

# Student Plan of Study – Therapeutic Services - Public Health



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

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

*Current Area of Interest: **Health Science/Therapeutic Services - Public Health** - 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 the 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.*

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 Approved Dual Enrollment Course  1 credit Credit Earned <input type="checkbox"/>	1 CCGPS Cord Algebra 2 CCGPS Analytic Geometry 3 CCGPS Accel Cord Algebra/Analytic Geometry 4 CCGPS Accel Analytic Geometry B/Adv. Algebra 1 credit * Credit Earned <input type="checkbox"/>	Biology or Approved Dual Enrollment Course  1 credit * Credit Earned <input type="checkbox"/>	American Government/Civics or AP Government/ Politics US or Approved Dual Enrollment Course  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 <sup>th</sup> Literature & Composition or World Literature & Composition or Approved Dual Enrollment Course  1 credit  Credit Earned <input type="checkbox"/>	1 CCGPS Analytic Geometry 2 CCGPS Adv Algebra 3 CCGPS Accel Analytic Geometry/Adv. Algebra 4 CCGPS Pre-Calculus 1 credit *  Credit Earned <input type="checkbox"/>	Physical Science or Physics or AP Physics or Approved Dual Enrollment Course  1 credit *  Credit Earned <input type="checkbox"/>	World History or AP World History or Approved Dual Enrollment Course  1 credit  Credit Earned <input type="checkbox"/>	25.52100 Intro to Healthcare Science or Approved Dual Enrollment Course  1 credit  Credit Earned <input type="checkbox"/>		<b>World Language Pathways</b>  **Two credits are 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 three credits 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 <sup>th</sup> American Literature/Composition or AP English Language & Composition/American Lit or Approved Dual Enrollment Course 1 credit Credit Earned <input type="checkbox"/>	1 CCGPS Adv. Algebra 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 Approved Dual Enrollment Course 1 credit * Credit Earned <input type="checkbox"/>	United States History or AP US History or IB History of the Americas or Approved Dual Enrollment Course  1 credit Credit Earned <input type="checkbox"/>	25.44000 Essentials of Healthcare or Approved Dual Enrollment Course  1 credit Credit Earned <input type="checkbox"/>		
<b>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).</b>						<b>Legend:</b> *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 two 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.	
12 <sup>th</sup> Advanced Composition or British Literature or AP/IB English Literature & Composition or Approved Dual Enrollment Course  1 credit Credit Earned <input type="checkbox"/>	CCGPS Pre-Cal or Calculus or AP Calculus or AP Stats or IB Math or Approved Dual Enrollment Course  1 credit * Credit Earned <input type="checkbox"/>	Any other previous courses or Hum Anatomy & Physics or Epidemiology or Approved Dual Enrollment Course 1 credit * Credit Earned <input type="checkbox"/>	Econ/Business/Free Enterprise or AP Macro Econ or AP Micro Econ or IB Econ or Approved Dual Enrollment Course  ½ credit Credit Earned <input type="checkbox"/>	25.45200 Applications of Public Health or Approved Dual Enrollment Course  1 credit Credit Earned <input type="checkbox"/>	NOTE: Local systems may offer core courses in a different sequence; 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 Elective Courses <b>Other English Elective Courses:</b> Literary Types/Composition Journalism Oral/Written Communication Speech	<b>Other Math Elective Courses:</b> Adv Math Decision Making Math of Ind & Govern Math of Finance	<b>Other Science Elective Courses:</b> Microbiology or AP/IB Science or Biochemistry or Organic Chemistry or Scientific Res III or IV	<b>Other Social Studies Elective Courses:</b> Current Issues or AP/IB Soc Studies or Psychology or Sociology or Humanities	<b>Other CTAE Elective Courses:</b> Other CTAE courses are available to complete a related pathway			

**Health Science**

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
Healthcare Social Workers	Bachelor's Degree	\$44,600	200
Community Health Workers	Bachelor's Degree	\$30,200	70
Epidemiologists	Advanced Degree	\$59,900	Georgia N/A

