

# Career Plan of Study



## Pathway: Biotechnology Research & Development

Student Name \_\_\_\_\_

Date \_\_\_\_\_

Advisor Name \_\_\_\_\_

*This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each student's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.*

High School	9 <sup>th</sup> Grade		10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
	<b>LA</b>	9 <sup>th</sup> grade English	10 <sup>th</sup> grade English	11 <sup>th</sup> grade English	12 <sup>th</sup> grade English
	<b>Math</b>	IM 1, Geometry	IM 2 or Algebra 2	IM 4 or Pre Calc	IM 5, AP Math*
	<b>Sci.</b>	Physical Science	Biology	Chem. A or Chem. Other	Chem. II or Anatomy & Physiology
	<b>SS</b>	US History Comp	World History Overview	Mod US H or AP History*	Sociology
	<b>CAREER RELATED ELECTIVES</b> Computer Apps.	<b>CAREER RELATED ELECTIVES</b> Business Computer Apps*	<b>CAREER RELATED ELECTIVES</b> AP Statistics*, Physics II*, AP Biology*		
<b>OTHER COURSES HELPFUL IN PREPARING FOR THESE CAREERS</b> Any P.E., Latin II or above					
Post-Secondary	<b>ACE (BOCES)</b>		Take classes at Casper College while still in high school for dual credit. * <b>Dual credit classes offered at KW.</b>		
	<b>Community College</b>		<input type="checkbox"/> For Programs of Study and Majors in Wyoming schools, refer to the Wyoming Career Cluster Guides <input type="checkbox"/> For more information visit <a href="http://cis.intocareers.org">cis.intocareers.org</a>		
	<b>College/University</b>				
	<b>Technology Center</b>				
Career Enhancement Options	<b>Community-Based Learning Options</b>		<b>School-Based Activities</b> (Clubs, Student Vocational Org's, Sports, etc.)	<b>Occupations in this Pathway</b> See the Wyoming Career Cluster Guide for more jobs.	
	<input type="checkbox"/> Job-Shadowing <input type="checkbox"/> Internship/Mentorship <input type="checkbox"/> On-The-Job Training		<input type="checkbox"/> CPR/First Aid <input type="checkbox"/> Science Club <input type="checkbox"/> National Honor Society <input type="checkbox"/> NCSD Science Fair	<input type="checkbox"/> Biochemist <input type="checkbox"/> Cell Biologist <input type="checkbox"/> Geneticist <input type="checkbox"/> Lab Technician <input type="checkbox"/> Microbiologist <input type="checkbox"/> Molecular Biologist <input type="checkbox"/> Pharmaceutical Scientist <input type="checkbox"/> Research Assistant <input type="checkbox"/> Research Scientist <input type="checkbox"/> Toxicologist	

# Career Plan of Study



## Pathway: Diagnostic Services

Student Name \_\_\_\_\_ Date \_\_\_\_\_

Advisor Name \_\_\_\_\_

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High School	9 <sup>th</sup> Grade		10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
	<b>LA</b>	9 <sup>th</sup> grade English	10 <sup>th</sup> grade English	11 <sup>th</sup> grade English	12 <sup>th</sup> grade English
	<b>Math</b>	IM 1, Geometry	IM 2 or Algebra 2	IM 4 or Pre Calc	IM 5, AP Math*
	<b>Sci.</b>	Physical Science	Biology	Chem. A or Chem. Other	Anatomy & Physiology, Physiology, Chem AS
	<b>SS</b>	US History Comp	Mod US History	World Hist Overview or AP History*	Psychology
	<b>CAREER RELATED ELECTIVES</b> Computer Apps.	<b>CAREER RELATED ELECTIVES</b> Care of Athletes	<b>CAREER RELATED ELECTIVES</b> AP Statistics*, Child Development & Parenting, Child Development, Part Topics in Biology*, AP Biology*		
<b>OTHER COURSES HELPFUL IN PREPARING FOR THESE CAREERS</b> Any P.E., Latin level II or above, Business Computer Apps*					
Post-Secondary	<b>ACE (BOCES)</b>		Take classes at Casper College while still in high school for dual credit. * <b>Dual credit classes offered at KW.</b>		
	<b>Community College</b>		<input type="checkbox"/> For Programs of Study and Majors in Wyoming schools, refer to the Wyoming Career Cluster Guides <input type="checkbox"/> For more information visit <a href="http://cis.intocareers.org">cis.intocareers.org</a>		
	<b>College/University</b>				
	<b>Technology Center</b>				
Career Enhancement Options	<b>Community-Based Learning Options</b>		<b>School-Based Activities</b> (Clubs, Student Vocational Org's, Sports, etc.)	<b>Occupations in this Pathway</b> See the Wyoming Career Cluster Guide for more jobs.	
	<input type="checkbox"/> Job-Shadowing <input type="checkbox"/> Internship/Mentorship <input type="checkbox"/> On-The-Job Training <input type="checkbox"/> Wyoming Medical Center Volunteer Program		<input type="checkbox"/> CPR/First Aid	<input type="checkbox"/> Clinical Lab Technician <input type="checkbox"/> Diagnostic Medical Sonographer <input type="checkbox"/> Electrocardiographic (ECG) Technician <input type="checkbox"/> Geneticist <input type="checkbox"/> Mammographer <input type="checkbox"/> Nutritionist <input type="checkbox"/> Pathologist <input type="checkbox"/> Phlebotomist <input type="checkbox"/> Radiologist	

