



Health Science Individual Graduation Plan

THERAPEUTIC SERVICES*



Boise SD

This career cluster plan of study is a source of information as you develop your own personal learning plan. This plan lists EXAMPLES of suggested coursework. Courses will vary according to the availability in each school district. Plans of study should meet high school graduation requirements as well as entrance requirements for a variety of postsecondary options within this career cluster.

Coursework					
Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Advanced Coursework for Postsecondary Credit
Language Arts (9 credits)	English 9 Speech	English 10 Speech	English 11	English 12	Tech Prep Advanced Placement Honors Course
Mathematics (6 credits)	Algebra I	Geometry Algebra II	Pre-Calculus Trigonometry Dependent on chosen pathway	Calculus Statistics	Tech Prep Advanced Placement
Science (6 credits)	Physical Science Accelerated Biology	Biology	Chemistry	Physics	Tech Prep Advanced Placement
Social Studies (5 credits)	US History 9 to 1900		US History 11: Since 1900	American Government or Economics	Tech Prep Advanced Placement
Idaho Professional-Technical Education Classes		<input type="checkbox"/> <i>Orientation to Health Professions</i>	<input type="checkbox"/> <i>Orientation to Health Professions</i> <input type="checkbox"/> <i>Clinical Health Professions: Certified Nursing Assistant</i> <input type="checkbox"/> <i>Clinical Health Professions: Fundamentals of Dental Assisting</i> <input type="checkbox"/> <i>Clinical Health Professions II – Emergency Medical Technician – Basic (If interested--strongly recommend this for the senior yr)</i>	<input type="checkbox"/> <i>Orientation to Health Professions</i> <input type="checkbox"/> <i>Clinical Health Professions: Certified Nursing Assistant</i> <input type="checkbox"/> <i>Clinical Health Professions: Fundamentals of Dental Assisting</i> <input type="checkbox"/> <i>Clinical Health Professions II – Emergency Medical Technician – Basic</i> <input type="checkbox"/> <i>Clinical Health Professions III – Computer Based Pharmacy Technician Program</i> <input type="checkbox"/> <i>Clinical Health Professions III – Pharmacy Technician – Co-op</i>	Tech Prep Advanced Placement Dual Credit
Additional Requirements or Electives		Art/Music/Theatre Foreign Language Computer Technology	Art/Music/Theatre Foreign Language Computer Technology	Art/Music/Theatre Computer Technology	Tech Prep Advanced Placement
Extended Learning					
School-Based	Athletics HOSA	Career Days HOSA Wellness Project	Career Interviews Internships Job Shadowing	Career Research Service Learning Project Senior Project	Cooperative Education Clinical Education
Community-Based	Job Shadowing	Mentorships	Part-Time Employment	Volunteer	

*240 course hours and/or three (3) course credits qualify as meeting a program sequence.

Italicized courses represent repeat offering (Take once); Course satisfies health requirement; Satisfies Biological Science/Lab Credit; Often qualify for dual credit/tech prep college credits; these courses are highly recommended for this pathway; or provide certification in this area.

■ Coursework

Major	Year 13	Year 14	Year 15	Year 16	Occupations Relating to This Pathway
<p>Health Occupations: (Health Science, Health Info Tech, Med Assist, Phys Therapy Assist, Paramedic Science, Prac Nurse, massage Therapy, Resp Therapy, Medical Office Tech)</p>	<p>ISU: HO 105 Intro to Allied Health HO 106 Medical Term HO 111 Anatomy and Phys BI 170 Intro to Computers EMTB 119 Fund. Of Emergency Med. Care EMTB 119L Lab</p> <p>BSU: DNTASST 100 Dental Assisting Anatomy</p> <p>NIC: ALTH 101 Intro to Allied Health ALTH 102 Allied Health Lab Alth 105 Infection Prevention</p> <p>LCSC: AHLTH 130 Health Occupations</p> <p>CSI: HO 105 Intro to Allied Health HO 106 Medical Term HO 111 Anatomy and Phys</p> <p>EITC: HCT 100 Introduction to Health Professions HCT 101 Medical Terminology HCT 103 Intro to Anatomy and Physiology & Lab</p>				<p>Occupations Requiring Less than Baccalaureate Degree</p> <ul style="list-style-type: none"> ■ Practical Nursing ■ Medical Assisting ■ Physical Therapy Assistant ■ Paramedic ■ Massage Therapy ■ Repertory Therapy Assistant ■ Medical Office Assistant ■ Medical Assistant ■ Acupuncturist ■ Anesthesiologist Assistant ■ Art/Music/Dance Therapist(s) ■ Certified Nursing Assistant ■ Audiologist ■ Dental Assistant ■ Dental Hygienist ■ Dental Lab Technician ■ EMT ■ Home Health Aide ■ Medical Assistant ■ Pharmacy Technician ■ Physical Therapist Assistant ■ Surgical Technician ■ Veterinarian Technician <p>Occupations Requiring Baccalaureate Degree</p> <ul style="list-style-type: none"> ■ Athletic Trainer ■ Nurse (BS prepared) ■ Speech Pathologist ■ Dietitian ■ Chiropractor ■ Dentist ■ Exercise Physiologist ■ Pharmacist ■ Physical Therapist ■ Physician's Assistant ■ Psychologist ■ Social Worker ■ Veterinarian
<p>Idaho State University Baccalaureate of Nursing</p>	<p>ISU: Biology, Anatomy and Physiology Introduction Microbiology</p>	<p>Introduction to Pathobiology Introduction to Organic and Biochemistry</p>			

<p>Dental Hygiene Bachelor of Science Degree, Idaho State University</p>	<p>Prerequisite Core Courses for Year 1 and 2: Principles of Dental Hygiene English Composition Critical Reading and Writing Speech Statistics Introduction to Psychology Introduction to Sociology Nutrition Biology I and Lab Anatomy and Physiology, (lab included) Anatomy and Physiology, (lab included) Microbiology and Lab Intro to General Chemistry (Inorganic) Intro to Organic and Biochemistry and Lab Electives Introduction to Allied Health Introduction to the Dental Office Introduction to Computer Systems</p>				<p>■</p>
<p>Paramedic EMT-P, Idaho State University</p>	<p>Biology I Anatomy & Physiology Math Requirement Psych Medical Terminology or Medical Term & Communication Includes "Goals" classes</p>	<p>Paramedic I & Lab Clinical Practicum Advanced Airway Mgt Practicum Pre-Hospital Pharmacology & Lab Paramedic II</p>			<p>■</p>
<p>Doctor of Pharmacy Curriculum, Idaho State University</p>	<p>General Biology General Chemistry Brief Calculus or Calculus I General Physics I Organic Chemistry General Microbiology Economics Anatomy & Physiology English Composition Public Speaking Humanities & Social Sciences *Students are required to have completed a minimum of 72 college/university semester credits before actually beginning the Pharm D. program @ ISU.</p>				<p>■</p>