) / 3409(BS) HONORS MATHEMATICS TOTALS AND GPA REQUIREMENT**

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

#### **RQ 3419 Totals and GPA Requirement for Honors Mathematics**

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

LN 0010	Minimum 27 hours (9 courses) required for Honors Mathematics.
LN 0020	Minimum 2.0 GPA required in Honors Mathematics.

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### **RG 3307(BA) / 3410(BS) AREA DISTRIBUTION REQUIREMENT - FOR HONORS MATHEMATICS CONCENTRATORS**

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

#### **RQ 3420 Area Distribution Requirement, select 7 hours from Humanities, 7 hours from Natural Sciences and 7 hours from Social Sciences. These hours must be taken outside the area of concentration**

Effective Date [FA05/1560 09/06/2005](#)

LN 0010	7 hours from Humanities.
LN 0020	7 hours from Natural Sciences.
LN 0030	7 hours from Social Sciences.

Effective Date [FA97/1060 09/03/1997](#)

LN 0010	7 hours from Humanities.
LN 0020	7 hours from Natural Sciences.
LN 0030	7 hours from Social Sciences.

#### **RQ 3421 Additional Area Distribution Requirement, 3 credits in each of 3 of the following 5 areas: Humanities, Natural Science, Social Science, Mathematical & Symbolic Analysis and Creative Expression. Up to 9 hours may be Interdisciplinary.**

## MATHEMATICS Honors Sub-Plan Requirements

### Effective Date FA05/1560 09/06/2005

LN 0010	3 additional hours from Humanities.
LN 0020	3 additional hours from Natural Sciences.
LN 0030	3 additional hours from Social Sciences.
LN 0040	3 hours from Mathematical and Symbolic Analysis.
LN 0050	3 hours from Creative Expression.
LN 0060	3 hours from Interdisciplinary.
LN 0070	3 additional hours of Interdisciplinary.
LN 0080	3 additional hours of Interdisciplinary.

### Effective Date FA02/1410 09/03/2002

LN 0010	3 additional hours from Humanities.
LN 0020	3 additional hours from Natural Sciences.
LN 0030	3 additional hours from Social Sciences.
LN 0040	3 hours from Mathematical and Symbolic Analysis.
LN 0050	3 hours from Creative Expression.
LN 0060	3 hours from Interdisciplinary.
LN 0070	3 additional hours of Interdisciplinary.
LN 0080	3 additional hours of Interdisciplinary.

### Effective Date FA97/1060 09/03/1997

LN 0010	3 additional hours from Humanities.
LN 0020	3 additional hours from Natural Sciences.
LN 0030	3 additional hours from Social Sciences.
LN 0040	3 hours from Mathematical and Symbolic Analysis.
LN 0050	3 hours from Creative Expression.