# MATHEMATICS MINOR Plan Requirements

**Campus:** UMICH  
**RG = Requirement Group**  
**Career:** See table below  
**RQ = Requirement**  
**Program:** See table below  
**LN = Line**  
**Plan:** See table below

<table>
<thead>
<tr>
<th>Career</th>
<th>ULSA</th>
<th>UARC</th>
<th>UART</th>
<th>UBA</th>
<th>UDH</th>
<th>UENG</th>
<th>UKIN</th>
<th>UMUS</th>
<th>UNUR</th>
<th>UPP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plan</td>
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<td>BLSA</td>
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<td>MATHB</td>
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<td>SLSA</td>
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</tbody>
</table>

**NOTE:** RG#s listed below apply only to ULSA Plans. Drop down values on exception pages will display valid values for a student’s career.

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**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 |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>LN 0010</td>
<td>MATH 115-116</td>
</tr>
<tr>
<td>LN 0020</td>
<td>MATH 175-176</td>
</tr>
<tr>
<td>LN 0030</td>
<td>MATH 185-186</td>
</tr>
<tr>
<td>LN 0040</td>
<td>MATH 295-296</td>
</tr>
<tr>
<td>LN 0050</td>
<td>MATH 156</td>
</tr>
<tr>
<td>LN 0060</td>
<td>Advanced Placement credits in MATH 120 and 121</td>
</tr>
</tbody>
</table>

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**RG 8953(BA) / 8972(BS) / 9020(BSC)** MATH SETUP REQUIREMENTS These requirements do not print  
Effective WN12/1870 (01/04/2012)

- Allows sharing of all concentration prereq courses. All other reqs are the same.

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**RG 8953(BA) / 8972(BS) / 9020(BSC)** MATH SETUP REQUIREMENTS These requirements do not print  
Effective Date FA01/1360 09/05/2001

| RQ 5562 | A2 Setup  
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement) |
|---------|-----------------------------------|

| RQ 5561 | A1 Setup Requirement –  
All exceptions for Category A courses go to this requirement.  
Effective Date FA01/1360 09/05/2001 |
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>LN 0010</td>
<td>Multivariable Calculus</td>
</tr>
<tr>
<td>LN 0020</td>
<td>Lineal Algebra</td>
</tr>
<tr>
<td>LN 0030</td>
<td>Differential Equations</td>
</tr>
</tbody>
</table>

| RQ 5564 | Category B4 Setup  
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement) |
|---------|-----------------------------------|

| RQ 5563 | Category B3 Setup –  
All exceptions for Category B courses go to this requirement.  
Effective Date FA01/1360 09/05/2001 |
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>LN 0010</td>
<td>Analysis / Differential Equations</td>
</tr>
<tr>
<td>LN 0020</td>
<td>Algebra / Number Theory</td>
</tr>
<tr>
<td>LN 0030</td>
<td>Geometry / Topology</td>
</tr>
</tbody>
</table>
MATHEMATICS MINOR Plan Requirements

LN 0040  Applied Mathematics
LN 0050  Discrete Mathematics
LN 0060  Financial / Actuarial Mathematics

RG 8954(BA) / 8973(BS) / 9021(BSC)  MATHEMATICS MINOR CORE SETUP – These requirements do not print
Effective WN12/1870 (01/04/2012)  Allows sharing of all concentration prereq courses. All other reqs are the same.

RG 8954(BA) / 8973(BS) / 9021(BSC)  MATHEMATICS MINOR CORE SETUP – These requirements do not print
Effective Date FA01/1360 09/05/2001

RQ 5565  Analysis / Differential Equations - Applied Mathematics
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement)

RQ 5566  Analysis / Differential Equations - Financial / Actuarial Mathematics
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement)

RQ 5567  Applied Mathematics - Financial / Actuarial Mathematics
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement)

RQ 5569  Analysis / Differential Equations - Algebra / Number Theory
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement)

RQ 5570  Analysis / Differential Equations - Geometry / Topology
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement)

RQ 5571  Analysis / Differential Equations - Discrete Mathematics
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement)

RQ 5572  Algebra / Number Theory - Geometry / Topology
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement)

RQ 5575  Algebra / Number Theory - Applied Mathematics
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement)

RQ 5576  Algebra / Number Theory - Discrete Mathematics
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement)

RQ 5577  Algebra / Number Theory - Financial / Actuarial Mathematics
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement)

RQ 5578  Geometry / Topology - Applied Mathematics
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement)

RQ 5584  Geometry / Topology - Discrete Mathematics
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement)

RQ 5585  Geometry / Topology - Financial / Actuarial Mathematics
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement)

RQ 5586  Applied Mathematics - Discrete Mathematics
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement)

RQ 5588  Discrete Mathematics - Financial / Actuarial Mathematics
Effective Date FA01/1360 09/05/2001 (No Exceptions to this Requirement)
MATHEMATICS MINOR Plan Requirements

Allow sharing of all concentration prereq courses. All other reqs are the same.

RG 8955(BA) / 8974(BS) / 9022(BSC) MATHEMATICS MINOR CORE

Effective Date FA01/1360 09/05/2001

RQ 5568 Mathematics Core Requirement

Effective Date FA01/1360 09/05/2001

[No Exceptions to this Requirement]

LN 0010 Category A
LN 0020 Analysis / Differential Equations
LN 0030 Algebra / Number Theory
LN 0040 Geometry / Topology
LN 0050 Applied Mathematics
LN 0060 Discrete Mathematics
LN 0070 Financial / Actuarial Mathematics

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

Effective WN12/1870 (01/04/2012)

Allows sharing of all concentration prereq courses. All other reqs are the same.

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

Effective Date FA01/1360 09/05/2001

RQ 3459 Total Hours and GPA Requirement for Mathematics Minor

Effective Date FA01/1360 09/05/2001

LN 0010 Minimum 15 hours in the minor
LN 0020 Minimum 10 hours taken in residence
LN 0030 Minimum 2.0 GPA in the minor

(precondition in 000021: UARC, UBA, UDH)

RQ 3383 Minimum 2.0 GPA in an LSA Minor. GPA will need to be calculated manually. See your Minor Concentration Advisor.

(precondition in 000021: UARC, UBA, UDH)

Effective FA00/1310 (09/06/2000)

LN 0010 Manual calculation of GPA required.

RQ 3568 Courses that can share between the Mathematics minor and other concentration plans

Effective Date FA01/1360 09/05/2001

LN 0010 Plan
LN 0020 Subplan
LN 0030 A maximum of one course from the following list may be shared with the minor.