SAMPLE

career goals. Opportunities for coursework are flexible and can vary at the local levels. planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet learner's educational potential and Class of Current Area of Interest: Agriculture, Food & Natural Resources/Veterinary Science - This INDIVIDUAL GRADUATION PLAN can serve as a guide, along with other career

		Care	EDUCATION LEVELS			
10	6	er-relat	GRADE			
On-going advisement with learner and family (BRIDGE compliance) to include postsecondary admissions assessment; career-related activities 10th Literature & Math II, or GPS Geometry or Geometry or GPS Advanced Composition GPS Advanced World History Personal Fitness Fitness Care	9th Literature & Composition	Career-related assessments administered and Individual Graduation Plan initiated for all learners by the end of the 8th grade (BRIDGE compliance)	English/Language Arts 4 credits			
Math II, or GPS Geometry or GPS Advanced	Math I, GPS Algebra I or GPS Geometry	ed and Individual G	Math 4 credits			
ly (BRIDGE complia Biology	Physical Science	iraduation Plan init	Science 4 credits*			
Norld History	American Government/ Civics	iated for all learne	Social Studies 3 credits			
Personal Fitness	Health	rs by the end of	Health/ Physical Education 1 credit			
issions assessment; ca Elective or Modern Language Latin	Elective or Modern Language Latin	the 8 th grade (BRIDGE	Electives 4 credits			
Rear-related activities Basic Agriculture Science Technology or Small Animal Care	Elective or Basic Agriculture Science Technology	compliance)	Career and Technical Courses for Veterinary Science 3 elective credits**			
Occupations Relating to this Relating to this Career Pathway Equine Managers Veterinarians Veterinary Assistants Animal Scientists Wildlife Biologists Livestock Geneticists						

	POSTSECONDARY					SI	co	N	IDAR	1		ij					
	• Lea tho • Lea tak adr		12			7		د					10			3	9
D	Learners who will those institutions those institutions. Learners who will take the SAT or Avadmissions.	Postseco	Advanced Composition		_		Composition	11th Amorio)			Composition	10th Literature &	On-going		Composition	9th Literature &
SHE SHEET AND	ill continue th 18. ill continue th ACT. Check w	ondary advise	omposition	U	On-aoina advi		Composition	an Literature/)n-going advi			_	ire &	advisement w		_	8
S S	eir education at one eir education at one ith your selected in	ment with learner	Advanced Math or *Career Pathway Related Math		sement with learne	Algebra or Advanced Math	Advanced	Math III CBS	sement with learne	Algebra	GPS Advanced	Geometry or	Math II, or GPS	ith learner and fan	Geometry	Algebra I or GPS	Math I, GPS
TOTAL SMILL STREET TO THE TAX TO THE	Learners who will continue their education at one of Georgia Public Technical Colleges should prepare to take the COM those institutions. Learners who will continue their education at one of Georgia's University System 4-year state college or research unive take the SAT or ACT. Check with your selected institution for specific admissions requirements. Georgia's 2-year colleg admissions.	and family to includ	*Animal Science Technology/ Biotechnology	dual enrol	er and family (BRIDG		Cilenisity	Chomistry	er and family (BRIDO dual enrol				Biology	ily (BRIDGE complic		5	Physical Science
	rechnical Colleges sl rsity System 4-year admissions require	e postsecondary ac	Economics/ Business/ Free Enterprise	dual enrollment; work-based learning	SE compliance) to in		History	United States	mily (BRIDGE compliance) to include po dual enrollment; work-based learning				World History	ance) to include pos	Civics	Government/	American
20.00	nould prepare t state college o ments. Georgi	lmission assess	Elective	learning	iclude postsecu		Elective	Elantiva	nclude postsecu learning			Fitness	Personal	tsecondary ad			Health
	to take the COMPASS as r research university ins a's 2-year colleges do n	Postsecondary advisement with learner and family to include postsecondary admission assessment level; dual credit (College Credit Now)	Elective or Modern Language Latin		On-going advisement with learner and family (BRIDGE compliance) to include postsecondary admissions assessment level;		Language Latin	Elective or Modern	On-going advisement with learner and family (BRIDGE compliance) to include postsecondary admissions assessment level; dual enrollment; work-based learning			Language Latin	Elective or Modern	On-going advisement with learner and family (BRIDGE compliance) to include postsecondary admissions assessment; career-related activities		Language Latin	Elective or Modern
	Learners who will continue their education at one of Georgia Public Technical Colleges should prepare to take the COMPASS assessment for admissions to those institutions. Learners who will continue their education at one of Georgia's University System 4-year state college or research university institutions should prepare to take the SAT or ACT. Check with your selected institution for specific admissions requirements. Georgia's 2-year colleges do not require the SAT/ACT for admissions.	(College Credit Now)	Elective or Veterinary Science		ssment level;		Veterinary Science	Small Animal Care or	ssment level;		Care	Technology or Small Animal	Basic Agriculture Science	areer-related activities	The state of the s	Science Technology	Elective or Basic Agriculture
	7									Animal Nutritionists	Livestock Geneticists	Wildlife Biologists	Aniillal scientists	Animal Scientists	Veterinary Assistants	Veterinarians	Equine Managers

