



John A. Logan College

# Associate in Arts in Agriculture-Crop Science and Soil Science

Transfer Curriculum 000AA0086  
Minimum Hours: 62  
Major Code: 1.1 011201  
Effective Date: Fall 2019

## GENERAL EDUCATION (IAI GECC, 37-38 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.

### IAI COMMUNICATION (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 (9 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	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts 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 211, 212, 231, 232, 235, 264, 280, 281, 284, 295

Philosophy: PHL 111, 121, 131, 200, 260

### IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 117 (4) or MAT 131 (5) or MAT 119 or MAT 120 (3) or MAT 282 (3) or MAT 116 (3)	_____	_____

### IAI SOCIAL AND BEHAVIORAL SCIENCES (9 HOURS)

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

	Sem.	Grade
Social Science Elective (3)	_____	_____
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

Political Science: PSC 131, 211, 212, 213, 289

Psychology: PSY 132, 200, 203, 262

Sociology: SOC 133, 215, 263, 264

### IAI PHYSICAL/LIFE SCIENCES (7-8 HOURS)

One course must include a lab component.

	Sem.	Grade
BIO 102 (4) or Life science Elective	_____	_____
CHM 151 (5)	_____	_____

#### 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

## NOTES AND INFORMATION

### MAJOR AND GENERAL ELECTIVE REQUIREMENTS

(IAI GECC and major/elective credits must total a minimum of 62 hours for the degree.)

Select courses on this guide in accordance with the Articulation Notes.

Students planning to transfer to other four year institutions should follow the recommendations outlined in that colleges course catalog. Course equivalencies may be found on that college website or on the Transferology website at [www.itransfer.org](http://www.itransfer.org)

	Sem.	Grade
ORI 100 (1)	_____	_____
AGR 102 (4)	_____	_____
AGR 104 (3)	_____	_____
AGR 112 (3)	_____	_____
CHM 152(5) or General Elective	_____	_____
AGR Elective	_____	_____
AGR Elective	_____	_____
AGR Elective	_____	_____
General Elective	_____	_____

**ARTICULATION NOTES:** Consult your academic advisor and/or transfer institution to assess if any courses required for your major require a grade of C or higher and if there is a minimum grade point average needed for admission consideration into your major.

#### IAI Agriculture Major Panel:

Take AGR 102 (IAI AG 903), AGR 104 (IAI AG 904), AGR 112 (IAI AG 913), CHM 152 (IAI CHM 912), BIO 102 (IAI BIO 910-second course in sequence). In addition, select one mathematics course from MAT 117 or 131, MAT 120 or 282, or MAT 116. Depending on the transfer institution and with academic advisor assistance, select additional AGR courses from AGR101 (IAI AG 901), AGR 121 (IAI AG 902), AGR 103 (IAI AG 905) and AGR 122 (IAI AG 906).

**SIUC:** Under Crop, Soil and Environmental Management, SIUC offers Crop Production and Management (General Option), Crop Production and Management (Science option), Soil Science (Science Option) and Soil Science (General Option) (NOTE: SIUC will accept applicable/articulated credits beyond the Associate degree and up to 78 credits)

#### \*For Crop Production and Management (General Option)

Take MAT 108 (MATH 108). An approved substitute for MAT 108 is MAT 117 (MATH 140) or MAT 131 (MATH 150). Take CHM 141 (CHEM 140A). An approved substitute for CHEM 140A is CHM 151 (CHEM 200 and 201). Take AGR 104 (CSEM240). Take CHM 142 (CHEM 140B). CHM 152 (CHEM 210/211) is the approved substitute. Take AGR 102 (CSEM 200) and AGR 112 (AGSE 318). Select Agricultural Science Electives (10 credits) from AGR 101 (ABE 204), AGR 103 (HORT 220), HTH 100 (HND 101) AGR 122 (AGSE 170)

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#### For Crop Production and Management (Science Option)

Take MAT 108 (MATH 108). MAT 117 (MATH 140) or MAT 131 (MATH 150) are approved substitutes. Take CHM 151 (CHEM 200/201), CHM 152 (CHEM 210/211) and CHM 201 (CHEM 340/341). Take AGR 104 (CSEM 240). Take AGR 102 (CSEM 200). Take MAT 109 (MATH 109) and MAT 117 (MATH 140), PHY 155/156 (PHYS 203A/203B).

#### \*For Soil Science (Science Option)

Take CHM 151 (CHEM 200/201), CHM 152 (CHEM210/211), CHM 201 (CHEM 340/341), MAT 109 (MATH 109) and MAT 117 (MATH 140). MAT 131 (MATH 150) is an approved substitute for MAT 140. Take PHY 155/156 (PHYS 203A/203B). Take AGR 104 (CSEM 240) and AGR 102 (CSEM 200).

**For Soil Science (General Option)**

Take MAT 108 (MATH 108). MAT 109 (MATH 109), MAT 117 (MATH 140) or MAT 131 (MATH 150) are approved substitutes. Take AGR 104 (CSEM 240), AGR 102 (CSEM 200). Take AGR 112 (AGSE 318) AGR 101 (ABE 204), AGR 103 (HORT 220) and HTH 100 (HND 100) as Agricultural Science Elective. Take CHM 141 (CHEM 140A) and CHM 142 (CHEM 140B). CHM 151/152 (CHEM 200/201 and CHEM 210/211) are approved substitute for CHM 141/142.

**ISU:** Under the Agriculture major, ISU offers a Crop and Soil Science sequence. Take AGR 101 (AGR 110), AGR 103 (AGR 120), AGR 102 (AGR 150), AGR 104 (AGR 157), CHM 141/142 or CHM 151/152 (CHE 140/141), PHY 121 (PHY 105) and MAT 116 (MAT 120) or MAT 111 (MAT 144) or MAT 131 (MAT 145). Take one of the following courses to meet the AMALI graduation requirement (ANT 111, 216, GEO 112, HIS 213, HUM 120, PHL 200 or 260) Take one of the following to meet the BS SMT graduation requirement (ANT 240, BIO 105, 226, 240, 275, BUS 121, CHM 142, 152, 201, CPS 202, MAT 117, 120, 125, 201, 202, 282, PHS 107, PHY 156 or 206).

**UIUC:** Offers Crop Sciences major with concentration in Crops  
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Take CHM 151 (CHEM 102/103), CHM 152 (CHEM 104/105), MAT 131 ((MATH 220) or MAT 117 (MATH 234), CHM 201 and CHM 202 (CHEM 232/233), SPE 115 (CMN 101), AGR 102 (CPSC 112), BIO 226 (MCB 100/101), AGR 104 (NRES 201), ENG 101/102 (RHET 105) and FRE 201 or GER 201 or SPN 201 (third level of a language is required to graduate from the College of Agricultural, Consumer and Environmental Sciences-ACES).

**WIU:** Under the Agriculture major, WIU offer a minor in Agronomy.  
Take AGR 102 (AGRN 176) and AGR 104 (AGRN 278)

*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.*