# Career Plan of Study



## Pathway: Health Informatics

Student Name \_\_\_\_\_

Date \_\_\_\_\_

Advisor Name \_\_\_\_\_

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High School	9 <sup>th</sup> Grade		10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
	<b>LA</b>	9 <sup>th</sup> grade English	10 <sup>th</sup> grade English	11 <sup>th</sup> grade English	12 <sup>th</sup> grade English
	<b>Math</b>	IM 1, Geometry	IM 2 or Algebra 2	IM 4 or Pre Calc	IM 5, AP Math*
	<b>Sci.</b>	Physical Science	Biology	Chem. A or Chem. Other	Chem. II
	<b>SS</b>	US History Comp	Mod US History	World Hist Overview or AP History*	Psychology, Sociology
	<b>CAREER RELATED ELECTIVES</b> Computer Apps		<b>CAREER RELATED ELECTIVES</b> Business Computer Apps*	<b>CAREER RELATED ELECTIVES</b> AP Statistics*, Part Topics in Biology*	
<b>OTHER COURSES HELPFUL IN PREPARING FOR THESE CAREERS</b> Any P.E., Latin or Spanish level II or above					
Post-Secondary	<b>ACE (BOCES)</b>		Take classes at Casper College while still in high school for dual credit. * <b>Dual credit classes offered at KW.</b>		
	<b>Community College</b>		<input type="checkbox"/> For Programs of Study and Majors in Wyoming schools, refer to the Wyoming Career Cluster Guides <input type="checkbox"/> For more information visit <a href="http://cis.intocareers.org">cis.intocareers.org</a>		
	<b>College/University</b>				
	<b>Technology Center</b>				
Career Enhancement Options	<b>Community-Based Learning Options</b>		<b>School-Based Activities</b> (Clubs, Student Vocational Org's, Sports, etc.)		<b>Occupations in this Pathway</b> See the Wyoming Career Cluster Guide for more jobs.
	<input type="checkbox"/> Job-Shadowing <input type="checkbox"/> Internship/Mentorship <input type="checkbox"/> On-The-Job Training <input type="checkbox"/> Wyoming Medical Center Volunteer Program		<input type="checkbox"/> CPR/First Aid <input type="checkbox"/> FBLA		<input type="checkbox"/> Admitting Clerk <input type="checkbox"/> Applied Researcher <input type="checkbox"/> Data Analyst <input type="checkbox"/> Epidemiologist <input type="checkbox"/> Health Education <input type="checkbox"/> Healthcare Administrator <input type="checkbox"/> Medical Assistant <input type="checkbox"/> Medical Biller/Patient Financial Services <input type="checkbox"/> Patient Advocate <input type="checkbox"/> Risk Manager <input type="checkbox"/> Transcriptionist

