



John A. Logan College

# Associate in Science Degree

## Toward a Bachelor's Degree in

### Physics

Transfer Curriculum 000AS0087  
Associate in Arts: 64 Hrs.  
Major Code: 1.1400801B  
Effective Date: Fall 2018

#### 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. 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)

	Sem.	Grade
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.

	Sem.	Grade
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 210, 230, 235, 264, 280, 281, 284, 295  
Philosophy: PHL 111, 121, 131, 200, 260

#### IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 131	_____	_____

#### IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURSES)

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

	Sem.	Grade
Social Science Elective	_____	_____
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 include a lab component.

	Sem.	Grade
BIO 101 or Life Science Elective	_____	_____
PHY 205	_____	_____

#### 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 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.**

	Sem.	Grade
PHY 206-Spring Only	_____	_____
MAT 201	_____	_____
MAT 202	_____	_____
MAT 205 or Elective	_____	_____
MAT 221 or Elective	_____	_____
CHM 151 or Elective	_____	_____
Foreign Language or Elective (8)	_____	_____

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

**IAI MAJOR INFORMATION:** PHY 205, 206, MAT 131, 201, 202, 205, and 221 are required as part of the IAI Major Panel. CHM 151 is also recommended.

**SIUC TRANSFER INFORMATION:** PHY 205, 206, CHM 151, MAT 131, 201, 202, 205, and 221 are required. BIO 101 and 102 will meet the biological science requirement for the College of Science. The six credit hour supportive skill requirement can be satisfied with two semesters of the same foreign language or taking ENG 113 or BUS 235 and CPS 176 or 206. IPP 141 and 142 may be used to satisfy the language requirement.

**SIUE TRANSFER INFORMATION:** CHM 151, CHM 152, CPS 206, 215, MAT 131, 201, MAT 202, MAT 205, PHY 205, and 206 are required.

**EIU TRANSFER INFORMATION:** CHM 151, CPS 206, MAT 131, 201, MAT 202, MAT 205, 221, PHY 201, 205, and 206 are required.

**ISU TRANSFER INFORMATION:** PHY 202, 205, 206, CHM 141, 142, MAT 131, 201, 202, 205, and 221 are required. PSY 132 is recommended. Two semesters of the same language are also required (three years of the same language in high school with a grade of "C" or higher will satisfy this requirement). IPP 141 and IPP 142 may be used to satisfy this requirement. Students should select one course from ANT 111, ANT 216, GEO 112, HIS103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement for all majors.