

# BACHELOR OF SCIENCE, MAJOR IN INTERDISCIPLINARY AGRICULTURE: AGRICULTURAL INDUSTRIES CONCENTRATION

Code	Title	Hours
<b>Bachelor of Science, Major in Interdisciplinary Agriculture: Agricultural Industries Concentration</b>		
Core Curriculum ( <a href="http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/">http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/</a> )		
Component Area I (Communication)		6
Component Area II (Mathematics) <sup>1</sup>		3
Component Area III (Life and Physical Science) <sup>2</sup>		8
Component Area IV (Language, Philosophy, and Culture)		3
Component Area V (Creative Arts)		3
Component Area VI (U.S. History)		6
Component Area VII (Political Science/Government)		6
Component Area VIII (Social and Behavioral Sciences)		3
Component Area IX (Component Area Option)		4
<b>Degree Specific Requirements</b>		
CHEM 1406 or CHEM 1411	Inorganic & Envir Chemistry <sup>1</sup> General Chemistry I	4
MATH 1314 or MATH 1324 or MATH 1332	Pre Calculus Algebra <sup>1</sup> Mth for Mngl Decision Making College Mathematics	3
MATH 1342	Elementary Statistics	3
<b>Major: Interdisciplinary Agriculture</b>		
ACOM 3360	Communication Skills for Agriculturists	3
AGBU 2317	Principles of Agri Economics	3
AGRI 1131	Intro to Pro Leadership Skills	1
AGET 2303	Intro to Ag Engineering Tech	3
AGRI 1309 or CSTE 1330	Computers in Agriculture Introduction to Computers	3
AGRI 4120	Professional Career Skills	1
AGRI 4388	Prin of Ag Leadership/Comm Dev	3
ANSC 1319 & ANSC 1119	Animal Science and Animal Science Laboratory	4
ANSC 3373	Animal Nutrition	3
PLSC 1307 & PLSC 1107	Plant Science and Plant Science Laboratory	4
PLSC 3440	Soil Science	4
<b>Major: Prescribed Electives</b>		
Select 3 hours from the following: AGRI, AGBU, ACOM, AGET, AGED, ANSC, EQSC, PLSC, or WMGT		3
<b>Major: Advanced Prescribed Electives</b>		
Select 19 hours from the following: AGRI, AGBU, ACOM, AGET, AGED, ANSC, CISE, EQSC, PLSC, or WMGT		19
<b>Major Concentration: Agricultural Industries</b>		
AGED 4377 Placeholder		3
AGED 4364	Methods of Teaching Agriculture Education	3
AGED 4365	Student Teaching in Agriculture Education	3
AGED 4366	Student Teaching in Agriculture Education	3
AGED 4388	Secondary Agriculture Education Program Management	3
AGED 4394	Agriculture Education Learning Environments	3
<b>Concentration: Advanced Prescribed Electives</b>		

Select 3 advanced hours (3000-4000) from the following: AGRI, CISE, READ, TESL, or SPED

3

**Total Hours****120**<sup>1</sup> MATH 1314, MATH 1324 or MATH 1332 satisfy the Core Curriculum requirement for Component Area II (Mathematics).<sup>2</sup> CHEM 1406 satisfies Core Curriculum requirement for Component Area III (Life and Physical Science) and the Degree Specific requirement.**Notes**

Students must earn a 2.0 minimum overall GPA in all coursework.

Students must meet a 2.0 minimum overall major GPA in all major coursework.

Students must earn a 2.0 minimum SHSU GPA in all coursework.

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**First Year**

<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
Component Area IX ( <a href="http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix">http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix</a> )		1 Component Area VIII ( <a href="http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaviii">http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaviii</a> ) <sup>4</sup>	3
AGRI 1131		1 AGET 2303	3
ANSC 1319 & ANSC 1119		4 ENGL 1302 <sup>1</sup>	3
ENGL 1301 <sup>1</sup>		3 HIST 1302 <sup>2</sup>	3
HIST 1301 <sup>2</sup>		3 PLSC 1307 & PLSC 1107	4
MATH 1314 or 1332 <sup>3</sup>		3	
		<b>15</b>	<b>16</b>

**Second Year**

<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
Component Area III ( <a href="http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii">http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii</a> )		4 Component Area IV ( <a href="http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiv">http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiv</a> )	3
Component Area V ( <a href="http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav">http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav</a> )		3 CHEM 1406 or 1411 <sup>6</sup>	4
AGBU 2317		3 Prescribed Elective <sup>7</sup>	3

AGRI 1309 or CSTE 1330		3 POLS 2306 <sup>5</sup>		3	
POLS 2305 <sup>5</sup>		3			
		<b>16</b>		<b>13</b>	
<b>Third Year</b>					
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>	<b>Summer</b>	<b>Hours</b>
Advanced Prescribed Electives <sup>8</sup>		6 Component Area IX ( <a href="http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix">http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix</a> )		3 AGED 4388	3
ANSC 3373		3 Advanced Prescribed Electives <sup>8</sup>		7	
PLSC 3440		4 AGRI 4388		3	
MATH 1342		3 AGED 4377		3	
		<b>16</b>		<b>16</b>	<b>3</b>
<b>Fourth Year</b>					
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>		
ACOM 3360		3 AGED 4364		3	
Advanced Prescribed Electives <sup>8</sup>		6 AGED 4365		3	
AGRI 4120		1 AGED 4366		3	
Concentration: Advanced Prescribed Electives <sup>9</sup>		3 AGED 4394		3	
		<b>13</b>		<b>12</b>	

**Total Hours: 120**

- <sup>1</sup> Satisfies the requirement for Core Curriculum Component Area I: Communications.
- <sup>2</sup> Satisfies the requirement for Core Curriculum Component Area IV: U.S. History.
- <sup>3</sup> Satisfies the requirement for Core Curriculum Component Area II: Mathematics.
- <sup>4</sup> ANSC 2360 recommended.
- <sup>5</sup> Satisfies the requirement for Core Curriculum Component Area VII: Political Science/Government.
- <sup>6</sup> CHEM 1406 satisfies the requirement for Core Curriculum Component Area III: Life and Physical Science and the Degree Specific requirement.
- <sup>7</sup> Select 3 hours from the following: AGRI, AGBU, ACOM, AGET, AGED, ANSC, EQSC, PLSC, or WMGT.
- <sup>8</sup> Select courses from the following: AGRI, AGBU, ACOM, AGET, AGED, ANSC, CISE, EQSC, PLSC, or WMGT.
- <sup>9</sup> Select courses from the following: AGRI, CISE, READ, TEST, or SPED.

#### Notes

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The Texas Higher Education Coordinating Board (THECB) marketable skills initiative is part of the state's 60x30TX plan and was designed to help students articulate their skills to employers. Marketable skills are those skills valued by employers and/or graduate programs that can be applied in a variety of work or education settings and may include interpersonal, cognitive, and applied skill areas.

The BS in Interdisciplinary Agriculture: Agricultural Industries Concentration is designed to provide graduates with the following marketable skills:

- Apply independent and team-working skills to accomplish objectives and meet deadlines in a variety of agricultural enterprises.
- Analyze situational aspects and engage in critical thinking skills to formulate and implement problem-solving techniques in agricultural enterprises.
- Demonstrate technical knowledge and skills necessary for entry level professionals Agricultural Business, Agricultural Communication, Agricultural Engineering Technology, Animal Science, and Plant and Soil Science.
- Collaborate with agricultural professionals to develop research based educational programs.
- Manage, organize, and conduct youth and adult educational programs.