## Associate in Arts Degree in Mathematics Education

**Transfer Curriculum:** 000AA0086  
**Associate of Arts:** 63 Hrs. Min.  
**Major Code:** 1.1270101A  
**Effective Date:** Fall 2019

### GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

<table>
<thead>
<tr>
<th>IAI COMMUNICATIONS (3 COURSES)</th>
<th>Sem.</th>
<th>Grade</th>
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<tbody>
<tr>
<td>ENG 101 or ENG 113 (C grade or higher)</td>
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<tr>
<td>ENG 102 (C grade or higher)</td>
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<tr>
<td>COM 115 Speech</td>
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<thead>
<tr>
<th>IAI HUMANITIES AND FINE ARTS (2 COURSES)</th>
<th>Sem.</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Fine Arts Elective (3)</td>
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<tr>
<td>Humanities Elective (3)</td>
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<tr>
<td>Fine Arts or Humanities Elective (3)</td>
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**IAI Humanities Electives:**
- Art: ART 111, 220, 221, 291
- Literature: LIT 275
- Music: MUS 105, 225
- Theater: THE 113

**IAI Fine Arts Electives:**
- Art: ART 111, 220, 221, 291
- Literature: LIT 275
- Music: MUS 105, 225
- Theater: THE 113

### IAI MATHEMATICS (1 COURSE)

<table>
<thead>
<tr>
<th>MAT 131 (5)</th>
<th>Sem.</th>
<th>Grade</th>
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### IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

<table>
<thead>
<tr>
<th>PSY 132 (3)</th>
<th>Sem.</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Social Science Elective (3)</td>
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**IAI Social and Behavioral Sciences Electives:**
- Anthropology: ANT 111, 202, 216, 240
- Economics: ECO 201, 202
- Geography: GEO 112
- History: HIS 103, 104, 201, 202
- Political Science: PSC 131, 211, 212, 213, 289
- Psychology: PSY 132, 200, 203, 262
- Sociology: SOC 133, 215, 263, 264

### IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

<table>
<thead>
<tr>
<th>Life Science Elective</th>
<th>Sem.</th>
<th>Grade</th>
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<tbody>
<tr>
<td>PHY 205 or Physical Science Elective</td>
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**IAI Life Science Electives:**
- Biology: BIO 100, 101, 105, 225
- Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
- Life Science: SCI 215

**IAI Physical Science Electives:**
- Chemistry: CHM 141, 151
- Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
- Physical Science: PHS 102, 103, 105, 107
- Physics: PHY 121, 155, 205

**MAJOR AND GENERAL ELECTIVE REQUIREMENTS**

(IAI GECC and major/elective credits must total a minimum of 62 hours for the degree. Students should select elective hours that will allow them to complete this 64 hour requirement.) Pre-requisite courses may be required before taking these electives. Consult with the Course Catalog and your advisor.

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<tr>
<th>ORI 100 (1)</th>
<th>MAT 201 (5)</th>
<th>MAT 202 (3) or MAT 205 (3) or Elective</th>
<th>EDC 202 (3)</th>
<th>EDC 203 (3)</th>
<th>EDC 208 (3) or Elective</th>
<th>One Year Foreign Language or Elective (8)</th>
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**ARTICULATION NOTES:**

Consult with the transfer institution to assess if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

**TEACHER EDUCATION PROGRAM:** To be considered for admission into a formal Teacher Education Program, qualifying scores on the TAP, ACT plus writing, or SAT must be submitted. Students must earn a grade of "C" or higher in all courses for an endorsement and required in the major. Students must also meet the minimum grade point average required for consideration into the TEP (typically a minimum of 2.5, but may be higher depending on the institution or program option selected). Helpful tips for applying to a Teacher Education Program may be found [here](#).

**IAI Mathematics Major Panel Recommendations include:** MAT 131 (MTH 901), 201 (MTH 902), 202 (MTH 903), 211 (MTH 911), 205 (MTH 912), PHY 205 (PHY 911) and CPS 206 (CS 911)

**SIUC TRANSFER INFORMATION:** For the B.S. degree in Mathematics Education under the College of Education and Human Resources, take EDC 202, 203, MAT 131, 201, 202 or 205, 221, CPS 176 or CPS 206.

**SIUE TRANSFER INFORMATION:** Take MAT 131 (MATH 150), MAT 201 (MATH 152), MAT202 (MATH 250), MAT 221 (MATH 321), PHY 205 (PHYS 151/151L), EDC 200 (CIED 100), EDC 203 (EFP 320), EDC 208 (SPE 2000).

**EIU TRANSFER INFORMATION:** Take MAT 131 (MATH 1441G, 201 (MAT 2442), 202 (MAT 2443), 221 (MAT2550), CPS 206 (CSM 2170), EDC 203 (EDF 2555G). Complete the second semester of a foreign language (SPN 202, GER 202, FRE 202) Note IPR 142 will also meet the requirement. Take an approved IAI Humanities/Fine Arts or Social Science course to meet a culturally diverse course requirement (select from HIS 103, 104, 213, LIT 284, 290, 295, PHL 200, 260, ANT 111, 202, 216, GEO 112, PSC 212, 213, SOC 133, 215 or 264).

**ISU TRANSFER INFORMATION:** Take MAT 131 (MATH 145), MAT 201 (MATH 146), MAT 202 (MATH 147), MAT 221 (MATH 175), PSY 132 (PSY 110), SPN 102 or GER 102 or FRE 102 (LAN 112 equivalent), EDC 208 (SED 101) and CPS 206 (IT 168).

Fulfill the AMALI degree requirement by selecting one course from the following: ANT 111, 216, GEO112, HIS 103, 104, 213, HUM 120, PHL 200, 260, PSC 120, 212 or 213.