

Transfer to Purdue University – [Department of Horticulture and Landscape Architecture](#)

[Horticulture Major](#): Concentration in Plant Science

**TOTAL TRANSFER CREDITS: 62 (see below)**

Ivy Tech Community College

Agriculture, AS

[https://catalog.ivytech.edu/preview\\_program.php?catoid=9&poid=7898&returnto=1009](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*

*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 (Any Recommended)**

*AGRI 111 = AGRY 10500 3 cr*

*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 1XTFR 1 cr*

*Approved for AGR 10100 & AGR 12000 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 any Ivy Tech course that transfers 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 (Required)**  
**AGRI 113 = ANSC 10200 3 cr**

**Transfer Cluster Course CREDIT HOURS: 3**

*(Insert any CoA Core – HUM/SS course that transfers to Purdue)*  
*If needed, see [Purdue Ag Core - Transfer spreadsheet](#) or [complete list of Ivy Tech transfer courses to Purdue](#)*

**Total = 16 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 (Required)**  
**AGRI 205 = ANSC 22100 3 cr**  
**AGRI 210 = AGEC 33000 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 = 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)*

*Approved for UCC – HUM & CoA Core – INTL*

*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)*

*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 205 = ANSC 22100 3 cr OR AGRI 210 = AGECE 33000 3 cr (Either 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.

**Plant Science Concentration**

[https://catalog.purdue.edu/preview\\_program.php?catoid=17&poid=29713&returnto=22203](https://catalog.purdue.edu/preview_program.php?catoid=17&poid=29713&returnto=22203)

**RECOMMENDED PLAN OF STUDY**

**Horticulture & Landscape Architecture Contact:**

Gloribel Rosales-Burdin, grosale@purdue.edu, hlacareers@purdue.edu

**Courses to be Taken at Purdue**

**PLANT SCIENCE**

Summer Semester	Cr. Hrs.
<b>Total</b>	

Semester 1	Cr. Hrs.
CHM 257	4
CHM 25701 (lab)	1
BTNY 262	3
HORT 121	1
HORT 318	3
HORT 513	1
<b>Total</b>	<b>13</b>

Semester 2	Cr. Hrs.
HORT 201	3
HORT 301	4
HORT 110	1
BTNY 302	3
Plant Science Conc	3
Plant Science Conc	3
<b>Total</b>	<b>17</b>

Semester 3	Cr. Hrs.
AGRY 255	3
BTNY 301	3
BTNY 305	3
HORT 491 (Research)	1
HUM 300+	3
Plant Science Conc	3
<b>Total</b>	<b>16</b>

Semester 4	Cr. Hrs.
Plant Science Conc	3
BCHM 307	3
AGRY 320	3
AGRY 321	1
HORT 427	1
HORT 491 Select	3
<b>Total</b>	<b>14</b>

Summer Semester	Cr. Hrs.
<b>Total</b>	

**Notes:**

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