

Transfer to Purdue University – [Department of Agronomy](#)
[Crop Science Major](#), [Plant Genetics, Breeding, and Biotechnology Major](#),
[Soil and Water Sciences Major](#)

TOTAL TRANSFER CREDITS: 63-67 (see below)

Ivy Tech Community College
Agriculture, AS

https://catalog.ivytech.edu/preview_program.php?catoid=9&poid=7898&returnto=1009

Semester I

MATH STEM Numerical Reasoning Elective CREDIT HOURS: 3

MATH 136 = MA 15300 3 cr

Note: MATH 136 + 137 = MA 15800 3 cr & MA 1XTRA 3 cr

BIOL 121 - General Biology I CREDIT HOURS MIN: 4

BIOL 121 = BIOL 11000 4 cr

ENGL 111 - English Composition CREDIT HOURS MIN: 3

ENGL 111 = ENGL 1XUWC 3 cr

AGRI Core Course CREDIT HOURS: 3

AGRI 110 = AGECE 20300 3 cr (Required)

AGRI 111 = AGRY 10500 3 cr

AGRI 113 = ANSC 10200 3 cr

AGRI 114 = ASM 1XUND 3 cr

AGRI Core Course CREDIT HOURS: 3

AGRI 110 = AGECE 20300 3 cr

AGRI 111 = AGRY 10500 3 cr (Required)

AGRI 113 = ANSC 10200 3 cr

AGRI 114 = ASM 1XUND 3 cr

IVYT 111 - Student Success in University Transfer CREDIT HOURS MIN: 1

IVYT 111 = UND 1XTRF 1 cr

Approved for AGR 10100 & AGR 11300 1 cr

Total = 17 Credits

Semester II

MATH STEM Numerical Reasoning Elective CREDIT HOURS: 3

MATH 201 = MA 16010 3 cr (Required)

BIOL 122 - General Biology II CREDIT HOURS MIN: 4

OR Transfer Cluster Course CREDIT HOURS: 3

BIOL 122 = BIOL 11100 4 cr (Recommended)

OR (Insert Ivy Tech transfer course to Purdue)

If needed, see [Purdue Ag Core - Transfer spreadsheet](#) or [complete list of Ivy Tech transfer courses to Purdue](#)

COMM 101 - Fundamentals of Public Speaking CREDIT HOURS MIN: 3

COMM 101 = COM 11400 3 cr

AGRI Core Course CREDIT HOURS: 3

AGRI 110 = AGEC 20300 3 cr

AGRI 111 = AGRY 10500 3 cr

AGRI 112 = HORT 10100 3 cr

AGRI 113 = ANSC 10200 3 cr

AGRI 201 = AGR 20100 3 cr (Recommended)

Transfer Cluster Course CREDIT HOURS: 3

PHYS 101 = PHYS 22000 4 cr (Recommended)

OR (Insert Ivy Tech transfer course to Purdue)

If needed, see [Purdue Ag Core - Transfer spreadsheet](#) or [complete list of Ivy Tech transfer courses to Purdue](#)

Total = 17 Credits

Semester III

MATH 200 - Statistics CREDIT HOURS MIN: 3

OR Transfer Cluster Course CREDIT HOURS: 3

MATH 200 = STAT 30100 3 cr (Required)

If needed, see [Purdue Ag Core - Transfer spreadsheet](#) or [complete list of Ivy Tech transfer courses to Purdue](#)

CHEM 101 - Introductory Chemistry I CREDIT HOURS MIN: 3

OR CHEM 105 - General Chemistry I CREDIT HOURS MIN: 5

CHEM 101 = CHM 11100 3 cr (Recommended for Crop Science, Soil and Water Sciences Major)

OR CHEM 105 = CHM 11500 4 cr & 1XTRA 1 cr (Required for Plant Genetics, Breeding, and Biotechnology Major)

Transfer Cluster Course CREDIT HOURS: 3

ANTH 154 = ANTH 10000 3 cr (Recommended)

