

**AS IN AGRICULTURE TO BS IN AGRICULTURE IN PLANT AND SOIL SCIENCE
EMPHASIS IN AGRONOMY**

Campus		Black River Technical College Courses	Comparable A-State Course	Hours	
Black River Technical College	English Composition	ENG 1003 Freshman English I	ENG 1003 Composition I	3	
		ENG 1013 Freshman English II	ENG 1013 Composition II	3	
		SCOM 1203 Oral Communications	COMS 1203 Oral Communication	3	
	Math	MATH 1023 College Algebra	MATH 1023 College Algebra	3	
	Life Science	BIOL 1004 Biological Science/Lab	BIOL 1003/1001 Biological Science/Lab	4	
	Physical Science	CHEM 1004 General Chemistry I/Lab	CHEM 1013/1011 General Chemistry I/Lab	4	
	US History/ Government	HIST 2763 The US to 1876	HIST 2763 The US to 1876	3	
		HIST 2773 The US since 1876	HIST 2773 The US since 1876		
		POSC 2103 U.S Government	POSC 2103 Intro to US Government		
	Soc. Science	ECON 2313 Prin. Of Macroeconomics	ECON 2313 Prin. Of Macroeconomics	3	
	Humanities	ENG 2003 Intro to World Lit I	ENG 2003 World Lit to 1660	3	
		ENG 2013 Intro to World Lit II	ENG 2013 World Lit Since 1660		
	World Civilization	HIST 1013 World Civilization to 1660	HIST 1013 World Civilization to 1660	3	
		HIST 1023 World Civilization Since 1660	HIST 1023 World Civilization Since 1660		
	Fine Arts	FAT 2203 Fine Arts Theatre	THEA 2503 Fine Arts Theatre	3	
		FAM 2503 Fine Arts Musical	MUS 2503 Fine Arts Music		
		FAM 2503 Fine Arts Visual	ART 2503 Fine Arts Visual		
	Agricultural Core Requirements	AGEC 1003 Intro to Agriculture Economics	AGEC 1003 Introduction to Agricultural Business	3	
		AGRI 1211 Seminars in Agriculture	AGRI Elective (1 hour)	1	
		ANSC 1613 Introduction to Animal Science	ANSC 1613 Introduction to Animal Science	3	
		ANSC 1621 Introduction to Animal Science Lab	ANSC 1621 Introduction to Animal Science Lab	1	
		PSSC 1301 Introduction to Plant Science Lab	PSSC 1301 Plant Science Laboratory	1	
		PSSC 1303 Introduction to Plant Science	PSSC 1303 Introduction to Plant Science	3	
		PSSC 2811 Introduction to Soils Lab	PSSC 2811 Soils Laboratory	1	
		PSSC 2813 Introduction to Soils	PSSC 2813 Soils	3	
	Plant Science Emphasis	CA 1903 Computer Concepts	CS 1013 Intro to Computers	3	
		AGRI 1003 Agriculture Technology	Elective	3	
AGRI 1103 Precision Technology		Elective	3		
A-State	Agriculture Core Courses		AGRI 3233 Applied Agricultural Statistics	3	
			STAT 3233 Applied Statistics I		
			TECH 3773 Statistics		
			AGRI 3813 Agricultural Biosystems I		3
			AGRI 3823 Agricultural Biosystems II		3
			AGRI 4723 Ag Connections: Technical Interpretation and Professional Applications		3
	Major Requirements		AGRI 420V Internships in Agriculture	3	
			AGRI 2213 Genetic Improvement of Plants and Animals		
			AGRI 4223 Agriculture and the Environment		3
			BIO 3303 AND 3301 General Entomology and Laboratory		4
			BIO 3313 AND 3311 Economic Entomology and Laboratory		
			PSSC 3313 Plant Disease Management		3
	Emphasis Area – Agronomy		PSSC 4313 Plant Growth and Development	3	
			AGST 3503 Agricultural Spatial Technologies	3	
			AGST 3543 Fundamentals of GIS	3	
			CHEM 1052 Fundamental Concepts of Organic and Biochemistry	2	
			PSSC 3323 Weeds and Weed Control	3	
			PSSC 4804 Principles of Crop Production	4	
	PSSC 4813 Soil Fertility	3			
	AGRI, AGST, HORT or PSSC electives, or BIO 1503 Biology of Plants, or related area	14			