# Career Plan of Study



## Pathway: Support Services

Student Name \_\_\_\_\_

Date \_\_\_\_\_

Advisor Name \_\_\_\_\_

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High School	9 <sup>th</sup> Grade		10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
	<b>LA</b>	9 <sup>th</sup> grade English	10 <sup>th</sup> grade English	11 <sup>th</sup> grade English	12 <sup>th</sup> grade English
	<b>Math</b>	IM 1, Geometry	IM 2 or Algebra 2	IM 4 or Pre Calc	IM 5, AP Math*
	<b>Sci.</b>	Physical Science	Biology	Chem. A or Chem. Other	Chem. II
	<b>SS</b>	US History Comp	Mod US History	World Hist Overview or AP History*	Sociology
	<b>CAREER RELATED ELECTIVES</b> Computer Apps. I	<b>CAREER RELATED ELECTIVES</b> Business Computer Apps*	<b>CAREER RELATED ELECTIVES</b> AP Statistics*, AP Biology*		
<b>OTHER COURSES HELPFUL IN PREPARING FOR THESE CAREERS</b> Any P.E., Any Foreign Language Level II or above					
Post-Secondary	<b>ACE (BOCES)</b>		Take classes at Casper College while still in high school for dual credit. * <b>Dual credit classes offered at KW.</b>		
	<b>Community College</b>		<input type="checkbox"/> For Programs of Study and Majors in Wyoming schools, refer to the Wyoming Career Cluster Guides <input type="checkbox"/> For more information visit <a href="http://cis.intocareers.org">cis.intocareers.org</a>		
	<b>College/University</b>				
	<b>Technology Center</b>				
Career Enhancement Options	<b>Community-Based Learning Options</b>		<b>School-Based Activities</b> (Clubs, Student Vocational Org's, Sports, etc.)	<b>Occupations in this Pathway</b> See the Wyoming Career Cluster Guide for more jobs.	
	<input type="checkbox"/> Job-Shadowing <input type="checkbox"/> Internship/Mentorship <input type="checkbox"/> On-The-Job Training <input type="checkbox"/> Wyoming Medical Center Volunteer Program		<input type="checkbox"/> CPR/First Aid	<input type="checkbox"/> Biomedical/Clinical Engineer <input type="checkbox"/> Biomedical/Clinical Technician <input type="checkbox"/> Central Services Director <input type="checkbox"/> Environmental Health and Safety Technician <input type="checkbox"/> Environmental Services Manger <input type="checkbox"/> Facilities Manager <input type="checkbox"/> Food Service Personnel <input type="checkbox"/> Hospital Maintenance Engineer <input type="checkbox"/> Industrial Hygienist <input type="checkbox"/> Materials Manager <input type="checkbox"/> Transport Technician	

# Career Plan of Study



## Pathway: Therapeutic Services

Student Name \_\_\_\_\_

Date \_\_\_\_\_

Advisor Name \_\_\_\_\_

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High School	9 <sup>th</sup> Grade		10 <sup>th</sup> Grade		11 <sup>th</sup> Grade		12 <sup>th</sup> Grade		
	<b>LA</b>	9 <sup>th</sup> grade English	10 <sup>th</sup> grade English	11 <sup>th</sup> grade English	12 <sup>th</sup> grade English				
	<b>Math</b>	IM 1, Geometry	IM 2 or Algebra 2	IM 4 or Pre Calc	IM 5, or any AP Math*				
	<b>Sci.</b>	Physical Science	Biology	Chem. A or Chem. Other	Anatomy & Physiology I-II, Chem. II				
	<b>SS</b>	US History Comp	Mod US History	World Hist Overview or AP History*	Psychology				
<b>CAREER RELATED ELECTIVES</b> Family Living		<b>CAREER RELATED ELECTIVES</b> Care of Athletes, Foods & Nutrition		<b>CAREER RELATED ELECTIVES</b> AP Statistics*, Child Development & Parenting, Child Development, Part Topics in Biology*, AP Biology *					
<b>OTHER COURSES HELPFUL IN PREPARING FOR THESE CAREERS</b> Any P.E., Latin or Spanish II or above, Computer Apps, Intro to Business*									
Post-Secondary	<b>ACE (BOCES)</b>		Take classes at Casper College while still in high school for dual credit. * <b>Dual credit classes offered at KW.</b>						
	<b>Community College</b>		<input type="checkbox"/> For Programs of Study and Majors in Wyoming schools, refer to the Wyoming Career Cluster Guides						
	<b>College/University</b>		<input type="checkbox"/> For more information visit <a href="http://cis.intocareers.org">cis.intocareers.org</a>						
	<b>Technology Center</b>								
Career Enhancement Options	<b>Community-Based Learning Options</b>		<b>School-Based Activities</b> (Clubs, Student Vocational Org's, Sports, etc.)			<b>Occupations in this Pathway</b> See the Wyoming Career Cluster Guide for more jobs.			
	<input type="checkbox"/> Job-Shadowing <input type="checkbox"/> Internship/Mentorship <input type="checkbox"/> On-The-Job Training <input type="checkbox"/> Volunteer Community Agency <input type="checkbox"/> Wyoming Medical Center Volunteer Program		<input type="checkbox"/> CPR/First Aid <input type="checkbox"/> Sports <input type="checkbox"/> National Honor Society			<input type="checkbox"/> Acupuncturist <input type="checkbox"/> Anesthesiologist Assistant <input type="checkbox"/> Athletic Trainer <input type="checkbox"/> Certified Nursing Assistant <input type="checkbox"/> Chiropractor <input type="checkbox"/> Dentist <input type="checkbox"/> EMT <input type="checkbox"/> Home Health Aide		<input type="checkbox"/> Licensed Practical Nurse <input type="checkbox"/> Optometrist <input type="checkbox"/> Physical or Occupational Therapist <input type="checkbox"/> Physician <input type="checkbox"/> Psychologist	