

Transfer to Purdue University – [Department of Animal Sciences](#)

[Animal Sciences Major](#): Concentration in Biosciences

TOTAL TRANSFER CREDITS: 62 (see below)

Ivy Tech Community College

Agriculture, AS

https://catalog.ivytech.edu/preview_program.php?catoid=9&pooid=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

AGRI 113 = ANSC 10200 3 cr (Required)

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 11400 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 (Required)

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 = AGECE 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

ENGL 222 or 223 = ENGL 35000 or 35100 3 cr (Recommended)

Approved for UCC – HUM or CoA Core – HUM/SS 30000+ level

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 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 105 = CHM 11500 4 cr & 1XTRA 1 cr (Required)

[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

AGRI 205 = ANSC 22100 3 cr (Required)

AGRI 210 = AGECE 33000 3 cr

Total = 14 Credits

Semester IV

CHEM 102 - Introductory Chemistry II CREDIT HOURS MIN: 3

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

CHEM 106 = CHM 11600 4 cr & 1XTRA 1 cr (Required)

[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 201 = AGR 20100 3 cr

AGRI 205 = ANSC 22100 3 cr

AGRI 210 = AGECE 33000 3 cr (Recommended)

AGRI 290 - Agriculture Seminar CREDIT HOURS MIN: 1

AGRI 290 = AGR 2XTFR 1 cr

Total = 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.

Biosciences Concentration

https://catalog.purdue.edu/preview_program.php?catoid=17&poid=29687&returnto=22203

RECOMMENDED PLAN OF STUDY			
Animal Sciences Contact:			
Ashley York, ashleyyork@purdue.edu, ansc4you@purdue.edu			
Courses to be Taken at Purdue			
BIOSCIENCES			
Summer Semester		Cr. Hrs.	
Total			
Semester 1		Cr. Hrs.	
ANSC 121		2	
ANSC 230		4	
CHM 257		4	
ANSC 255		3	
		3	
Total		13	
Semester 2		Cr. Hrs.	
ANSC 240		3	
BCHM 307		3	
BCHM 309		1	
ANSC 333		3	
Science Selective		3	
Total		13	
Semester 3		Cr. Hrs.	
ANSC 481		1	
ANSC Restricted		6	
Science Selective		3	
ANSC 311		4	
ANSC Restricted		2	
Total		16	
Semester 4		Cr. Hrs.	
ANSC Restricted		2	
Science Selectives		6	
ANSC MGMT		3	
Electives		5	
Total		16	
Summer Semester		Cr. Hrs.	
Total			
Notes:			
Purdue requires 32 credit hours at Purdue taken at the 300 level or higher.			
120 total credits required.			