

# Peach State Pathways: Program of Study



## Agriculture

Learner Name \_\_\_\_\_

Date \_\_\_\_\_

Learner Signature \_\_\_\_\_

Advisor/Counselor Signature \_\_\_\_\_

Parent/Guardian Signature \_\_\_\_\_

*This plan of study should serve as a guide, along with other career planning materials, as you continue your education. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals.*

**All plans will meet minimum high school graduation requirements as well as minimum college entrance requirements.**

*Applicants to Board of Regents institutions should be advised that meeting minimum requirements will not guarantee admission at any institution. Institutions may set additional and/or higher requirements.*

High School Education and Career Plan Graduation Rules for # grade enrolling 2002-200	Year 9	Year 10	Year 11	Year 12	Sample Postsecondary Programs	
	English/Language Arts	English/Language Arts	English/Language Arts	English/Language Arts	Technical College	
	Math	Math	Math	Math	College/University	
	Physical Science/Biology	Biology/Physical Science	Chemistry/Physics	**	The following links will list Department of Technical and Adult Education institutions offering programs in <b>Animal Science</b> . Each technical college varies in the specific degrees (AAS) and diplomas offered. Search the drop-down boxes for a specific program OR school in the following areas; *Veterinary/Animal Health *Veterinary Assistant	The following link will list Board of Regents institutions offering degrees in <b>Animal Science</b> . In the first box titled "Major," type "Agricultural Animal Science," "Animal Science," or "Animal Health." Then click the button at the bottom "View Matching Campuses" for a list. It will not be necessary to fill in all the other boxes. Further research will be required for specific programs of study that align with the pathway. <a href="http://www.gacollege411.org/Select/MatchAsst/default.asp">http://www.gacollege411.org/Select/MatchAsst/default.asp</a>
	Political Science (1/2 unit)	World History	United States History	Economics (1/2 unit)		
<b>Required Courses</b> PE (1/2 unit), Health (1/2 unit), Computer Technology and/or Fine Arts and/or Technology Career and/or Foreign Language (1 unit), Foreign Language (2 units in same language) for CP/CP+ diplomas			<b>Recommended career pathway sequence of courses:</b> (Student must complete 3 units in the selected pathway and 1 related unit or 4 units in the selected pathway to receive T/C diploma seal) 02.47100 Basic Agricultural Science and Technology (AG – BAS) 02.42100 Animal Science Technology/Biotechnology (AG-ASB) 01.43200 Agricultural Animal Production and Management (AG-APM)		Associate Degree and Diploma Programs <a href="https://kms.dtae.org/portal/reports/ApprovedPrograms/diplomaAP.asp">https://kms.dtae.org/portal/reports/ApprovedPrograms/diplomaAP.asp</a>  Certificate Programs (short training programs from one to four quarters in preparation for employment) <a href="https://kms.dtae.org/portal/reports/ApprovedPrograms/certificateAP.asp">https://kms.dtae.org/portal/reports/ApprovedPrograms/certificateAP.asp</a>	
			<b>CAREER PATHWAY RELATED COURSES (choose one):</b> 02.42200 Equine Science (AG-ES)			



\*\*dual seal elective/distinction core

Career Enhancement Options	Career-Related Education Activities	Possible postsecondary credit opportunities may include:	Other Postsecondary Opportunities:
	<input type="checkbox"/> Career Awareness <input type="checkbox"/> Career Exploration <input type="checkbox"/> Instructional Related <input type="checkbox"/> Connecting <input type="checkbox"/> Work-based Learning <ul style="list-style-type: none"> <li>• Employability Skill Dev.</li> <li>• Cooperative Education</li> <li>• Internship</li> <li>• Youth Apprenticeship</li> <li>• Clinicals</li> </ul>	<ul style="list-style-type: none"> <li>• *Advanced Placement</li> <li>• *Articulated Credit (Technical Colleges)</li> <li>• *Dual Enrollment/ACCEL (Degree Programs)</li> <li>• *Dual Enrollment/HOPE (Certificate and Diplomas)</li> <li>• Joint Enrollment (postsecondary credit only)</li> </ul>	<p>*Postsecondary credit opportunities allow high school students to earn both college and high school credit simultaneously while in high school. Check with your counselor/advisor, and Education and Career Partnership program manager for more information regarding these opportunities and others, such as Early College which serves both middle and high school students.</p>

**The sample ANIMAL SCIENCE occupations listed below meet two out of three of GDOE definitions for high-demand, high-wage and high-skilled. [www.occsupplydemand.org](http://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
Biological Scientist	Bachelor Degree	\$61,984	30
Farm, Ranch, & Agricultural Manager	Bachelor Degree	\$56,285	180
Zoologist	Bachelor Degree	\$49,858	20

**Go to GACollege411 at [www.GACollege411.org](http://www.GACollege411.org) for more information about your education and career planning including valuable financial information (grants and scholarships including HOPE Program, loans, and FAFSA and CSS forms).**

Current GEORGIA Graduation Rule for 9 <sup>th</sup> grade/2002-2003 Areas of Study:	Dual Seal	Technology Career Seal	College Prep Seal	Technology Career Seal+	College Prep Seal+
English/Language Arts * (4 units)	4	4	4	4	4
Math* (3 for C/T or 4 units for C/P)	4	3	4	3	4
Social Studies* (3 units)	3	3	3	3	3
Science* (3 units)	3	3	3	3	3
Foreign Language* (2 units)	2	0	2	0	2
PE (1/2 unit)	½	½	½	½	½
Health (1/2 unit)	½	½	½	½	½
Computer Technology and/or Foreign Language and/or Technology Career and/or Fine Arts (1 unit)	1	1	1	1	1
***Technology Career: 3 units in a selected pathway and 1 unit in a related pathway (4 units)	4	4	0	4	0
Locally required or elective units	0	3**	4	4**	4
State electives from Core (*) Areas and/or Fine Arts				1	2
Total	22	22	22	24	24

\*Core courses

\*\*Technology Career students may want to utilize elective units in Foreign Language or as a fourth unit of Math depending on the student's intentions upon graduation to continue their education. Go to [www.GACollege411.org](http://www.GACollege411.org) for more information.

\*\*\*Technology Career includes JROTC

## ANIMAL SCIENCE

Animal scientists conduct research to develop better ways to produce and process