Transfer to Purdue University – Department of Agronomy
Digital Agronomy Major

TOTAL TRANSFER CREDITS: 63 (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 = AGEC 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 = AGEC 20300 3 cr*
> *AGRI 111 = AGRY 10500 3 cr*
> *AGRI 113 = ANSC 10200 3 cr*
> *AGRI 114 = ASM 1XUND 3 cr (Recommended)*

IVYT 111 - Student Success in University Transfer CREDIT HOURS MIN: 1
> *IVYT 111 = UND 1XTFR 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 (Required)*
>
>*AGRI 112 = HORT 10100 3 cr*
>
>*AGRI 113 = ANSC 10200 3 cr*

==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 (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*

==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)*
>
>*OR CHEM 105 = CHM 11500 4 cr & 1XTRA 1 cr*

==Social and Behavioral Ways of Knowing Elective CREDIT HOURS: 3==

>*ANTH 154 = ANTH 10000 3 cr (Recommended)*
>
>*Approved for CoA Core – HUM/SS & INTL*
>
>*OR (Insert Ivy Tech S&BWK Elective transfer course to Purdue)*
>
>*If needed, see Purdue Ag Core - Transfer spreadsheet*

==AGRI Core Course - 16 Weeks CREDIT HOURS: 3==

>*AGRI 201 = AGR 20100 3 cr (Recommended)*
>
>*AGRI 205 = ANSC 22100 3 cr*
>
>*AGRI 210 = AGEC 33000 3 cr*

==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 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)*
>   *OR CHEM 106 = CHM 11600 4 cr & 1XTRA 1 cr*

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*

Social and Behavioral Ways of Knowing Elective CREDIT HOURS: 3
>   *POLS 211 = POL 13000 3 cr OR HIST 112 = HIST 10400 3 cr (Recommended)*
>   *OR (Insert Ivy Tech S&BWK Elective transfer course to Purdue)*
>   *If needed, see Purdue Ag Core - Transfer spreadsheet*

AGRI Core Course - 16 Weeks CREDIT HOURS: 3
>   *AGRI 201 = AGR 20100 3 cr*
>   *AGRI 205 = ANSC 22100 3 cr*
>   *AGRI 210 = AGEC 33000 3 cr (Recommended)*

AGRI 290 - Agriculture Seminar CREDIT HOURS MIN: 1
>   *AGRI 290 = AGR 2XTFR 1 cr*

Total = 13 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 – Digital Agronomy Major

https://catalog.purdue.edu/preview_program.php?catoid=17&poid=31769&returnto=22203

RECOMMENDED PLAN OF STUDY

Agronomy Contact:
Jane Wiercioch, jwiercioch@purdue.edu, agronomy@purdue.edu

Courses to be Taken at Purdue

DIGITAL AGRONOMY

Summer Semester	Cr. Hrs.
Total	

Semester 1	Cr. Hrs.		Semester 2	Cr. Hrs.
AGRY 12500	3		AGRY 36500	3
AGRY 25500	3		Adv. Crop Sci Selective	3
AGRY 37500 or HORT 31800	3		Data Mgmt Selective	3
AGRY 39800	1		ILS 23000 or PHIL 20800	3
ASM 54000 or ILS 25000	3		300 Level SS or HUM	3
Bioinfor or Biotech Selective	3			
Total	16		Total	15

Semester 3	Cr. Hrs.		Semester 4	Cr. Hrs.
AGRY 39900	1		AGRY 33500	3
AGRY 42000	3		Adv. Soil Sci Selective	3
AGRY 48500	3		Adv. Crop Sci Selective	3
AGRY 49800	1		Data Literacy Selective	3
AGRY 54500 or FNR 35700	3		GIS Selective	3
ASM 42200	3			
Adv. Soil Sci Selective	3			
Total	17		Total	15

Summer Semester	Cr. Hrs.
Total	

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