Source: Georgia Department of Labor/ONET

<p><b>*Related Pathway Occupations:</b>                  Community Health Workers                  Environmental Science &amp; Protection Technicians, including Health                  Healthcare Social Workers                  Epidemiologists</p>	<p><b>Other Related Health Science Occupations:</b>                  Registered Nurses                  Health Educators                  Physician's Assistants</p> <p style="text-align: right;">*ONET Online</p>
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For more information about your education and career planning, including valuable financial aid information that includes grants and scholarships, see your school counselor.			
*** <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>
<p>*Selected <a href="#">4th Science</a> courses may be used to meet both the required science and required elective in a CTAE sequence of courses.                      **Students must complete three credits to complete a CTAE pathway and take the end of pathway assessment.                      ***Students must complete two credits 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.</p>			

Postsecondary Transition:
<ul style="list-style-type: none"> <li>Students who will continue their education in a Program of Study at one of the University System of Georgia institutions should prepare to take the ACT or SAT for admissions. Tests for admissions may vary from institution to institution. Contact the selected institution for specific testing information. Additional admissions information can be found at Staying On Course. (<a href="http://www.usg.edu/student_affairs/documents/Staying_on_Course.pdf">www.usg.edu/student_affairs/documents/Staying_on_Course.pdf</a>)</li> <li>Students who will continue their education in a Program of Study at one of the Technical College System of Georgia institutions should prepare to take the COMPASS test for admissions.</li> <li>Students who will continue their education and training in the US Military should take the ASVAB assessment.</li> <li>Students should utilize electronic college and career databases to select the most appropriate postsecondary opportunities to match their selected career field, including registered apprenticeships.</li> <li>Georgia's dual-credit programs have been combined into one program entitled Move on When Ready, in which high school students may earn their high school course credits while taking college courses.</li> </ul>

Possible Student Pathway Credentialing Opportunities:
<p>Students completing a pathway are eligible to take a Credentialing/End of Pathway Assessment (EOPA) upon successful completion of the three required courses in the pathway. For specific assessment information, refer to <a href="http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/CTAE-Georgia-Assessments.aspx">http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/CTAE-Georgia-Assessments.aspx</a>.</p>

Therapeutic Services - Public Health
<p>Careers in the Therapeutic Services pathway are focused primarily on changing the health status of the patient over time. Health professionals in this pathway work directly with patients and may provide care, treatment, counseling and health education information. National labor market information indicates that eight out of the top twenty fastest-growing occupations are in the Health Science industry. (OOH)</p> <p>Based on an aging population and a retiring workforce, the demand for health care workers will remain high through 2020. As the role of careers in Therapeutic Services change, professionals in this pathway will find increased opportunities to work independently. Additionally, an increasing number of career opportunities are becoming available outside of the traditional hospital setting.</p> <p>Educational levels vary from occupation to occupation. Most Health Science occupations require additional education after high school and require that potential employees acquire the appropriate certification and/or licensing.</p> <p>Workers in the Health Sciences industry must have a solid background in math, science, communications, and technical skills, be knowledgeable in their subject area, have the ability to communicate with others, and inspire trust and confidence.</p> <p>The Health Sciences Occupations represent the largest and fastest-growing industry in the United States employing over 10 million workers in more than 200 careers.</p> <p>Public Health is the science of protecting and improving the health of communities through education, promotion of healthy lifestyles, and research for disease and injury prevention. Public health professionals analyze the effect on health of genetics, personal choice and the environment in order to develop programs that protect the health of your family and community.</p> <p>Although the field of public health is highly varied, the following represents some of the primary areas: Behavioral Science/Health Education, Biostatistics, Emergency Medical Services, Environmental Health, Epidemiology, Health Services Administration/Management. Because of an aging population and the renewed emphasis on preventive health, employment in the public health field will be favorable.</p>