

Name \_\_\_\_\_

Learner ID \_\_\_\_\_

School/College/University \_\_\_\_\_

## Sample Program of Studies

**Cluster: Agriculture, Food and Natural Resources**

**Pathway: Animal Science**

### Career Pathway Plan of Study for ► Learners ► Parents ► Counselors ► Teachers/Faculty

This Career Pathway Plan of Study (based on the Agriculture, Food and Natural Resources Career Cluster) can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. \*This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives Recommended Electives Learner Activities	*Career and Technical Courses and/ or Degree Major Courses for Animal Science Pathway	SAMPLE Occupations Relating to This Pathway
Interest Inventory Administered and Plan of Study Initiated for all Learners								
SECONDARY	9	English Composition	Algebra I	Earth Science	Social Studies 9		Ag Science I	<b>Occupations Requiring Postsecondary Education ► Animal Caretaker - Poultry Manager</b> ► Aquaculturalist ► Artificial Insemination Technician ► Dairy Producer ► Equine Manager ► Feed Sales Representative ► Livestock Buyer ► Livestock Inspector ► Livestock Producer ► Veterinary Assistant
	10	English Literature	Geometry	Biology	Modern Europe		AG Science II	
	11	Literature & Composition	Pre-Calculus	Chemistry	U.S. History		Introduction to Animal Science	
	College Placement Assessments-Academic/Career Advisement Provided							
	12	English Composition ACC/UCONN	Intermediate Algebra ACC	Advanced Chemistry ACC/UCONN	World Issues		Advanced Animal Science	
Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDARY	Year 13	English Composition	Intermediate Algebra ACCI	Chemistry	American Government		Orientation to Animal Science Survey or the Animal Industry	<b>Occupations Requiring Baccalaureate Degree</b> ► Agricultural Educator ► Animal Nutritionist ► Livestock Geneticist ► Meat Science Researcher ► Physiologist ► Wildlife Biologist ► USDA Inspector ► Veterinarian
	Year 14	Speech/Oral Communication		Biological Science Botany	Modern Western Traditions		Animal Anatomy and Physiology Working with Animals	
	Year 15	Technical Writing	Statistics	Organic Chemistry Microbiology			Livestock Management Continue Courses in Area of Specialization	
	Year 16						Complete Animal Science Major (4-Year Degree Program)	