GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)
The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. 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 HOURS)

- ENG 101 or ENG 113 (C grade or higher)
- ENG 102 (C grade or higher)
- COM 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 (3)
- 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: FRE 202, GER 202, SPN 202
- History: HIS 101, 102, 213
- Literature: LIT 210, 230, 264, 280, 281, 284, 295
- Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

- MAT 131 (5)

IAI SOCIAL AND BEHAVIORAL SCIENCES (6 HOURS)
At least two different disciplines (course prefixes) must be represented.

- Social Science Elective (3)
- 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, 223
- Political Science: PSC 131, 211, 212, 289
- Psychology: PSY 132, 200, 203, 262
- Sociology: SOC 133, 220, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCE (2 COURSES)
One course must be at least 4 credit hours and include a lab component.

Additional Associate in Science Degree Requirements
- MAT 201 (5)
- PHY 206 (5) Fall only

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.

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.

SIUE TRANSFER INFORMATION
SIUE offers a B.S. degree in Physics with four specializations (Traditional Physics, Biomedical Physics, Computational Physics and Materials and Nanophysics)
For the Traditional Specialization, take CHM 151 (CHEM 200/201), MAT 131 (MATH 150), MAT 221 (MATH 221), MAT 201 (MATH 250) and MAT 202 (MATH 305). Take PHY 205 (PHYS 205A) and PHY 206 (PHYS 255B)
Take CPS 202 (CS 215) and CPS 215 (CS 220) as physics elective credit.
The College of Science Academic Requirements not already covered include: Biological Science, select one from BIO 100, 101, 102, 105, 205, 206 or 225. Supportive Skills, select ENG 113 (with ENG 10/102. ENG 113 substitutes for ENG 291 OR MAT 120 or 129 for MATH 282 OR a semester or two of a foreign language (FRE 101/102, GER 101/102 or SPN 101/102)

ISU TRANSFER INFORMATION
ISU offers a B.S. degree in Physics.
Take MAT 131(MATH 150), MAT 201 (MATH 152), MAT 202 (MATH 250), MAT 205 (MATH 305) and MAT 221 (MATH 321).
Take COM 115 (ACS 101), PHL 121 (RA 101), PHY 205 (PHYS 151/151L), PHY 206 (PHYS 152/152L)
CHEM 131, 135, PHYS 201/201L and CS 145 are also required but currently a JALC equivalent if not available.
ISU offers a B.B. degree in Physics
Take PHY 205 (PHY 110), PHY 206 (PHY 111), PHY 202 (PHY 220),
MAT 131 (MAT 145), MAT 201 (MAT 146), MAT 202 (MAT 147) and
MAT 221 (MAT 175). Take FRE 101/102 or GER 101/102 or SPN 101/102
to satisfy the LAN 111/112 requirement. Note: ASL/IPP 141/142 will also
satisfy this LAN requirement. Take CHM 151(CHE 140) and SHM 152 (CHE 141).
The SMT course is satisfy by coursework already mentioned. To meet the
AMALI requirement, take one of the following (ANT 111, 216, GEO112,
HIS 103, 104, 213, HUM 120; PHL 200,260, PSC 120, 212 or 213).

EIU TRANSFER INFORMATION
EIU offers a B.S. degree in Physics. Options are also available in Astronomy,
Computational Physics and Engineering Physics
For the general Physics program, take ENG 101/102 (ENG 1001G/1002G),
COM 115 (CMN 1310G), PHY 205 (PHY 1351G/1352G), PHY 206 (PHY 1361/1362),
CHM 151 (CHM 1310G/1315G), CHM 152 (CHM 1410/1415),
MAT 131 (MAT 1441G, MAT 201 (MAT 2442) and MAT 202 (MAT 2443).
Take two semesters of a single World Language (FRE 101/102 as
WLF 1101/1102 or GER 101/102 as WLG 1101/1102 or SPN 101/102 as
WLS 1101/1102). Within the IAI course selection, one course from either
Humanities/Fine Arts or Social/Behavioral Sciences must be culturally
diverse (UT 284, 295, ANT 102, SOC 215 or 221)

UIUC TRANSFER INFORMATION
UIUC offers a B.S. degree in Physics. Effective Fall 2019, transfer applicants
must demonstrate subject mastery by earning a minimum of a “B” grade in
all required courses.
Take CHM 151 (CHEM 102/103), MAT 131 (MATH 220), MAT 201 (MATH 231),
MAT 202 (MATH 241- a UIUC bridge course -MATH 292 must also be
completed). (note: the calculus sequence should be completed prior to transfer).
Take PHY 205 (PHYS 211) and PHY 206 (PHYS 212). Take CPS 206 (CS 101).
The College of Liberal Arts and Sciences requires the completion through the
fourth level of a single foreign language (FRE 101/102/ 201/ 202 for
FR 101/102/103/104 or GER 101/102/201/202 for GER 101/102/103/104
or SPN 101/102/201/202 for SPAN 101/102/130/ UF4-2)

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