



**PROGRAM OF STUDY PATHWAY TEMPLATES 2018–2019**

**ODE CAREER FIELD:** Agricultural & Environmental Systems

**ODE PATHWAY:** Animal Science and Management

**SINCLAIR PROGRAM:** Large Animal Sciences

37 Credit Hours - Certificate

LACH.S.CRT

<b>HIGH SCHOOL</b>	<b>Freshman</b>	English I (1)	Algebra & Geometry or Algebra I (1)	Physical Science (1)	Social Studies (1)	Health (.5) Physical Education (.5)	Career Field Exploration	Fine Arts/Foreign Language/Business Elective (1)
	<b>Sophomore</b>	English II (1)	Geometry or Algebra II (1)	Biology or Life Science (1)	US History (1)	Technology Elective (1)	Career Pathway Foundation	Fine Arts/Foreign Language/Business Elective (1)
	<b>Junior</b>	English III (1)	Algebra II / Adv Algebra II & Trigonometry (1)	Chemistry (1)	US Govt (.5) Economics and Financial Literacy Social Studies Elective (.5)	Career Tech AG Science/ Vet Tech (1)	Career Tech AG Science/ Vet Tech (1)	Career Tech AG Science/ Vet Tech (1)
	<b>Senior</b>	English IV (1)	College Math or Calculus (1)	Advanced study in Life or Physical Science OR Earth/Space Science (1)	Psychology, Sociology or Social Studies Elective (1)	Career Tech AG Science/ Vet Tech (1)	Career Tech AG Science/ Vet Tech (1)	Career Tech AG Science/ Vet Tech (1)

Take ACT, SAT, or required Sinclair placement test. Visit Sinclair academic advising. Earn high school diploma. Complete pathway as designed.

<b>SINCLAIR COLLEGE</b>	<b>1st Semester</b>	• BIO 1111/17 General Biology I (4)	VET 1100 Introduction to Animal Careers (1)	MAT 1120 Business Math (3) OR MAT 1130 Allied Health Math (3) OR • OTM Mathematics Elective	• ENG 1101 English Composition I (3)		
	<b>2nd Semester</b>	BIS 1400 Customer Service (3)	MAN 1107 Foundation of Business (3)	■ VET 1120 Introduction to Large Animal Sciences Handling & Husbandry (3)	AGR 1160 Introduction to Agriculture Science (1)	BIS 1120 Introduction to Software Applications (3)	
	<b>Semester 3 (SUMMER)</b>	VET 2220 Principles of Large Animal Reproduction (3)	VET 2225 Principles of Large Animal Nutrition (3)	• COM 2206 Interpersonal Communication OR • COM 2211 Effective Public Speaking OR • COM 2225 Small Group Communication(3)	• BIO 1211/17 General Biology II (4)		

• = Courses guaranteed to transfer to Ohio's public institutions of higher education

■ Indicates eligible college course opportunities via Proficiency credit or Articulated Award credit.

■ Indicates Career-Technical Assurance Guides (CTAG)-approved transfer credit. The high school or career center is responsible for sending the proper documentation, along with the Verification of Course/Program Completion form to the college in order for credits to be posted on a student's transcript.

Required Courses (credit hours)

Recommended Elective Courses

Revised 7/10/2018

**Please note: This template does not provide department approved course sequences for students to follow. That is, the courses may be presented out of order. It is best for students to consult with an academic advisor in order to plan a semester by semester course schedule in order to meet the requirements for their certificates and degree programs.**