

# Associate in Science Degree

in

## Computer Science

Traditional Track

Transfer Curriculum 000AS 0087  
Associate in Science: 63 Hrs. Min.  
Major Code: 1.1 110701  
Effective Date: Fall 2023

### GENERAL EDUCATION (IAI GECC, 37 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)            | _____ | _____ |
| COM 115 Speech                         | _____ | _____ |

#### IAI HUMANITIES AND FINE ARTS (3 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             | _____ | _____ |
| PHL 121 or 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, 265

#### IAI MATHEMATICS (1 COURSE)

|             | Sem.  | Grade |
|-------------|-------|-------|
| MAT 131 (5) | _____ | _____ |

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

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

|  | Sem.  | Grade |
|--|-------|-------|
| ECO 201 (3) or Social Science Elective | _____ | _____ |
| ECO 202 (3) 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, 221, 250, 263, 264

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

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

|                                      | Sem.  | Grade |
|--------------------------------------|-------|-------|
| BIO 101 (4) or Life Science Elective | _____ | _____ |
| PHY 205 (5) – Spring Only            | _____ | _____ |

##### IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225  
Interdisciplinary: PHS 101 with PHS 111  
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 63 hours for the degree. Students should select elective hours that will allow them to complete this 63-hour requirement.) Pre-requisite courses may be required before taking these electives. Consult with your advisor.

#### Additional Associate in Science Requirements: (Courses should be applicable to desired major)

|  |       |       |
|--|-------|-------|
| PHY 206 (5) – Fall Only or Physical or Life Science Elective | _____ | _____ |
| MAT 201 (5) or MAT 125 (3) or MAT Elective                   | _____ | _____ |

|   | Sem.  | Grade |
|---|-------|-------|
| ORI 100 (1)   | _____ | _____ |
| CPS 206 (4) ( <b>spring semester course</b> )                           | _____ | _____ |
| CPS 202/MAT 125 (3) ( <b>fall semester odd num. years</b> ) or Elective | _____ | _____ |
| CPS 215 (4) ( <b>fall semester in even num. years</b> )                 | _____ | _____ |
| MAT 201 (5) or General Elective   | _____ | _____ |
| MAT 221 (3) ( <b>spring semester even num. years</b> ) or Elective      | _____ | _____ |
| CHM 151 (5) or General Elective   | _____ | _____ |
| CHM 152 (5) or General Elective   | _____ | _____ |

NOTE: Students beginning this program in even number years, fall semester, may take MAT 202 or MAT 205 as a substitution for CPS 215.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and timelines of this document.