

## Secondary Education: Mathematical Sciences Transfer Guide

This Transfer Guide is an exhibit to the Articulation Agreement between the Board of Trustees of Northern Illinois University and Waubensee Community College with an Articulation Agreement Effective Date of August 24, 2020. All capitalized terms which are not defined herein shall have the same meanings set forth in the Articulation Agreement.

### Major (AA/AS/etc.) to Major (BA/BS/etc.)

Waubensee Community College (“CC”) and Northern Illinois University

*This is a **sample** course pattern. Students must work with their advisor to develop a curriculum plan that meets their scheduling needs. Summer classes can also reduce the load during the fall and spring semesters.*

#### First Year

| <b>First Semester</b> |                          | <b>Second Semester</b> |                  |
|-----------------------|--------------------------|------------------------|------------------|
| ENG 101               | 3 hrs (ENGL 103)         | ENG 102                | 3 hrs (ENGL 203) |
| MTH 131               | 4 hrs (MATH 229)         | PSY 100                | 3 hrs (PSYC 102) |
| ECN 201 or 202        | 3 hrs (ECON 260 or 261)  | MTH 132                | 4 hrs (MATH 230) |
| BIO 100 or 110        | 3 hrs (BIOS 103 or 106)  | PHY 221                | 5 hrs (PHYS 253) |
| CIS 115               | 3 hrs (General Elective) |                        |                  |
| <b>Total</b>          | <b>16 hrs</b>            | <b>Total</b>           | <b>15 hrs</b>    |

#### Second Year

| <b>First Semester</b>    |                        | <b>Second Semester</b> |                        |
|--------------------------|------------------------|------------------------|------------------------|
| Fine Arts Course         | 3 hrs (NIU equivalent) | HUM 102                | 3 hrs (S & C Elective) |
| MTH 233                  | 4 hrs (MATH 232)       | COM 100                | 3 hrs (COMS 100)       |
| CIS 130                  | 3 hrs (CSCI 240^)      | MTH 236                | 4 hrs (MATH 240)       |
| EDU 200                  | 3 hrs (EPFE 201)       | MTH 240                | 3 hrs (MATH 336)       |
| Physical or Life Science | 3 hrs (NIU equivalent) | EDU 210                | 3 hrs (EPS 300)        |
| <b>Total</b>             | <b>16 hrs</b>          | <b>Total</b>           | <b>16 hrs</b>          |

#### Third Year at NIU

| <b>First Semester</b> |               | <b>Second Semester</b> |               |
|-----------------------|---------------|------------------------|---------------|
| MATH 353 (Fall only)  | 3 hrs         | MATH 411               | 3 hrs         |
| MATH 360              | 3 hrs         | MATH 416               | 3 hrs         |
| STAT 300              | 3 hrs         | MATH 420               | 3 hrs         |
| LTIC 420              | 3 hrs         | ETRA 422 (Fall only)   | 4 hrs         |
| Elective (if needed)  | 3 hrs         | Elective (if needed)   | 3 hrs         |
| ILAS 201              | 1 hr          | ILAS 301               | 1 hr          |
| <b>Total</b>          | <b>16 hrs</b> | <b>Total</b>           | <b>14 hrs</b> |

#### Fourth Year at NIU

| <b>First Semester</b> |               | <b>Second Semester</b> |               |
|-----------------------|---------------|------------------------|---------------|
| MATH 401              | 1* hr         | MATH 413               | 12 hrs        |
| MATH 412              | 3 hrs         |                        |               |
| MATH 430              | 3 hrs         |                        |               |
| SESE 457              | 3 hrs         |                        |               |
| Elective (if needed)  | 3 hrs         |                        |               |
| <b>Total</b>          | <b>13 hrs</b> | <b>Total</b>           | <b>12 hrs</b> |

**COMMENTS:** 120 hours needed for graduation  
If a student does not place into Calculus I their first semester then taking a math course during the summer session would be beneficial. It may even be necessary to take a math course during more than one summer session to help complete the math sequence through Calculus III and Linear Algebra before starting at NIU.  
^ Students will need to complete a course substitution form for CIS 230 to articulate to CSCI 240  
\* Course can be taken for 1 or 2 hours  
With the exception of MATH 353 and ETRA 422 as noted above all courses can be taken in either fall or spring semester

#### COMMENTS

**Accreditation** – Council for the Accreditation of Educator Preparation (CAEP), National Council of Teachers of Mathematics (NCTM)

**GPA Graduation Requirements/Course Grade Requirements/etc.** [Cumulative NIU GPA must be at least 2.5; minimum 2.25 GPA for all MATH/STAT course. Must earn grade of “C” or better in all MATH/STAT and professional education courses required for major/licensure.]

\*\* [ILAS 201 application is due March 1<sup>st</sup> for fall semester and October 1<sup>st</sup> for spring semester. Application can be found at:  
<http://www.math.niu.edu/mathed/cert/appl.html>]

**Transfer Guide is in effect from Fall 2020 – Fall 2022**

#### **Institutional Contacts:**

Northern Illinois University: [transfercenter@niu.edu](mailto:transfercenter@niu.edu), Attention “Transfer Center,” Tel: 815-753-0446; and

Waubonsee Community College [skocunik@waubonsee.edu](mailto:skocunik@waubonsee.edu) 630-466-7900, ext. 2933

#### **Departmental contacts:**

Northern Illinois University: Paul Stevenson, [pstevenson@niu.edu](mailto:pstevenson@niu.edu), 815-753-6749  
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