

**MATHEMATICS (SECONDARY EDUCATION)
ASSOCIATE IN ARTS IN TEACHING
Pre-Baccalaureate Program Guide**

GENERAL EDUCATION (IAI GECC, 31-32 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.

Degree requirements have been revised for new students for the fall 2016 term. The degree requirements as listed do **not** complete IAI GECC core requirements. An additional 3 credits of approved Humanities or Fine Arts and 3 credits of Social Sciences are needed to complete the core. These additional courses may be taken as electives or upon transfer to the four year institution.

IAI Communications: (3 courses)

_____ ENG 101 or ENG 113 (C grade or higher)

_____ ENG 102 (C grade or higher)

_____ SPE 115 Speech

IAI Humanities and Fine Arts (2 courses)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

_____ Fine Arts Elective _____

_____ Humanities Elective _____

IAI Fine Arts Electives:

Art ART 111, 220, 221, 291

Literature LIT 275

Music MUS 105, 225

Theater..... THE 113

IAI Humanities Electives:

Foreign Language..... FRE 202, GER 202, SPN 202

History..... HIS 101, 102, 213

Literature..... LIT 211, 212, 231, 232, 235, 264, 280, 281, 284, 295

Philosophy..... PHL 111, 121, 131, 200, 260

IAI Mathematics (1 course)

_____ MAT 131

IAI Social and Behavioral Sciences (2 courses)

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

_____ PSY 132 or Social Science Elective _____

_____ HIS 103, 104 or Social Science Elective _____

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.

_____ Life Science Elective _____

_____ Physical Science Elective _____

IAI Life Science Electives:

Biology BIO 100, 101, 105, 225

Interdisciplinary PHS 101 with PHS 111, SCI 210A and SCI 210B

Physical Geography. GEO 215

Transfer Curriculum AAT 0105

Associate of Arts in Teaching: 64 Hours Minimum

Major Code: 1.1 131311N

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 64 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.**

_____ MAT 201 _____ MAT 221

_____ CPS 206 or Elective _____

_____ EDC 200 or Elective _____

_____ EDC 202 or Elective _____

_____ EDC 203 or Elective _____

_____ MAT 202, 205, or Elective _____

_____ CPS 111 or Elective _____

_____ Elective _____

_____ Elective _____

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.

IAI INFORMATION: This guide follows the guidelines established by the IAI Panel for the AAT in Secondary Mathematics. It is not designed to complete the IAI GECC requirements; they will be completed based on the recommendations at the 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:

https://www.ialc.edu/files/uploads/global/catalog/pdfs/tips_for_ed_majors.pdf

SIUC TRANSFER INFORMATION: EDC 202, 203, MAT 131, 201, 202, 221, CPS 111, and 206 are required. Two years of the same foreign language is also required (three years of the same foreign language in high school with grades of "C" or higher will satisfy the language requirement). BIO 110 is suggested for meeting the College of Science requirement in biology.

SIUE TRANSFER INFORMATION: PHY 205 and PHY 206 are required. PHL 121 is recommended for the IAI humanities course.

EIU TRANSFER INFORMATION: Two semesters of the same foreign language is required, however, two years of the same foreign language in high school will meet the requirement. MAT 205 and CPS 215 will satisfy the Option I and II Mathematics requirements.

ISU TRANSFER INFORMATION: Students should select one course from ANT 111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement for all majors.