

PROGRAM OF STUDY: Nutrition and Food Science



This Program of Study may serve as a graduation guide for the next four plus years, along with other career planning and educational materials. Courses listed in this model may include recommended coursework and should be individualized to students' educational and career goals. Each graduation plan needs to meet minimum high school graduation requirements. Dual Enrollment courses can be high school academic and/or career technical education courses.

	SECONDARY:					POSTSECONDARY:						
COURSE/ GRADE	NINTH	TENTH	ELEVENTH	TWELFTH		TCC	DIPLOMA OR AAS	ASSOCIATES OF SCIENCE				
ENGLISH	9 th grade Lit/ Composition	10 th grade Lit/ Composition	American Lit/ Composition	World Lit/ Composition / British Lit	Entrance/Exit Point	PC51 Prep Cook Certificate CNG1 Culinary Nutrition Manager Certificate	Entrance/Exit Point	The University System of Georgia offers students' higher education options at 30 institutions throughout the state, providing a wide range of academic programming including certificates and associate, baccalaureate, masters, doctoral and professional degrees. https://apps.ds.usg.edu/ords/?p=118:1:0				
MATHEMATICS	Coordinate Algebra / Algebra I	Analytic Geometry / Geometry	Advanced Algebra / Algebra II	Pre-calculus								
SCIENCE	Physical Science	Biology	Chemistry	Physics								
SOCIAL STUDIES	World History	Psychology	US History	Government (½ unit) Economics (½ unit)								
PATHWAY COMPLETER	Food, Nutrition and Wellness	Food for Life	Food Science	Another course in focus area, Work-Based Learning, or Youth Apprenticeship								
Industry Recognized Credential (Pathway Completer)		Visit the End of Pathway Assessment Page (see note below)							Find the campus for the TCC options		Find the campus for the Diploma, Degree options	
Required/ Selective Electives	Health & Personal Fitness (can be taken in grades 9-12)	Introduction to Culinary Arts	AP Biology	Financial Literacy								
	Modern Language/Latin 2 units required for admissions to Georgia University System Colleges/Universities For a listing of Modern Language/Latin courses offered at your high school, please contact your advisor, counselor, or curriculum handbook.		Other Electives For a listing of other elective courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.									

NOTE: Students have many options to **ENTER** and **EXIT** from their academic studies into the workforce. When a student graduates from high school, they are eligible to choose one of many **ENTRANCE POINT** options: **1.** Enroll in either a 2 or 4 year post-secondary program; **2.** Enroll in an apprenticeship program or the military; or **3.** Enter the workforce using technical skills learned in high school. When a student finishes a 2- or 4-year degree program, they may choose to **EXIT** and **1.** Enroll in an apprenticeship program or the military; **2.** Enroll in a professional university degree program; or **3.** Enter the workforce using technical skills learned.

Nutrition and Food Science Career Pathway Completers - Industry Credentialing for High School Students
 Upon completion of sequenced courses in the Nutrition and Food Science Pathway, students are eligible to complete the Industry-Recognized student credential for fulfillment of the End of Pathway Assessment. Secondary students completing the Nutrition and Food Science pathway will be able to sit for the National Industry Credentialed assessment offered on-line from ServSafe or AAFCS. Once mastery is reached, students will receive recognition for completion and use this credential in conjunction with their job or continuing training. For specific assessment information, refer to: <http://bit.ly/GAHumanServices>.

Sample In Demand Careers in Georgia

Occupation Specialties	Level of Education Needed	Georgia Average Salary	Annual Average Openings in Georgia	2014 – 2024 Employment Outlook
Food Service Managers	High School Diploma, Some College	\$50,162	1,381	In Demand, High Skill
Dietitians & Nutritionists	Post Baccalaureate Certificate	\$52,509	153	In Demand, High Skill
Food Scientists & Technologists	Bachelor's Degree	\$58,660	85	In Demand, High Skill
Fitness and Wellness Coordinators	Bachelor's Degree	\$88,112	244	High Skill, In Demand

[Data link here.](#)

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

Career Enhancement Opportunities	Career-Related Education Activities <ul style="list-style-type: none"> • Career Awareness • Career Exploration • Instructional Related • Connecting <ul style="list-style-type: none"> • Work-Based Learning • Employability Skill Dev. • Cooperative Education • Internship • Youth Apprenticeship • Clinicals 	Postsecondary Options: <ul style="list-style-type: none"> • 4-Year Universities/Colleges • 2-Year Colleges • Technical Colleges • State Registered Apprenticeships • Special Purpose Schools • On-the-Job Training • Military 	Earning Postsecondary Credits While in High School <ul style="list-style-type: none"> • Dual Enrollment Program • Earn postsecondary credit while in high school • You can complete <ul style="list-style-type: none"> • Industry Credential • Technical Certificate of Credit (TCC) • Associates of Applied Science Degree • Bachelor's Degree • Who can help? <ul style="list-style-type: none"> • Parents • School Counselor • Advisor
	Postsecondary Transition <ul style="list-style-type: none"> • University System of Georgia Institutions: Admissions Testing <ul style="list-style-type: none"> • ACT or SAT • For More Information: <ul style="list-style-type: none"> • Contact the institution of your choice OR • Technical College System of Georgia <ul style="list-style-type: none"> • Placement Exam • United States Military <ul style="list-style-type: none"> • ASVAB Assessment • Use BRIDGE Law platform to inform decisions on postsecondary opportunities • Dual Enrollment <ul style="list-style-type: none"> • Earning high school course credits while taking college courses 		
Related Pathway Occupations		Other Related Occupations	
<ul style="list-style-type: none"> <li style="width: 50%;">• Dietitians & Nutritionists <li style="width: 50%;">• Food Scientist & Technologists <li style="width: 50%;">• Dietetic Technicians <li style="width: 50%;">• Fitness & Wellness Coordinators <li style="width: 50%;">• Food Service Managers 		<ul style="list-style-type: none"> • Personal Care Aides 	
*ONET Online			

Nutrition and Food Science Pathway Description

Those working in the food and nutrition 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 2026, 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.