

Associate in Science Degree in Biological Science

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 (9 HOURS)

| | 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 (6 HOURS)

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 (3) | _____ | _____ |
| PHL 121 (3) or Humanities Elective (3) | _____ | _____ |

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: 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 (3-5 HOURS)

| | Sem. | Grade |
|--|-------|-------|
| MAT 282 (3) or MAT 131 (5) or MAT Elective | _____ | _____ |

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 120, MAT 119, MAT 125/CPS 202,

MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (6 HOURS)

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

| | Sem. | Grade |
|---|-------|-------|
| ECO 201 or Social Science Elective (3) | _____ | _____ |
| PSC 212 or GEO 112 or Social Science Elective (3) | _____ | _____ |

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

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 Degree Requirements

(Courses should be applicable to the desired major)

| | Sem. | Grade |
|--|-------|-------|
| BIO 102 (4) | _____ | _____ |
| MAT 282 (3) or MAT Elective | _____ | _____ |
| | Sem. | Grade |
| ORI 100 (1) or SCI 100 (1) | _____ | _____ |
| CHM 152 (5) | _____ | _____ |
| CHM 201 (5) or General Elective | _____ | _____ |
| CHM 202 (5) or General Elective | _____ | _____ |
| PHY 155 (5) or General Elective | _____ | _____ |
| PHY 156 (5) or General Elective | _____ | _____ |
| Foreign Language Elective or General Electives (8) | _____ | _____ |

Biological Sciences program

When reference is made to Biology or Biological Sciences, a general degree program may be appropriate, or a more specialized biology track may best fit one's career interests. Plant Biology or Botany, Zoology, Biomedical Sciences (Pre-professional track for medicine, dentistry, podiatry, chiropractic), ecology and genetics are a few that are viewed as biology degree programs.

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.

IAI PHYSICAL/LIFE SCIENCES (7-8 HOURS)

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

| | Sem. | Grade |
|--|-------|-------|
| BIO 101 (4) or Life Science Elective | _____ | _____ |
| CHM 151 (5) or Physical Science Elective | _____ | _____ |

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