



Dr. John D. Barge, State School Superintendent  
"Making Education Work for All Georgians"

# Student Plan of Study – Nutrition & Food Science

Name \_\_\_\_\_ Date \_\_\_\_\_ School \_\_\_\_\_

Parent/Guardian Signature \_\_\_\_\_ Date \_\_\_\_\_ Advisor/Counselor Signature \_\_\_\_\_ Date \_\_\_\_\_

*Current Area of Interest: **Human Services/Nutrition & Food Science** - This PLAN OF STUDY should serve as a guide for the next four years. **Courses listed in this plan are only recommended coursework and should be individualized to meet each student's educational and career goals. All plans will meet minimum high school graduation requirements.** Applicants to University System of Georgia and the Technical College System of Georgia institutions should be advised that meeting minimum requirements will not guarantee admission. Postsecondary institutions may set additional requirements.*

**Human Services**

Grade Level	I. English/Language Arts Total 4 credits	II. Math Total 4 credits	III. Science Total 4 credits	IV. Social Studies Total 3 credits	V. Health/Personal Fitness Total 1 credit	VII. Possible electives in additional pathways (students should check the local course description catalog for these and other electives) Total 4 credits
9	9 <sup>th</sup> Literature & Composition or Dual Enrollment  1 credit  Credit Earned <input type="checkbox"/>	*1 CCGPS Cord Alg 2 CCGPS Analytic Geom 3 CCGPS Accel Cord Alg/Analytic Geom 4 CCGPS Accel Analytic Geom B/Adv Alg 1 credit  Credit Earned <input type="checkbox"/>	*Biology or Dual Enrollment  1 credit  Credit Earned <input type="checkbox"/>	American Government/Civics or AP Government/ Politics US or Dual Enrollment  ½ credit  Credit Earned <input type="checkbox"/>	Health ½ credit Credit Earned <input type="checkbox"/> Personal Fitness ½ credit Credit Earned <input type="checkbox"/> <b>*** VI. CTAE Pathway Total 3 credits</b>	<b>Advanced Academic Pathways</b> English/Language Arts, Math, Science, Social Studies  An advanced academic pathway may be followed in any one of the content subjects listed above. Upon graduation, students earn an advanced academic pathway when they complete the required coursework to include at least one AP or one IB or one <a href="#">Dual Enrollment</a> course. An advanced academic pathway should also include at least two credits in one world language. AP, Dual Enrollment and <a href="#">Georgia Virtual School</a> courses may be available.
10	10 <sup>th</sup> Literature & Composition or World Literature & Composition or Dual Enrollment  1 credit  Credit Earned <input type="checkbox"/>	*1 CCGPS Analytic Geom 2 CCGPS Adv Algebra 3 Accel Analytic Geom/Adv Alg 4 CCGPS Pre-Calculus  1 credit  Credit Earned <input type="checkbox"/>	*Physical Science or Physics or Dual Enrollment  1 credit  Credit Earned <input type="checkbox"/>	World History or AP World History or Dual Enrollment  1 credit  Credit Earned <input type="checkbox"/>	20.41610 Foods, Nutrition & Wellness or Dual Enrollment  1 credit  Credit Earned <input type="checkbox"/>	<b>World Language Pathways</b> **2 credits required for admissions to University System Institutions For a listing of world language courses offered at your high school, please check with your advisor, counselor, or local course description catalog. A world language pathway may be followed in any of the world language areas included in the state list of approved courses. Upon graduation, students earn a world language pathway when they complete 3 units in one language. The third course may reflect an AP, IB or <a href="#">Dual Enrollment</a> designation. <a href="#">Georgia Virtual School</a> and ACCEL courses may be available.
