



Diagnostic Services Pathway

Health Science Career Cluster



This Program of Study plan should serve as a guide in the development of secondary and post-secondary course planning for students. Courses listed within this plan are only recommended and are indicative of the courses needed to complete a Program of Study. The following items need to be considered:

- Courses in the arts and humanities are valued by post-secondary institutions for their cognitive benefits and in communicating and expressing the ideas and emotions of the human spirit.
- Post-secondary institutions have varying course requirements for admission including World Languages.

High School	Grade	English	Math	Science	Social Studies	Other Required Courses	Pathway Electives Recommended	Credit Review	
	Required Credits	4.0	3.0	3.0	3.0	2.0	Recommended Sequence for Pathway (<i>may adjust yearly as needed</i>) [Minimum– 8.5 elective credits needed for graduation]	Grade	Graduation Credit Requirements
	Grade 9	<ul style="list-style-type: none"> English 9 (1.0) -OR- Enriched English 9 (1.0) 	<ul style="list-style-type: none"> Algebra I (1.0) 	<ul style="list-style-type: none"> Earth Science (0.5) 	<ul style="list-style-type: none"> US History (0.5) 	<ul style="list-style-type: none"> Level I Physical Education (0.5) Health 9 (0.5) 	<ul style="list-style-type: none"> Health Science Occupations (0.5) 	<ul style="list-style-type: none"> 9-12 	4.0 Required <u>2.0</u> Elective 6.0 Total
	Grade 10	<ul style="list-style-type: none"> English 10 (1.0) -OR- Enriched English 10 (1.0) 	<ul style="list-style-type: none"> Geometry (1.0) -OR- Enriched Geometry (1.0) 	<ul style="list-style-type: none"> Biology (1.0) 	<ul style="list-style-type: none"> World Studies (1.0) -OR- AP European Studies (1.0) 	<ul style="list-style-type: none"> Level II Physical Education (0.5) 	<ul style="list-style-type: none"> Families First (0.5) 		4.5 Required <u>1.5</u> Elective 6.0 Total
	Grade 11	<ul style="list-style-type: none"> English 11 (1.0) -OR- AP Language & Composition (1.0) 	<ul style="list-style-type: none"> Algebra II & Trigonometry (1.0) -OR- Enriched Algebra II/Trigonometry (1.0) 	<ul style="list-style-type: none"> Chemistry (1.0) 	<ul style="list-style-type: none"> Government (0.5) -OR- AP United States Government and Politics (0.5) 	<ul style="list-style-type: none"> Level III Physical Education (0.5) 	<ul style="list-style-type: none"> Parents & Children (TC) (0.5) Medical Terminology (0.75) (YO at CVTC) 	<ul style="list-style-type: none"> 9-12 11-12 	4.0 Required <u>2.0</u> Elective 6.0 Total
	Grade 12	<ul style="list-style-type: none"> English 12 (1.0) -OR- AP Literature & Composition (1.0) 	<ul style="list-style-type: none"> See post-secondary education institution for math requirements. 	<ul style="list-style-type: none"> Biotechnology (0.75) (TC) Human Anatomy & Physiology (0.5) – <i>take during or after Medical Terminology</i> AP Biology (1.0) 	<ul style="list-style-type: none"> Sociology/Social Issues (0.5) AP Economics (0.5) -OR- Economics (0.5) 		<ul style="list-style-type: none"> Basic Nursing Assistant at CVTC (0.75) (YO at CVTC) 	<ul style="list-style-type: none"> 11-12 	2.5 Required <u>3.0</u> Elective 5.5 Total
		Course Code Key (see course catalog for further details)		28 Credits Possible		Other Related Courses and Activities (curricular, co-curricular, and extra-curricular)			
		AP Advanced Placement AS Advanced Standing TC Transcribed Credit YO Youth Options (0.5) Course is worth 0.5 credit (0.75) Course is worth 0.5 credit (non-TC) or 0.75 credit (TC) (1.0) Course is worth 1.0 credit		Required Grades 9-1215.0 Minimum Electives..... <u>8.5</u> Credits for Graduation23.5		<ul style="list-style-type: none"> World Languages through level III (1.0 each) American Sign Language I (1.0) AP Statistics (1.0) Microsoft Office Suite (TC) (0.5) Health Science Youth Apprenticeship (1.0) Psychology (0.5) -OR- AP Psychology (1.0) Physics (1.0) -OR- AP Physics: Mechanics (1.0) 			



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Advisement provided through Student Services office and post-secondary transfer credits determined by college admissions counselors.

Postsecondary credit transfer information also available at <http://www.uwsa.edu/tis>

Please visit the web site of institutions listed below for any program updates.

Post-Secondary Options	Baccalaureate Degree		Associate Degree Programs		Certificate/License
		<p><u>University of Wisconsin - Madison</u></p> <ul style="list-style-type: none"> Biochemistry Biology Genetics Microbiology Molecular Biology Radiology <p><u>University of Wisconsin – Eau Claire</u></p> <ul style="list-style-type: none"> Biochemistry/Molecular Biology Biology Pre-medicine program 	<p><u>University of Minnesota – Twin Cities</u></p> <ul style="list-style-type: none"> Biochemistry Biology Genetics, Cell Biology, and Development Microbiology 	<p><u>Chippewa Valley Technical College</u></p> <ul style="list-style-type: none"> Nanoscience Technology Radiography Diagnostic Medical Sonography Clinical Laboratory Technician 	<p><u>Chippewa Valley Technical College</u></p> <ul style="list-style-type: none"> Medical Assistant
	Adult Apprenticeship, On-the-Job Training or Other		Employment Options		
		<p><u>Careers</u></p> <ul style="list-style-type: none"> Cytogenetic Technologist Cytotechnologist Exercise Physiologist Geneticist Histotechnologist Medical Technologist/Clinical Laboratory Scientist Nutritionist Pathologist Radiologist 	<p><u>Baccalaureate Degree</u></p> <ul style="list-style-type: none"> Cytogenetic Technologist Cytotechnologist Exercise Physiologist Geneticist Histotechnologist Medical Technologist/Clinical Laboratory Scientist Nutritionist Pathologist Radiologist 	<p><u>Associate Degree</u></p> <ul style="list-style-type: none"> Cardiovascular Technologist Central Supply Technician Clinical Lab Technician Computer Tomography (CT) Technologist Diagnostic Medical Sonographer Electrocardiographic (ECG) Technician Histotechnician 	<p><u>Associate Degree (continued)</u></p> <ul style="list-style-type: none"> Magnetic Resonance (MR) Technologist Mammographer Nuclear Medicine Technologist Pathology Assistant Phlebotomist Positron Emission Tomography (PET) Technologist Radiologic Technologist/Radiographer