^{* 4}th Science may be used to meet both the required science and required elective in CTAE sequence of courses

assessment. See the back for a more specific description of graduation requirements. **Learners must complete 2 years (2 credits) of the same Modern Language/Latin for admission to Georgia Board of Regents colleges/universities; Students must complete CTAE pathway and take end of pathway

Some courses do not follow the same sequence at the local levels.

Legend: Galden rod=Core requirements; Green=Elective Requirements

The sample VETERINARY SCIENCE PATHWAY occupations listed below meet two out of three of GDOE definitions for high-demand, high-wage and high-skilled. www.occsupplydemand.org

Occupation Specialties	Level of Education Needed	Average Salary	Annual Average Openings in Georgia
 Animal Breeder	Short-Term On-the- Job Training	\$22,152	20
Animal Trainer	Moderate On-the-Job Training	\$28,891	40
Veterinarian	First Professional Degree	\$67,101	60
Veterinarian Technologist & Technician	Associate Degree	\$25,480	60

and education and career planning, including valuable financial information (grants Go to GACollege411 at www.GACollege411.org for more information about your scholarshing including HOPE Program Joans AND FAFSA and CSS forms

* 4th Science may be used to meet both the required science and required elective in CTAE sequence of courses **Students must complete 3 units in a pathway to complete CTAE pathway and take the end of pathway assessment. Student must complete 2 years of the same Modern Language/Latin for admission to Georgia Board of Regents colleges/universities.	English/Language Arts Mathematics *Science Social Studies ** Career, Technical & Agricultural Education and/or Modern Language/Latin, and/or Fine Arts Health & Physical Education Electives TOTAL	Current GEORGIA Graduation Rule for student entering the 9th grade in fall of 2008-2009 Current GEORGIA Graduation Rule for student entering the 9th grade in fall of 2008-2009 Postsecondary Programs of Study Programs of Study Technical College System Postsecondary Programs of Study University of Georgic System
	2448	Credits
NOTE: Learners planning to attend a technical college should prepare to take the COMPASS assessment for admissions.	TBD	Postsecondary Programs of Study Technical College
NOTE: Learners planning to attend a Georgia 4-year college/university should prepare to take the ACT/SAT.	TBD .	Postsecondary Programs of Study University of Georgia System

December, 2009; Revised May, 2011 • Page 57 Dr. John Barge, State Superintendent of Schools Georgia Department of Education All Right Reserved

VETERINARY SCIENCE PATHWAY

wildlife management. Some veterinarians are meat inspectors, and others work in animal diseases as well as researching human and animal livestock, and animals in zoos, racetracks, and laboratories health to develop new ways to prevent and cure diseases. They are concerned with preventing, controlling, and curing Veterinarians treat health problems of pets,

goats, cattle, and sheep in addition to companion pets. A medical practices treating small animals. Almost one-fourth of cattle) exclusively. These veterinarians drive to farms or small number of veterinarians treat large animals (horses or all veterinarians work in "mixed" practices, treating pigs, federal regulations concerning food purity and sanitation. also inspect slaughtering and processing plants and enforce as well as ordering quarantines when necessary. They may beings. They advise owners on the treatment of their animals livestock for diseases that may be transmitted to human Veterinarians involved in food safety and inspection check ranches to provide services for herds or individual animals. reports that about 70 percent of veterinarians work in private The American Medical Veterinary Association

school. To apply, students should complete pre-veterinary submitting test scores from the Graduate Record Examination course requirements (primarily science classes) as well as program. Competition is keen for admission to veterinary veterinary medicine after completing an undergraduate Medicine (D.V.M. or V.M.D.) from an accredited college of College Admission Test (MCAT). (GRE), Veterinary College Admission Test (VCAT), or Medical Veterinarians must obtain a Doctor of Veterinary

Employment of veterinarians is expected to increase by 35 blood transfusions. available for humans, are now available for animalsexample, certain procedures that were only previously percent by 2016 attributed somewhat to the fact that modern national board examination, the North American Veterinary program, veterinarians must earn a passing grade on a procedures such as hip replacement, kidney transplants, and veterinary services now parallel human medicine. For icensing Exam, before practicing veterinary medicine. After graduation from an accredited veterinary