11	American Literature/ Composition or AP English Language & Composition/American Lit or Dual Enrollment 1 credit  Credit Earned <input type="checkbox"/>	*1 CCGPS Adv Alg 2 CCGPS Pre-Calculus 3 CCGPS Accel Pre-Cal 4 CCGPS Cal or AP Cal  1 credit  Credit Earned <input type="checkbox"/>	*Chemistry or Environmental Science or Earth Systems or AP/IB or Dual Enrollment 1 credit  Credit Earned <input type="checkbox"/>	United States History or AP US History or IB History of the Americas or Dual Enrollment  1 credit  Credit Earned <input type="checkbox"/>	<b>****Proposed course Food for Life or Dual Enrollment</b>  1 credit  Credit Earned <input type="checkbox"/>	<b>Fine Arts/Performing Arts Pathways</b> Visual Arts, Dance, Music, Journalism, Theatre  A fine arts pathway may be followed in any one of the five areas listed above. Upon graduation, students complete a fine arts/performing arts pathway when three courses have been successfully completed in any one of the five areas. A student should consult a counselor or advisor for related coursework. AP, <a href="#">Dual Enrollment</a> and <a href="#">Georgia Virtual School</a> courses may be available.
At the end of the 11 <sup>th</sup> grade, students planning to enter a University System of Georgia Institution or Technical College System of Georgia Institution should take the appropriate admissions test (SAT, ACT, Compass).						Legend:
12	Advanced Composition or British Literature or AP English Literature & Composition or Dual Enrollment  1 credit  Credit Earned <input type="checkbox"/>	CCGPS Pre-Cal or Calculus or AP Cal or AP Stats or IB Math or Dual Enrollment  1 credit  Credit Earned <input type="checkbox"/>	Any other of the previous courses or Hum Anatomy and Physi or Dual Enrollment 1 credit  Credit Earned <input type="checkbox"/>	Econ/Business/Free Enterprise or AP Macro Econ or AP Micro Econ or IB Econ or Dual Enrollment  ½ credit  Credit Earned <input type="checkbox"/>	<b>****Proposed course Food Science or Dual Enrollment</b>  1 credit  Credit Earned <input type="checkbox"/>	*Science: Approved <a href="#">4th Sciences</a> may be used to meet both the required science and required elective in a Career, Technical and Agricultural Education (CTAE) sequence of courses; see Fourth Science Requirements for more information. Student may take science courses in any sequence. *Math: Select Math sequence 1, 2, 3, 4, based on 9 <sup>th</sup> grade entry course. **Students must complete 2 years (2 credits) of the same world language for admission to University System of Georgia institutions. *** Students should complete a CTAE pathway and take the related end of pathway assessment. <b>****Proposed courses are under development and review.</b>
Sample Elective Courses	<u>Other English Elective Courses:</u> Literary Types/Composition Journalism Oral/Written Communication Speech	<u>Other Math Elective Courses:</u> Adv Math Decision Making Math of Ind & Govern Math of Finance	<u>Other Science Elective Courses:</u> Organic Chemistry or Biochemistry Scientific Research III or IV	<u>Other Social Studies Elective Courses:</u> Humanities Current Issues Sociology	<u>Other CTAE Elective Courses:</u> AP and Georgia Virtual School may be available for CTAE courses	NOTE: All courses do not follow the same sequence at the local level; not all local systems offer every pathway. Students should explore all credit possibilities including <a href="#">Georgia's Virtual School Program</a> , <a href="#">Dual Enrollment</a> , Advanced Placement (AP), International Baccalaureate (IB) and Work-Based Learning (WBL) to reach their educational and career goals.

SAMPLE Pathway OCCUPATIONS			
See * <a href="#">Georgia's HOT Careers to 2020</a> for more information on high-skilled, high-wage and high-demand occupations.			
Occupation Specialties	Entry Level of Education Needed	2012 Annual Wage	Annual Openings 2012-2020
Food Service Managers	High School	\$48,000	340
Dietitians & Nutritionists	Bachelor's Degree	\$50,000	80
Food Scientist & Technologists	Bachelor's Degree	\$47,900	10

Source: Georgia Department of Labor/ONET

Go to GAcademy411 at <http://www.GAcademy411.org> for more information about your education and career planning, including valuable financial aid information that includes grants and scholarships.

