

PATHWAY: SUSTAINABLE AGRICULTURE 2020-2021							ASSOCIATE OF APPLIED SCIENCE CERTIFICATE
HIGH SCHOOL PLAN							
SECONDARY	GRADE	English	Math	Science	Social Studies	*Required Courses or Recommended CTE Electives	Career and Technical Courses
	9	English I	Math I	Earth Science	World History	*Health/PE	
						*Career Mgmt.	
	10	English II	Math II	Biology	Civics & Economics		AGR 139 Intro to Sust. Ag. (FA)
							AGR 121 Biological Pest Mgmt (SP)
	11	English III	Math III	Physical Science	American History I		AGR 160 Plant Science (FA)
						AGR 111 Basic Farm Maint (SP)	
12	English IV	4th Math Course		American History II		AGR 265 Organic Crop Pro: Spr (SP)	
						AGR 130 Alternative Ag Prod (FA)	
COMMUNITY COLLEGE PLAN							
POSTSECONDARY	Year 13						
	Fall Semester	AGR 139 Intro to Sustainable Agriculture		AGR 130 Alternative Agricultural Production		AGR 160 Plant Science	
	Spring Semester	AGR 111 Basic Farm Maintenance		AGR 121 Biological Pest Management		AGR 265 Organic Crop Production: Spring	

REQUIRED CREDIT HOURS FOR CERTIFICATE: 17

Yellow Recommended CTE: 17 HOURS

¹ This course may be offered in the summer also for production purposes.

OCCUPATIONS: farm owner, extension technician, agricultural professional, ag consultant, IPM technician, greenhouse grower, farmer, vegetable crop producer, organic production inspector
AVERAGE SALARY: \$25,000-\$50,000

Upon Completion of the pathway, the student will be awarded a Sustainable Agriculture certificate from SCC.

High School to College Pathway

Pathway: Sustainable Agriculture 2020-2021							Associate of Applied Science Certificate
HIGH SCHOOL PLAN							
SECONDARY	GRADE	English	Math	Science	Social Studies	*Required Courses or Recommended CTE Electives	Career and Technical Courses
	9	English I	Math I	Earth Science	World History	*Health/PE	
						*Career Mgmt.	
	10	English II	Math II	Biology	Civics & Economics		AGR 139 Intro to Sust. Ag. (FA)
							AGR 121 Biological Pest Mgmt (SP)
	11	English III	Math III	Physical Science	American History I		AGR 160 Plant Science (FA)
						AGR 111 Basic Farm Maint (SP)	
12	English IV	4 th Math Course		American History II		AGR 265 Organic Crop Pro: Spr (SP)	
						AGR 130 Alternative Ag Prod (FA)	
COMMUNITY COLLEGE PLAN							
POSTSECONDARY	Year 13						
	Fall Semester	AGR 139 Intro to Sustainable Agriculture		1AGR 130 Alternative Agriculture Production		AGR 160 Plant Science	
	Spring Semester	AGR I11 Basic Farm Maintenance		AGR121 Biological Pest Management		AGR 265 Organic Crop Production: Spring	

REQUIRED CREDIT HOURS FOR CERTIFICATE: 17

Yellow Recommended CTE: 17 HOURS

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High School to College Pathway (Freshman)

Pathway: Sustainable Agriculture 2020-2021					Associate of Applied Science Certificate		
High School Plan							
Secondary	Grade	English	Math	Science	Social Studies	Required Courses (*) or Recommended CTE Electives	Career and Technical Courses
	9	English I	Math I	Earth Science	World History	*Health/PE	Agriscience Applications
						*Career Management/PLTW	
	10	English II	Math II	Biology	Founding Principles of the USA & NC: Civic Literacy	Animal Science I	Horticulture I
						Animal Science II	Horticulture II
	11	English III	Math III	Physical Science	Economics & Personal Finance	AGR 139 Intro to Sust. Ag. (FA)	AGR 160 Plant Science (FA)
AGR 121 Biological Pest Mgmt (SP)						AGR 111 Basic Farm Maint (SP)	
12	English IV	4th Math Course		American History	AGR 130 Alternative Ag Prod (FA)	AGR 265 Organic Crop Pro: Spr (SP)	
Community College Plan							
Year 13							
Postsecondary	Fall Semester	AGR 139 Intro to Sustainable Agriculture		AGR 130 Alternative Agriculture Production		AGR 160 Plant Science	
	Spring Semester	AGR 111 Basic Farm Maintenance		AGR 121 Biological Pest Management		AGR 265 Organic Crop Production: Spring	

Required Credit Hours for Certificate: 17

Yellow Recommended CTE: 17 Hours

Occupations: farm owner, extension technician, agricultural professional, ag consultant, IPM technician, greenhouse grower, farmer, vegetable crop producer, organic production inspector
Average Salary: \$25,000-\$50,000

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High School to College Pathway (Sophomore, Junior, Senior)

Pathway: Sustainable Agriculture 2020-2021					Associate of Applied Science Certificate		
High School Plan							
Secondary	Grade	English	Math	Science	Social Studies	Required Courses (*) or Recommended CTE Electives	Career and Technical Courses
	9	English I	Math I	Earth Science	World History	*Health/PE	Agriscience Applications
						*Career Management/PLTW	
	10	English II	Math II	Biology	Civics & Economics	Animal Science I	Horticulture I
						Animal Science II	Horticulture II
	11	English III	Math III	Physical Science	American History I	AGR 139 Intro to Sust. Ag. (FA)	AGR 160 Plant Science (FA)
AGR 121 Biological Pest Mgmt (SP)						AGR 111 Basic Farm Maint (SP)	
12	English IV	4th Math Course		American History II	AGR 130 Alternative Ag Prod (FA)	AGR 265 Organic Crop Pro: Spr (SP)	
Community College Plan							
Year 13							
Postsecondary	Fall Semester	AGR 139 Intro to Sustainable Agriculture		¹ AGR 130 Alternative Agriculture Production		AGR 160 Plant Science	
	Spring Semester	AGR 111 Basic Farm Maintenance		AGR 121 Biological Pest Management		AGR 265 Organic Crop Production: Spring	

Required Credit Hours for Certificate: 17

Yellow Recommended CTE: 17 Hours

¹ This course may be offered in the summer also for production purposes.

Occupations: farm owner, extension technician, agricultural professional, ag consultant, IPM technician, greenhouse grower, farmer, vegetable crop producer, organic production inspector

Average Salary: \$25,000-\$50,000

Upon Completion of the pathway, the student will be awarded a Sustainable Horticulture certificate from SCC.

High School to College Pathway

PATHWAY: SUSTAINABLE AGRICULTURE 2020-2021							ASSOCIATE OF APPLIED SCIENCE CERTIFICATE
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	10	English II	Math II	Biology	Civics & Economics		AGR 139 Intro to Sust. Ag. (FA)
							AGR 121 Biological Pest Mgmt (SP)
	11	English III	Math III	Physical Science	American History I		AGR 160 Plant Science (FA)
						AGR 111 Basic Farm Maint (SP)	
12	English IV	4th Math Course		American History II		AGR 265 Organic Crop Pro: Spr (SP)	
						AGR 130 Alternative Ag Prod (FA)	
COMMUNITY COLLEGE PLAN							
Year 13							
POSTSECONDARY	Fall Semester	AGR 139 Intro to Sustainable Agriculture		AGR 130 Alternative Agriculture Production		AGR 160 Plant Science	
	Spring Semester	AGR 111 Basic Farm Maintenance		AGR 121 Biological Pest Management		AGR 265 Organic Crop Production: Spring	

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