

## Transfer Guide

### Mathematics A.S. to Mathematics B.A.

**Southwestern Illinois College and Eastern Illinois University**

*This is a suggested 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

##### First Semester

ENG 101 <sup>1</sup> Rhetoric & Comp I	3 (ENG 1001G)
COMM 151 <sup>1</sup> Public Speaking	3 (CMN 1310G)
MATH 114 Trigonometry	3 (MAT 1410)
IAI Life Science	4 (BIO Gen Ed)
Elective <sup>4</sup>	3 (Elective)
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##### Second Semester

ENG 102 <sup>1</sup> Rhetoric & Comp II	3 (ENG 1002G)
MATH 203 <sup>2</sup> Calculus I	5 (MAT 1441G)
IAI Fine Arts <sup>3</sup>	3 (FA Gen Ed)
IAI Social Behavioral Science <sup>3</sup>	3 (SB Gen Ed)
HES 151 Health & Wellness	2 (Elective)
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#### Second Year

##### First Semester

MATH 204 Calculus II	5 (MAT 2442)
MATH 171 Computer Science I	4 (CSM 2170)
IAI Humanities <sup>3</sup>	3 (HUM Gen Ed)
IAI Physical Science	4 (PS Gen Ed)
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##### Second Semester

MATH 205 Calculus III	4 (MAT 2443)
MATH 290 <sup>6</sup> Differential Equations	3 (MAT 3501)
IAI Social Science <sup>3</sup>	3 (SB Gen Ed)
Elective <sup>4</sup>	3 (Elective)
Elective <sup>7</sup>	3 (Elective)
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#### Third Year

##### First Semester

MAT 2800 Foundations of Math	3
MAT 3701 Probability & Stats	3
MAT Elective	3
For Lang <sup>5</sup> or Electives	4
Elective	1
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##### Second Semester

MAT 3530 Abstract Algebra	4
MAT Elective	3 (Upper Level)
Elective	3 (Upper Level)
For Lang <sup>5</sup> or Electives	4
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#### Fourth Year

##### First Semester

EIU 4 _____ Senior Seminar	3
MAT 4760 Linear Algebra	4
MAT 4860 Analysis	4
Elective <sup>4</sup>	3 (Upper Level)
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##### Second Semester

MAT 4855 Topology	3
MAT 4700 Seminar	2
MAT Elective	3 (Upper Level)
Elective <sup>4</sup>	3 (Upper Level)
Elective <sup>4</sup>	3 (Upper Level)
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<sup>1</sup> Must have a grade of "C" or better in Composition I, Composition II, and Public Speaking.

<sup>2</sup> May need to take one or more mathematics prerequisites.

<sup>3</sup> Students must take one Human Relations course and one Non-Western Culture course at SWIC. Courses selected may also be applied toward the Humanities, Fine Arts, Social Science, or Behavioral Science General Education requirements as applicable.

<sup>4</sup> Electives to be chosen in consultation with advisor. May choose a minor.

<sup>5</sup> Foreign Language is a graduation Requirement. Two full years of high school foreign language with a "C" average or completion of the second semester of a college foreign language will satisfy this requirement.

<sup>6</sup> MATH 205 and MATH 290 can only be taken in the same semester with department approval; alternatively, MATH 290 can be taken in the summer session.

<sup>7</sup> At least 3 semester credits must be an additional science course; see SWIC catalog for list of course options.

**NOTE – Transfer Guide is in effect Fall 2022-2027. Departmental Contacts are Eastern Illinois University: Marshall Lassak, [mblassak@eiu.edu](mailto:mblassak@eiu.edu), 217-581-6450; and Southwestern Illinois College: Keven Hansen, [keven.hansen@swic.edu](mailto:keven.hansen@swic.edu), 618-235-2700 x5611. Institutional Contacts: Eastern Illinois University: Rita Pearson, [ripearson@eiu.edu](mailto:ripearson@eiu.edu), 217-581-7663; and Southwestern Illinois College: DeAnna Mueller, [deanna.mueller@swic.edu](mailto:deanna.mueller@swic.edu), 618-235-2700 x 5262.**

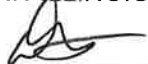
**Articulation Agreement**  
Between  
**Eastern Illinois University**  
And  
**Southwestern Illinois College**


Southwestern Illinois College (SWIC) and the Board of Trustees of Eastern Illinois University (EIU) form a cooperative relationship through this articulation agreement to serve better our public constituents, to smooth transfer, to minimize duplication of instruction, and to build on community college and university learning experiences. Both institutions recognize that working together, their collective efforts are stronger than their individual efforts.

The two institutions agree to the following:

1. Any student who has completed a transferable associate in arts degree at SWIC consistent with the Illinois Articulation Initiative (with the required 2.00 GPA) and submits required application and supporting documentation will automatically be admitted to EIU at the junior level and will be deemed to have met EIU's lower division general education requirement.
2. Acceptance into a specific EIU program is based on the individual transferring student meeting the conditions and considerations listed for that program. Specifically, students completing the **Mathematics AS** program at SWIC will be admitted to the baccalaureate **Mathematics BA** program at EIU.
3. The courses listed in the attached prescribed SWIC transfer guide has been reviewed and accepted for transfer to EIU.
4. Relationships between SWIC and EIU faculty and administration are in the spirit of cooperation and provide the basis for this agreement
5. Representatives of both institutions agree to meet on a regular basis to assess curricular changes and other conditions that may affect the nature of this agreement.
6. This agreement does not preclude either institution from making curriculum changes as it may solely deem appropriate in which case appropriate prior notice will be given to the operative academic personnel at the cooperating institution.
7. Appropriate publications and promotional materials regarding this agreement will be made available to all SWIC students.
8. Either EIU or SWIC may dissolve this agreement by giving one years' advance notice to the cooperating institution's president or academic vice president.
9. This agreement is effective for the **2023- 2027** academic years and is subject to renewal quadrennially.

EASTERN ILLINOIS UNIVERSITY

  
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David Glassman, President

  
\_\_\_\_\_  
Jay Gatrell, Provost and  
Vice President for Academic Affairs

11/10/22  
\_\_\_\_\_  
Date

11/15/22  
\_\_\_\_\_  
Date

SOUTHWESTERN ILLINOIS COLLEGE

  
\_\_\_\_\_  
Nick Mance, President

  
\_\_\_\_\_  
Gina Segobiano, Chief  
Academic Officer

2-15-23  
\_\_\_\_\_  
Date

2-20-23  
\_\_\_\_\_  
Date