



Peach State Pathways: Program of Study

Healthcare Science

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 Pathways Graduation Rules for 9th grade enrolling 2008-2019	I. English Language Arts (4 units)	II. Mathematics (4 units)	III. Science (4 units)	IV. Social Studies (3 units)	V. Required Electives (3 units) CTAE and/or Modern Language/Latin and/or Fine Arts	VI. Health & Physical Edu (1 unit)
	English 9 English 10 English 11 English 12 AP Lit and Comp AP Lang and Comp IB English SL (Am Lit) IB English HL (World Lit)	Math 1 Math 2 Math 3 Math 4 OR Accelerated Math 1 Accelerated Math 2 Accelerated Math 3	Biology Physical Science OR Physics Chemistry OR Environmental Science OR Earth Systems OR an AP/IB course	Am Gov/Civics (1/2 unit) World History US History Economics (1/2 unit)	Career Pathway Sequence of Courses: 25.52100 Introduction to Healthcare Science 25.59100 Medical Terminology in Healthcare Systems 25.59200 Applications of Health Informatics CAREER PATHWAY RELATED COURSES: 25.59400 Health Information Technology Internship	Health & Personal Fitness
	Sample Additional English Courses: Literary Types/Composition Oral/Written Communication	Sample Additional Math Courses: TBA	Sample Additional Science Courses: Microbiology Environmental Science AP Environmental Science Aviation Meteorology Astrophysics	Sample Additional Social Studies Courses: Current Issues The Humanities Technology and Society Psychology Sociology	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 check with your advisor, counselor, or curriculum handbook.	Sample Additional Health & PE courses: Team Sports Rec Games Aerobics
					Fine Arts Visual Arts Performing Arts For a listing of Fine Arts courses offered at your high school, please check with your advisor, counselor or curriculum handbook.	
				VII. Other Electives (4 units) For a listing of other elective courses offered at your high school, please consult your advisor, counselor, or curriculum handbook.		
Career Enhancement Opportunities	Career-Related Education Activities <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"> • 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 		Possible postsecondary credit opportunities may include: <ul style="list-style-type: none"> • *Advanced Placement • *Articulated Credit (Technical Colleges) • *Dual Enrollment/ACCEL (Degree Programs) • *Dual Enrollment/HOPE (Certificate and Diplomas) • Joint Enrollment (postsecondary credit only) <p><small>*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.</small></p>	

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

Current GEORGIA Graduation Rule for student entering the 9 th grade in fall of 2008-2009 Areas of Study:	Credits	Postsecondary Programs of Study Technical College	Postsecondary Programs of Study University of Georgia System
I. English/Language Arts	4	<p>Select the following link for a list of Technical College System of Georgia (TCSG) institutions offering programs in Health Informatics.. Each technical college varies in the specific degrees (AAS), diplomas, and certificates offered.</p> <p>https://kms.dtae.org/portal/tcsg/TCSGProgramOfferings.aspx</p> <p>Step 1: Use the drop-down box to select the term you plan to enter a TCSG institution;</p> <p>Step 2: From the Specific Program drop-down box select Health Information Technology, Medical Office Management, Medical Office Terminology, or Medical Transcription.</p> <p>You can then view a list of TCSG institutions that offer this program as well as the specific campus and awards (degree, diploma, or certificate) offered.</p>	<p>The following link will list Board of Regents institutions offering degrees in Health Informatics. In the first box titled "Major," type "Healthcare Administration/Management" or "Health Information Administration/Management." 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 and coursework that align with the pathway.</p> <p>http://www.gacollege411.org/Select/MatchAsst/default.asp</p>
II. Math	4		
III. *Science	4		
IV. Social Studies	3		
V. **Career, Technical and Agricultural Education (CTAE), and/or Modern Language/Latin, and/or Fine Arts	3		
VI. Health & Physical Education	1		
VII. Electives (4 units)	4		
TOTAL UNITS	23		
<p>* 4th Science may be used to meet both the required science and required elective in CTAE sequence of courses (V)</p> <p>**Student <u>must</u> complete 3 units in a pathway to complete CTAE pathway and take end of pathway assessment. Student <u>must</u> complete 2 years of the same Modern Language/Latin for admission to Georgia Board of Regents colleges/universities.</p>			

The sample HEALTH INFORMATICS PATHWAY occupations listed below meet two out of three of GOOE definitions for high-demand, high-wage and high-skilled. www.occsupplydemand.org

Occupation Specialties	Level of Education Needed	Average Salary	Annual Average Openings in Georgia
Medical Secretary	Postsecondary Vocational Training	\$26,5312	180
Medical Transcriptionist	Postsecondary Vocational Training	\$30,514	130
Medical Records & Health Information Technician	Associate Degree	\$28,870	180
Medical and Health Services Manager	Bachelor Degree plus Work Experience	\$73,486	330

HEALTH INFORMATICS

Those working in health informatics are skilled professionals who understand both the healthcare and information technology environments. Health informatics is a broad field that covers areas such as electronic medical records, access to knowledge-based information and digital libraries, digital imaging systems, telemedicine, clinical decision support, and health policy and decision making. Those employed in health informatics work closely with a variety of health professional teams and can find job opportunities in hospitals and other healthcare providers, pharmaceutical companies, medical software companies, consulting companies, public health organizations, government and non-governmental agencies, insurance companies, and academia.

People interested in this field should be able to analyze medical information and be able to communicate that information as medical knowledge. Job openings in this field are expected to be excellent. The best job prospects will be those from a clinical background who have had some formal health informatics training with some clinical experience. Those with computer science degrees who are interested in this field will most likely need some form of postgraduate training in health informatics. Some areas of health informatics do not require post graduate training. These areas, such as medical coding and medical transcription, do require a strong understanding of medical terminology.

For more information, visit the following websites:
 American Medical Informatics Association, www.amia.org
www.GACollege411.org
www.dol.state.ga.us