**** <a href="#">Current Georgia Graduation Rule</a>			
Coursework	Credits	Coursework	Credits
I. English/Language Arts	4	V. Health & Physical Education	1
II. Math	4	VI. **Career, Technical & Agricultural Education and/or ***World Languages, and or Fine Arts	3
III. *Science	4	VII. Electives	4
IV. Social Studies	3	<b>TOTAL</b>	<b>23</b>

\*Selected [4th Science](#) courses may be used to meet both the required science and required elective in CTAE sequence of courses.  
 \*\*Students must complete 3 credits to complete CTAE pathway and take the end of pathway assessment.  
 \*\*\*Students must complete 2 years of the same world language for admission to Georgia Board of Regents colleges/universities.  
 \*\*\*\* Current graduation requirements should be met in all content areas.  
 NOTE: This plan represents minimum graduation requirements. Local systems may require additional coursework.

**Postsecondary Transition:**

- Students who will continue their education in a Program of Study at one of University System of Georgia institutions should prepare to take the ACT or SAT for admissions. Admission's testing varies from institution to institution. Students should contact the selected institution for specific testing information. Additional admissions information can be found at [Staying On Course](http://www.usg.edu/student_affairs/documents/Staying_on_Course.pdf). ( [www.usg.edu/student\\_affairs/documents/Staying\\_on\\_Course.pdf](http://www.usg.edu/student_affairs/documents/Staying_on_Course.pdf) )
- Students who will continue their education in a Program of Study at one of Georgia's Technical Colleges should prepare to take the COMPASS test for admissions.
- Students who will continue their education and training in the US Military should take the ASVAB assessment.
- Students should utilize [GAcademy411](#) to select the most appropriate postsecondary opportunities including registered apprenticeships to match their selected career field.
- Students can earn both high school and postsecondary credit while in high school. Georgia has multiple [dual enrollment](#) programs, including ACCEL, AP, IB, Dual Hope, Move On When Ready and Articulation.

**Possible Student Pathway Credentialing Opportunities:**

- NRAEF – ServSafe
- AAFA – Nutrition & Wellness Assessment and Certification

<p><b>*Related Pathway Occupations:</b></p> <ul style="list-style-type: none"> <li>Dietitians &amp; Nutritionists</li> <li>Food Scientist &amp; Technologists</li> <li>Dietetic Technicians</li> <li>Fitness &amp; Wellness Coordinators</li> <li>Food Service Managers</li> </ul>	<p><b>Other Related Human Services Occupations:</b></p> <ul style="list-style-type: none"> <li>Personal Care Aides</li> </ul>
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\*ONET Online

**Nutrition & Food Science**

Those working in the nutrition and food sciences field help people lead healthier lives through a balanced diet. These people plan food and nutrition programs and supervise the preparation and serving of meals. They help prevent and treat illnesses by promoting healthy-eating habits and by recommending dietary modifications. Other job opportunities in this field include managing food service systems for institutions, such as hospitals and schools; and promoting sound eating habits through education and conducting research. Food scientists analyze food to determine what causes it to break down or spoil. They focus on the safe preservation and processing of food, as well as the nutritional value.

Dieticians and nutritionists need at least a bachelor's degree in dietetics, foods and nutrition, food service systems management or a related area. Those interested in research, advanced clinical positions or public health may need an advanced degree. Licensure varies by states, but 31 states do require licensure of dieticians.

Nutrition jobs are found in hospitals, nursing care facilities, outpatient care facilities, offices of physicians and other health practitioners, correctional facilities, health departments and other health-related areas.

Employment in this field is expected to grow faster than average through 2020, as a result of the increasing emphasis on disease prevention through improved dietary habits. A growing and aging population will increase the demand for meals and nutritional counseling in hospitals, residential care facilities, schools, prisons, community health programs and home health care agencies.