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**AS IN AGRICULTURE TO BS IN AGRICULTURE IN PLANT AND SOIL SCIENCE
EMPHASIS IN ENVIRONMENTAL HORTICULTURE**

Campus		Black River Technical College Courses	Comparable A-State Course	Hours
Black River Technical College	English Composition	ENG 1003 Freshman English I	ENG 1003 Composition I	3
		ENG 1013 Freshman English II	ENG 1013 Composition II	3
		SCOM 1203 Oral Communications	COMS 1203 Oral Communication	3
	Math	MATH 1023 College Algebra	MATH 1023 College Algebra	3
	Life Science	BIOL 1004 Biological Science/Lab	BIOL 1003/1001 Biological Science/Lab	4
	Physical Science	CHEM 1004 General Chemistry I/Lab	CHEM 1013/1011 General Chemistry I/Lab	4
	US History/ Government	HIST 2763 The US to 1876	HIST 2763 The US to 1876	3
		HIST 2773 The US since 1876	HIST 2773 The US since 1876	
		POSC 2103 U.S Government	POSC 2103 Intro to US Government	
	Soc. Science	ECON 2313 Prin. Of Macroeconomics	ECON 2313 Prin. Of Macroeconomics	3
	Humanities	ENG 2003 Intro to World Lit I	ENG 2003 World Lit to 1660	3
		ENG 2013 Intro to World Lit II	ENG 2013 World Lit Since 1660	
	World Civilization	HIST 1013 World Civilization to 1660	HIST 1013 World Civilization to 1660	3
		HIST 1023 World Civilization Since 1660	HIST 1023 World Civilization Since 1660	
	Fine Arts	FAT 2203 Fine Arts Theatre	THEA 2503 Fine Arts Theatre	3
		FAM 2503 Fine Arts Musical	MUS 2503 Fine Arts Music	
		FAM 2503 Fine Arts Visual	ART 2503 Fine Arts Visual	
	Agricultural Core Requirements	AGEC 1003 Intro to Agriculture Economics	AGEC 1003 Introduction to Agricultural Business	3
		AGRI 1211 Seminars in Agriculture	AGRI Elective (1 hour)	1
		ANSC 1613 Introduction to Animal Science	ANSC 1613 Introduction to Animal Science	3
		ANSC 1621 Introduction to Animal Science Lab	ANSC 1621 Introduction to Animal Science Lab	1
		PSSC 1301 Introduction to Plant Science Lab	PSSC 1301 Plant Science Laboratory	1
		PSSC 1303 Introduction to Plant Science	PSSC 1303 Introduction to Plant Science	3
		PSSC 2811 Introduction to Soils Lab	PSSC 2811 Soils Laboratory	1
		PSSC 2813 Introduction to Soils	PSSC 2813 Soils	3
	Plant Science Emphasis	CA 1903 Computer Concepts	CS 1013 Intro to Computers	3
		AGRI 1003 Agriculture Technology	Elective	3
AGRI 1103 Precision Technology		Elective	3	
A-State	General Education Requirements		CHEM 1043 AND 1041 Fundamental Concepts of Chemistry and Lab	4
	Agriculture Core Courses		AGRI 3233 Applied Agricultural Statistics	3
			STAT 3233 Applied Statistics I	
			TECH 3773 Statistics	
			AGRI 3813 Agricultural Biosystems I	3
			AGRI 3823 Agricultural Biosystems II	3
			AGRI 4723 Ag Connections: Technical Interpretation and Professional Applications	3
			AGRI 420V Internships in Agriculture	
	Major Requirements		AGRI 2213 Genetic Improvement of Plants and Animals	3
			AGRI 4223 Agriculture and the Environment	3
			BIO 3303 AND 3301 General Entomology and Laboratory	4
			BIO 3313 AND 3311 Economic Entomology and Laboratory	
			PSSC 3313 Plant Disease Management	3
			PSSC 4313 Plant Growth and Development	3
			CHEM 1052 Fundamental Concepts of Organic and Biochemistry	2
	Emphasis Area – Environmental Horticulture		HORT 3293 Landscape Plant Materials	3
			HORT 2253 Fundamentals of Horticulture	3
			HORT 4333 Greenhouse and Nursery Production	3
			PSSC 3323 Weeds and Weed Control	3
		AGRI, AGST, HORT or PSSC electives, or BIO 1503 Biology of Plants, or related area	18	

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