

IAI Life Science Electives: Biology: BIO 100, 101, 105, 225

Physics: PHY 121, 155, 205

Physical Science: PHS 102,103,105,107

Life Science: SCI 215

IAI Physical Science Electives:
Chemistry: CHM 141, 151

Interdisciplinary: SCI 101 and SCI 111, SCI 210A and SCI 210B

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

Associate in Science Degree in

Chemistry Education

Transfer Curriculum 000AS 0087 Associate in Science: 63 Hrs. Min. Major Code: 1.1 131323 Effective Date: Fall 2025

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.

taken as electives or upon transfer to the four-year 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 (2 COURSES)		
At least one course must be an IAI Fine Arts elective	e and or	ne course must he an
IAI Humanities elective.	re and or	ie course must be un
na riamamaes elective.	Sem.	Grade
Fine Arts Elective	00	o.uuc
PHL 121		
IAI Fine Arts Electives:		
Art: ART 111, 220, 221, 291		
Literature: LIT 275		
Music: MUS 105, 225 Theater: THE 113		
meater. 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, 265		
IAI MATHEMATICS (1 COURSE)		
	Sem.	Grade
		Grade
MAT 131		
MAT 131 IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11		
IAI Mathematics Electives:	 .9, MAT 1	
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MA	.9, MAT 1 AT 282	
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MAT IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURS	.9, MAT 1 AT 282 SES)	 .20, MAT 125/CPS
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MA	.9, MAT 1 AT 282 SES) must be	.20, MAT 125/CPS
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MAT IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURS At least two different disciplines (course prefixes)	.9, MAT 1 AT 282 SES)	.20, MAT 125/CPS
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MAT IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURS At least two different disciplines (course prefixes) PSY 132	.9, MAT 1 AT 282 SES) must be	.20, MAT 125/CPS
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MAT IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURS At least two different disciplines (course prefixes)	.9, MAT 1 AT 282 SES) must be	.20, MAT 125/CPS
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MAT IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURS At least two different disciplines (course prefixes) PSY 132	.9, MAT 1 AT 282 SES) must be	.20, MAT 125/CPS
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MA IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURS At least two different disciplines (course prefixes) PSY 132 Social Science Elective	.9, MAT 1 AT 282 SES) must be	.20, MAT 125/CPS
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MA IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURS At least two different disciplines (course prefixes) PSY 132 Social Science Elective IAI Social and Behavioral Sciences Electives:	.9, MAT 1 AT 282 SES) must be	.20, MAT 125/CPS
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MA IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURS At least two different disciplines (course prefixes) PSY 132 Social Science Elective IAI Social and Behavioral Sciences Electives: Anthropology: ANT 111, 202, 216, 240 Economics: ECO 201, 202 Geography: GEO 112	.9, MAT 1 AT 282 SES) must be	.20, MAT 125/CPS
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MA IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURS At least two different disciplines (course prefixes) PSY 132 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, 223	.9, MAT 1 AT 282 SES) must be	.20, MAT 125/CPS
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MA IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURS At least two different disciplines (course prefixes) PSY 132 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, 223 Political Science: PSC 131, 211, 212, 289	.9, MAT 1 AT 282 SES) must be	.20, MAT 125/CPS
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MA IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURS At least two different disciplines (course prefixes) PSY 132 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, 223 Political Science: PSC 131, 211, 212, 289 Psychology: PSY 132, 200, 203, 262	.9, MAT 1 AT 282 SES) must be	.20, MAT 125/CPS
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MA IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURS At least two different disciplines (course prefixes) PSY 132 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, 223 Political Science: PSC 131, 211, 212, 289	.9, MAT 1 AT 282 SES) must be	.20, MAT 125/CPS
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MA IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURS At least two different disciplines (course prefixes) PSY 132 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, 223 Political Science: PSC 131, 211, 212, 289 Psychology: PSY 132, 200, 203, 262 Sociology: SOC 133, 220, 221, 250, 263, 264	.9, MAT 1 AT 282 SES) must be	.20, MAT 125/CPS
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MA IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURS At least two different disciplines (course prefixes) PSY 132 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, 223 Political Science: PSC 131, 211, 212, 289 Psychology: PSY 132, 200, 203, 262 Sociology: SOC 133, 220, 221, 250, 263, 264 IAI PHYSICAL/LIFE SCIENCES (2 COURSES)	9, MAT 1 AT 282 iES) must be Sem.	represented. Grade
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MA IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURS At least two different disciplines (course prefixes) PSY 132 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, 223 Political Science: PSC 131, 211, 212, 289 Psychology: PSY 132, 200, 203, 262 Sociology: SOC 133, 220, 221, 250, 263, 264	9, MAT 1 AT 282 iES) must be Sem.	represented. Grade
IAI Mathematics Electives: MAT 112, MAT 113, MAT 116, MAT 117, MAT 11 202, MAT 131, MAT 201, MAT 202, MAT 209, MA IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURS At least two different disciplines (course prefixes) PSY 132 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, 223 Political Science: PSC 131, 211, 212, 289 Psychology: PSY 132, 200, 203, 262 Sociology: SOC 133, 220, 221, 250, 263, 264 IAI PHYSICAL/LIFE SCIENCES (2 COURSES)	9, MAT 1 AT 282 iES) must be Sem.	represented. Grade ———

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)

MAT 201 (1 course)	Sem.	Grade
BIO 102 (1 course)		
Sem. ORI 100 (1) or SCI 100 CHM 152 CHM 201 MAT 120 or MAT 282 EDC 202 EDC 203	Grade	
GENERAL ELECTIVES: Electives may include all cour following prefixes, as well as specific courses listed		the
AFS, AMS, ANT, ART, BIO, CHM, COM, CPS, EDC, ECGER, HIS, HTH, HUM, INT, LIT, MAT, MUS, PED*, PEPHY, PSC, PSY, REC, SCI, SOC, SOCW, SPM, SPN, TH	DE, PHL, P	HS,
ACC	, 120, 125 [,]	
*No more than four (4) credit hours of PED courses as general electives. **Fall only, odd numbered years ***Spring only, even numbered years †Fall Only ††Spring only ††Summer only	s may be u	sed

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.