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.

<table>
<thead>
<tr>
<th>COURSE/ GRADE</th>
<th>SECONDARY:</th>
<th>POSTSECONDARY:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NINTH</td>
<td>TENTH</td>
</tr>
<tr>
<td>ENGLISH</td>
<td>9th grade Lit/ Composition</td>
<td>10th grade Lit/ Composition</td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>Coordinate Algebra / Algebra I</td>
<td>Analytic Geometry / Geometry</td>
</tr>
<tr>
<td>SCIENCE</td>
<td>Physical Science</td>
<td>Biology</td>
</tr>
<tr>
<td>SOCIAL STUDIES</td>
<td>World History</td>
<td>Psychology</td>
</tr>
<tr>
<td>PATHWAY COMPLETER</td>
<td>Food, Nutrition and Wellness</td>
<td>Food for Life</td>
</tr>
<tr>
<td>Industry Recognized Credential (Pathway Completer)</td>
<td>Visit the End of Pathway Assessment Page (see note below)</td>
<td></td>
</tr>
<tr>
<td>Required/ Selective Electives</td>
<td>Health &amp; Personal Fitness (can be taken in grades 9-12)</td>
<td>Introduction to Culinary Arts</td>
</tr>
<tr>
<td>Modern Language/Latin</td>
<td>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.</td>
<td>Other Electives For a listing of other elective courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.</td>
</tr>
</tbody>
</table>

**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.
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.

### Sample In Demand Careers in Georgia

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

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).

### Nutrition and Food Science Pathway Description

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### Career-Related Education Activities
- Career Awareness
- Career Exploration
- Instructional Related
- Connecting
- Work-Based Learning
- Employability Skill Dev.
- Cooperative Education
- Internship
- Youth Apprenticeship
- Clinicals

### Postsecondary Options:
- 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
- Dual Enrollment Program
- Earn postsecondary credit while in high school
- You can complete
- Industry Credential
- Technical Certificate of Credit (TCC)
- Associates of Applied Science Degree
- Bachelor’s Degree
- Who can help?
  - Parents
  - School Counselor
  - Advisor

### Related Pathway Occupations
- Dietitians & Nutritionists
- Food Scientist & Technologists
- Dietetic Technicians
- Fitness & Wellness Coordinators
- Food Service Managers

### Other Related Occupations
- Personal Care Aides

*ONET Online*