OR (Insert Ivy Tech transfer course to Purdue)

If needed, see [Purdue Ag Core - Transfer spreadsheet](#) or [complete list of Ivy Tech transfer courses to Purdue](#)

AGRI Core Course - 16 Weeks CREDIT HOURS: 3

AGRI 201 = AGR 20100 3 cr

AGRI 205 = ANSC 22100 3 cr or AGRI 210 = AGEC 33000 3 cr (Recommended)

Transfer Cluster Course CREDIT HOURS: 3

PHYS 102 = PHYS 22100 4 cr (Recommended)

OR (Insert Ivy Tech transfer course to Purdue)

If needed, see [Purdue Ag Core - Transfer spreadsheet](#) or [complete list of Ivy Tech transfer courses to Purdue](#)

Total = 16-18 Credits

Semester IV

CHEM 102 - Introductory Chemistry II CREDIT HOURS MIN: 3

OR CHEM 106 - General Chemistry II CREDIT HOURS MIN: 5

CHEM 102 = CHM 11200 3 cr (Recommended for Crop Science, Soil and Water Sciences Major)

OR CHEM 106 = CHM 11600 4 cr & 1XTRA 1 cr (Required for Plant Genetics, Breeding, and Biotechnology Major)

Humanistic and Artistic Ways of Knowing Elective CREDIT HOURS: 3

PHIL 101 = PHIL 11000 3 cr (Recommended)

OR (Insert Ivy Tech H&AWK Elective transfer course to Purdue)

If needed, see [Purdue Ag Core - Transfer spreadsheet](#)

Transfer Cluster Course CREDIT HOURS: 3

MATH 202 = MA 16020 3 cr (Recommended)

OR (Insert Ivy Tech transfer course to Purdue)

If needed, see [Purdue Ag Core - Transfer spreadsheet](#) or [complete list of Ivy Tech transfer courses to Purdue](#)

AGRI Core Course - 16 Weeks CREDIT HOURS: 3

AGRI 201 = AGR 20100 3 cr

AGRI 205 = ANSC 22100 3 cr or AGRI 210 = AGECE 33000 3 cr (Recommended)

AGRI 290 - Agriculture Seminar CREDIT HOURS MIN: 1

AGRI 290 = AGR 2XTFR 1 cr

Total = 13-15 Credits

Agriculture, Associate of Science - AS, 60 Credit Hours

Ivy Tech Course Descriptions & Prerequisites

<https://catalog.ivytech.edu/content.php?catoid=9&navoid=1014>

Note: The exact sequence of courses listed above (classes to take semester-by-semester) may vary. Students should consult with an advisor each semester before scheduling classes.

Transfer to Purdue University – Soil and Water Sciences Major

https://catalog.purdue.edu/preview_program.php?catoid=17&poid=29682&returnto=22203

RECOMMENDED PLAN OF STUDY

Agronomy Contact:

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Courses to be Taken at Purdue

SOIL AND WATER SCIENCES

Summer Semester		Cr. Hrs.
Total		

Semester 1		Cr. Hrs.
AGRY 12500		3
AGRY 25500		3
AGRY 39800		1
EAPS 11100		3
ENGR or SCI Selective		3
SS or HUM		3
Total		16

Semester 2		Cr. Hrs.
AGRY 33500		3
CHM 25700		4
CHM 25701		1
Ecology Selective		3
300 Level SS or HUM		3
Total		14

Semester 3		Cr. Hrs.
AGRY 45000 or 38500		3 to 4
AGRY 49800		1
AGRY 56000		3
AGRY 56500		3
Elective		3
Total		13-14

Semester 4		Cr. Hrs.
AGRY 33700		3
AGRY 36500		3
AGRY 58500		3
AGRY 32000 or 52500 or BCHM 3		3
Elective		2
Total		14

Summer Semester		Cr. Hrs.
Total		

Notes:

Purdue requires 32 credit hours at Purdue taken at the 300 level or higher.
120 total credits required.