

# AGRICULTURAL SCIENCES (OSU TRANSFER) EMPHASIS - ASSOCIATE OF SCIENCE (AS)

## Description

The Agricultural Sciences (OSU Transfer) Emphasis Associate of Science fulfills many of the lower-division requirements of the Bachelor of Science in Agricultural Sciences at Oregon State University. Course requirements for other agricultural majors at OSU and other universities will differ. Students are strongly encouraged to check current degree requirements for changes.

## Statewide General Education Student Learning Outcomes

Please see the [General Education](#) page for statewide general education student learning outcomes.

## Entrance Requirements

While this degree has no formal entrance requirement, individual courses may have prerequisites which must be met before enrollment.

## Course Requirements

Course	Title	Credits
<b>Baccalaureate Core</b>		
<b>Skills</b>		
Writing I		
WR 121Z	Composition I	4
Writing II: Met by Program Requirements		
Speech		
COMM 111Z	Public Speaking	3-4
or COMM 114	Argumentation and Critical Discourse	
Mathematics: Met by Program Requirements		
Fitness		
HHP 295	Health and Fitness	3
<b>Perspectives Courses</b> <sup>1,2</sup>		
Choose one course from each of the following categories:		
Physical Science: Met by Program Requirements		
Biological Science: Met by Program Requirements		
Physical or Biological Science: Met by Program Requirements		
<u>Western Culture:</u> <sup>1</sup>		3-4
<u>Cultural Diversity:</u> <sup>1</sup>		4
<u>Literature and the Arts:</u> <sup>1</sup>		3-4
Social Processes and Institutions: Met by Program Requirements		
<u>Difference, Power and Discrimination:</u> <sup>1</sup>		3-4
<b>Program Requirements</b>		
BA 217	Accounting Fundamentals	4
BI 101	General Biology: Cells & Genes <sup>3</sup>	4-5
or BI 221Z	Principles of Biology: Cells	
BI 102	General Biology: Evolution <sup>3</sup>	4-5
or BI 222Z	Principles of Biology: Organisms	
BI 103	General Biology: Ecology <sup>3</sup>	4-5
or BI 223Z	Principles of Biology: Ecology and Evolution	

CH 104	Introduction to Chemistry I <sup>3</sup>	5
or CH 221Z & CH 227Z	General Chemistry I and General Chemistry I Laboratory	
CH 105	Introduction to Chemistry II <sup>3</sup>	5
or CH 222Z & CH 228Z	General Chemistry II and General Chemistry II Laboratory	
CIS 120	Computer Concepts	4
EC 201Z	Principles of Microeconomics	4
FOR 208	Soils: Sustainable Ecosystems	4
WR 227Z	Technical Writing	4
MTH 111Z	Precalculus I: Functions	4

### Electives

Choose any course numbered 100 or above that brings the total credits to 90 quarter hours. This may include up to 12 credits of Career and Technical Education courses designated by COCC as acceptable.

Courses to consider as electives: BA 226Z, CH 106, CH 223Z & CH 229Z, FOR 260, MFG 100, MFG 103, MTH 112Z, MTH 241, SPAN 101, SPAN 102

**Total Credits** **90-97**

<sup>1</sup> Select from the appropriate category in the [OSU Baccalaureate Core course list](#).

<sup>2</sup> No more than two courses (or lecture/lab combinations) from any one department may be used by a student to satisfy the Perspectives category of the core. GEO courses listed under Physical Science are considered to be from a different department than GEO courses listed under any other Perspective category.

<sup>3</sup> Recommend: BI 221Z, BI 222Z, BI 223Z, CH 221Z & CH 227Z, CH 222Z & CH 228Z.

## Advising Notes

### Transferrable from OSU E-Campus

- AG 242 Personal Leadership Development 3
- ANS 121 Introduction to Animal Science 4
- AREC 221 Marketing in Agriculture 3
- AREC 250 Introduction to Environmental Economics and Policy 3
- HORT 111 Introduction to Horticultural Crop Production 2
- HORT 112 Intro. to Horticultural Systems, Practices and Careers 2

Students are encouraged to take BI 221Z Principles of Biology: Cells, BI 222Z Principles of Biology: Organisms, and BI 223Z Principles of Biology: Ecology and Evolution with CH 221Z General Chemistry I & CH 227Z General Chemistry I Laboratory taken before or concurrently with BI 221Z Principles of Biology: Cells. Students are also encouraged to take MTH 241 Calculus for Management/Social Science or MTH 251Z Differential Calculus. The FOR 208 Soils: Sustainable Ecosystems is a Spring term course that may be occasionally offered during during Fall term.

## Performance Standards

- Academic Requirements:
  - Students must have a 2.0 cumulative GPA to earn a COCC certificate or degree.
  - All courses in the program must be completed with a grade of C or higher.

## Sample Plan

First Term		Credits
CIS 120	Computer Concepts	4
Elective		4
MTH 111Z	Precalculus I: Functions	4
WR 121Z	Composition I	4
<b>Credits</b>		<b>16</b>
Second Term		
COMM 111Z or COMM 114	Public Speaking or Argumentation and Critical Discourse	3-4
Elective		4
<u>Western Culture:</u>		3-4
WR 227Z	Technical Writing	4
<b>Credits</b>		<b>14-16</b>
Third Term		
BA 217	Accounting Fundamentals	4
EC 201Z	Principles of Microeconomics	4
Elective		4-5
HHP 295	Health and Fitness	3
<b>Credits</b>		<b>15-16</b>
Fourth Term		
BI 221Z	Principles of Biology: Cells	5
CH 221Z & CH 227Z	General Chemistry I and General Chemistry I Laboratory	5
<u>Cultural Diversity:</u>		4
<b>Credits</b>		<b>14</b>
Fifth Term		
BI 222Z	Principles of Biology: Organisms	5
CH 222Z & CH 228Z	General Chemistry II and General Chemistry II Laboratory	5
Elective		3-4
<u>Literature and the Arts:</u>		3-4
<b>Credits</b>		<b>16-18</b>
Sixth Term		
BI 223Z	Principles of Biology: Ecology and Evolution	5
<u>Difference, Power and Discrimination:</u>		3-4
Elective		3-4
FOR 208	Soils: Sustainable Ecosystems	4
<b>Credits</b>		<b>15-17</b>
<b>Total Credits</b>		<b>90-97</b>