Associate of Arts Degree to BS in Agricultural Science

St. Charles Community College students who plan to transfer to Truman State University with the Associate of Arts degree are strongly encouraged to prepare for transfer by completing the courses listed below. By following this plan for degree completion, students are assured that they will be able to transfer without loss of credit or duplication of courses, that they will complete prerequisites for later course work, and that they will be prepared to make a smooth transition from St. Charles to Truman.

Students who complete the Associate of Arts degree will fulfill the Essential Skills, Modes of Inquiry, Truman Week, and Intercultural requirements of Truman’s Liberal Studies Program. Transfer students must fulfill all other degree requirements that are required of native Truman students.

Students who do not complete the courses as listed on this plan or who transfer without the Associate of Arts degree will have their coursework evaluated and applied to degree requirements on a course-by-course basis.

Students are recommended to complete the following courses to fulfill requirements for their Associate of Arts degree at St. Charles Community College:

Communication – 9 credit hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ENG 101</td>
<td>English Composition I</td>
</tr>
<tr>
<td>ENG 102</td>
<td>English Composition II</td>
</tr>
<tr>
<td>SPE 101</td>
<td>Oral Communication</td>
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</tbody>
</table>

Social Science – 9 credit hours

Complete one course from Group I, and one course from Group II. Select the third course from Group I, II, or III. Students must fulfill the state statute requirements for the United States and Missouri Constitutions.

Group I

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>HIS 101</td>
<td>U.S. History to 1877</td>
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<tr>
<td>HIS 102</td>
<td>U.S. History Since 1877</td>
</tr>
<tr>
<td>HIS 115</td>
<td>U.S. History Since 1945 (elective at Truman but does fulfill MO Statute)</td>
</tr>
<tr>
<td>HIS 270</td>
<td>History of Missouri</td>
</tr>
<tr>
<td>POL 101</td>
<td>American Government</td>
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<tr>
<td>POL 102</td>
<td>State and Local Government</td>
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</tbody>
</table>

Group II

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ANT xxx</td>
<td>Any ANT course</td>
</tr>
<tr>
<td>CRJ 140</td>
<td>Introduction to Criminal Justice System</td>
</tr>
<tr>
<td>ECO 100</td>
<td>Survey Economics</td>
</tr>
<tr>
<td>ECO 110</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECO 120</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>GEO xxx</td>
<td>Any GEO course</td>
</tr>
<tr>
<td>PSY 101</td>
<td>Introduction to Psychology</td>
</tr>
<tr>
<td>SOC 101</td>
<td>Introduction to Sociology</td>
</tr>
</tbody>
</table>
SOC 102 Introduction to Sociological Theory

**Group III**
One additional course from Group I or II

OR

HIS xxx Any HIS course
POL xxx Any POL course

**Humanities – 9 credit hours**

Complete one course from Group I, one course from Group II, and one additional course from Group I or Group II.

**Group I**
ART 101 Art Appreciation
ART 150 Survey of Western Art History I: Prehistory to End of the Middle Ages
ART 151 Survey of Western Art History II: Renaissance to the Twentieth Century
ART 160 Art History II (formerly called Modern and Contemporary Art History)
ART 170 Design I
MUS 110 American Music Appreciation (elective but Fine Art Mode at Truman)
MUS 111 Music Appreciation
MUS 112 Jazz Appreciation
MUS 234 Jazz History
THE 122 Introduction to the Theater

**Group II**
Taking two courses in the same foreign language will apply toward the foreign language requirement for the Agricultural Science major.
FL xxx Any FL course
LIT xxx Any LIT course
PHL xxx Any PHL course

**Multicultural/Valuing – 3 credit hours**

Complete one course from the following:
FL 101 Foreign Language and Culture I
FL 102 Foreign Language and Culture II
FL 201 Foreign Language and Culture III
FL 202 Foreign Language and Culture IV

OR
ANT 102 Intro to Cultural Anthropology
ANT 151 World Archaeology
ANT 202 Current Debates in Anthropology
ESL 102 ESL: Intermediate Composition for Non-Native Speakers
GEO 100 Principles of Geography
HIS 145 Western Civilization, Ancient and Medieval Heritage
HIS 146 Western Civilizations, Modern European Heritage
LIT 200 World Mythology
LIT 271  Contemporary Voices of Global Literature  
LIT 272  World Literature: Ancient World Through the Renaissance  
LIT 273  World Literature: Enlightenment to the 20th Century  
MUS 111  Music Appreciation  
PHL 201  World Religion  
POL 201  International Relations  
POL 210  Comparative Politics  
POL 255  European Politics and Culture  

Mathematics – 3-5 credit hours

**Complete one course from the following:**

MAT 160  College Algebra  
MAT 171  Pre-Calculus Mathematics  
MAT 180  Calculus and Analytic Geometry  
MAT 210  Survey of Calculus

Natural Science - 7 credit hours

**Complete one course from Group I, and one course from Group II.**

**Although only one lab is required for the AA degree, this major requires labs with both sciences to meet the major requirements at Truman.**

If planning to pursue Agricultural Science/Pre-Vet concentration:

**Group I**

BIO 101/103  General Biology I and Lab  
OR  
BIO 150  General Biology I and Lab

**Group II**

CHM 110/113  General Chemistry I and Lab  
OR  
CHM 115  General Chemistry I

If planning to pursue Agricultural Business concentration:

**Group I**

BIO 105/106  Essentials of Biology and Lab  
BIO 101/103  General Biology I and Lab  
OR  
BIO 150  General Biology I and Lab

**Group II**

CHM 101/103  Introduction to Chemistry and Lab  
CHM 110/113  General Chemistry I and Lab  
OR  
CHM 115  General Chemistry I
Computer Literacy Requirement – 3 credit hours

Complete one course from the following:
BAS 103 Microcomputer Applications
CPT 103 Microcomputer Applications
CPT 115 Introduction to Data Processing
EDU 220 Educational Technology

Capstone – 1 credit hour
COL 299 Sophomore Portfolio Assessment

Transferable Major Field Requirements – 19+ credit hours
From the following courses, choose courses to total 64 credits for the degree.

If planning to pursue Agricultural Science/Pre-Vet concentration:
ECO 120 Principles of Microeconomics
CHM 111/114 General Chemistry II and Lab
OR
CHM 116 General Chemistry II

If planning to pursue Agricultural Business concentration:
ECO 110 Principles of Macroeconomics (if not taken for Social Science)
ECO 120 Principles of Microeconomics (if not taken for Social Science)
MAT 175 Introductory Statistics

Satisfactorily complete the first year of a single foreign language (Language and Culture IV), or demonstrate elementary proficiency as determined by a CLEP examination.
FL 102 Foreign Language and Culture II
FL 201 Foreign Language and Culture III
FL 202 Foreign Language and Culture IV

Total credits required for the Associate of Arts degree: 64

After completing the Associate of Arts degree at St. Charles Community College, students will then complete the following courses at Truman State University to earn a Bachelor of Science degree in Agricultural Science. Students may transfer any of the following 100-200 level equivalent coursework from SCC provided the 28 hours residency requirement, the 45 hours of Truman coursework, and the major hour requirements for Truman are met.

Junior Interdisciplinary Writing-Enhanced Seminar (JINS) – 3 credit hours

Bachelor of Science Requirements – 3-4 credit hours

Option 1: Agricultural Science/Pre-Vet
CHEM 320 Foundations of Organic Chemistry
OR
CHEM 329 Organic Chemistry I
Option 2: Agricultural Business

One course from the following list:

One course (3 credit hour minimum) in ECON at the 300-level or above, excluding ECON 471, 472, 486, and 554.

One course (3 credit hour minimum) in MATH at the 200-level or above

BSAD 352 Operations Management
BSAD 360 Marketing Research
STAT 375 ANOVA/Experimental Design
STAT 376 Nonparametric Statistics/Sampling
STAT 378 Linear Regression/Time Series

Major Requirements – 27 credit hours

AGSC 108 Introduction to Agricultural Systems
AGSC 110 Principles of Plant Agriculture
AGSC 215 Principles of Animal Agriculture
AGSC 260 Agricultural Markets and Products
AGSC 314 Principles of Soil Science
AGSC 415 Ethical Issues in Sustainable Agriculture
AGSC 420 Seminar in Agriculture
AGSC 490 Agriculture Practicum I (Serves as the Capstone Experience.)
AGSC 491 Agriculture Practicum II (Serves as the Capstone Experience.)

Learning Plan – 30 credit hours

Electives in Agricultural Science: 15 credit hours

Area of Specialization: 15 credit hours

Agricultural Science is a very broad and diverse field of study, with many possible areas of focus and career opportunities. The Learning Plan allows students to select courses which will broaden their knowledge and skill in one or more areas of study, with four primary areas of specialization supported: 1) pre-veterinary medicine/animal science, 2) equine studies, 3) agricultural business, and 4) horticulture/agronomy.

Each student will consult with his/her faculty advisor to develop a written Learning Plan consisting of a list of courses plus a rationale statement explaining how the course selections are consistent with the student’s career and learning objectives. A template for this purpose is available on the Agricultural Science website or can be obtained from the faculty advisor. Students should submit their Learning Plan for faculty approval during the spring semester of the sophomore year (or transfer students during the second semester at Truman). Learning Plans must be approved by a majority of non-abstaining agriculture faculty members.

The Learning Plan consists of two sections, Electives in Agricultural Science (15 credit hours; courses must be designated with the AGSC prefix) and Area of Specialization (15 credit hours; courses can come from AGSC or from any discipline(s) related to the student’s future goals). Completion of minors within the Learning Plan is encouraged, as is inclusion of internship and
research experiences completed for credit. A maximum of 5 credit hours of Internship (AGSC 391-392), 6 hours of Special Problems (AGSC 301), and 3 hours of Research (AGSC 441/442/443) can be included in the Learning Plan.

Writing Enhanced Requirement

Complete at least two additional courses at Truman, in addition to the JINS course, that are listed as Writing-Enhanced. These courses may be used to fulfill other requirements.

Total credits required for the Baccalaureate of Science degree: 120

Additional Information:

Minimum GPA Required: 2.0

Residency Requirements: For a Truman degree, at least 45 hours of credit must be completed in residence at Truman, including at least 15 hours of coursework in the major. In addition, the last 28 hours applied toward the degree must be completed in residence at Truman. Students must also complete at least 40 hours at 300-level or above.

SCC Contact: Student Development Office, 636-922-8241 or 8246

Truman Contact: Erin Shaw 660-785-5146, Kimberly Titus 660-785-4143, or Dr. Michael Seipel, 660-785-4598

Location: Kirksville, Missouri