

HOWARDS GROVE HIGH SCHOOL	<i>HEALTH SCIENCE Career Plan of Study</i> Planning, managing, and providing therapeutic services, diagnostic services, health information, support services, and biotechnology research and development. Pathways include: Therapeutic Services; Diagnostics Services; Health Information; Support Services; and Biotechnology Research & Development.
--------------------------------------	--

	Entry Level Occupations	Careers with Certification/Associate Degree	Careers with Bachelors, Pre-Professional, or Higher Degree
Sample Occupations	Certified Nursing Assistant Food Service Worker Hospital Admitting	Clinical Lab Tech; Dental Assistant; Dental Hygienist; Emergency Medical Technician; Home Health Aide; Pharmacy Technician; Physical Therapy Aide; Radiology Technologist; Registered Nurse; Surgical Technologist; Ultrasound Technician; Occupational Therapy Assistant	Athletic Trainer; Chiropractor; Dentist; Dietician; Nurse Practitioner; Occupational Therapist; Oral Surgeon; Pharmacist; Physical Therapist; Podiatrist; Primary Care Physician; Psychiatrist; Radiologist; Registered Nurse; Speech Therapist; Surgeon

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

High School Requirements	Grade	English (4 credits total)	Math (2 credits total)	Science (2 credits total)	Social Studies (3 credits total)	Additional Requirements
	9	English 9		Physical Science	Geography	Computer App. OR Info. & Computer Tech. Physical Education Health
	10	Sophomore Composition		Biology	World History	Physical Education Health
	11	Speech & .5 credit (see list below)			U.S. History	Grades 9 - 12 <i>Fine Arts/Humanities:</i> 1 credit from Art, Music, Foreign Language, or Mythology <i>Career & Technical Education:</i> 1 credit from Agribusiness, Business Ed, Family & Consumer Ed, or Tech Ed
	12	English Electives (see list below)			Political Systems & Issues	Grade 11 or 12: P.E. Elective

High School Electives	English Electives	Math Electives	Science Electives	Social Studies Electives	Recommended Electives
	<i>with Speech:</i> American Lit Mythology Mass Media grade 12: Advanced Comp & World Lit; Ad Comp & Mythology; Lit A-Lit B; AP English	Applied Math I Algebra I Geometry Algebra II Intro to Stats Trigonometry Elementary Functions Calculus	Applied Chemistry Chemistry Physics AP Adv. Chemistry AP Adv. Biology	Social Problems	Family Relations; Parenting; Business Economics; Exploring Animal Science; Veterinary Science; Personal Finance; Future Prep; Health Youth Apprenticeship; 2 years World Language; Psychology

POST SECONDARY PROGRAMS

	Certificates	Technical Diplomas	Associate Degrees
Technical Colleges	Central Service Tech: Mid-State, Waukesha Dental Assistant (short-term): LTC, MATC, NWTC Dental Technician: MATC Dietary Manager: WI Indianhead Health Unit Coordinator: LTC, MATC Medical Coding Specialist: FVTC, MATC Medication Assistant: LTC, MPTC, NWTC Nursing Assistant: All WTCS schools. Phlebotomy Technician: Mid-State, MATC, Waukesha County Therapeutic Massage: Madison Area	Dental Assistant (1-year): FVTC, NWTC Medical Assistant: FVTC, LTC, MATC, MPTC, NWTC Medical Coding Specialist (advanced): Madison Area Opticianry: MATC Optometric Technician: Madison Area Pharmacy Technician: LTC, MATC Practical Nursing: FVTC, LTC, MATC, MPTC, NWTC Renal Dialysis Technician: MATC Surgical Technologist: LTC, NWTC	Anesthesia Technology: MATC Chiropractic Technician: MPTC Clinical Lab Tech: MATC, MPTC, NWTC Dental Hygienist: FVTC, LTC, MATC, MWTC Diagnostic Medical Sonography: NWTC Dietetic Technician: MATC Health Information Technology: MPTC, NWTC Nursing: Associate Degree: All WTCS schools Occupational Therapy Assistant: FVTC, MATC Pharmacy Services Management: LTC Physical Therapy Assistant: MATC, NWTC Radiography: LTC, MATC, MPTC, NWTC Respiratory Therapist: MATC, MPTC, NWTC Surgical Technology: MATC, MPTC

Key to Abbreviations: FVTC: Fox Valley; LTC: Lakeshore; MATC: Milwaukee Area; MPTC: Moraine Park; NWTC: Northeast Wisconsin

	Public Colleges	Private Colleges
Four Year Colleges	Athletic Training: La Crosse, Oshkosh, Stevens Point Communicative Disorders: Madison, Milwaukee, Stevens Point Community Health Education: La Crosse Dietetics: Stevens Point, Stout Exercise & Sport Science: La Crosse Environmental Public Health: Eau Claire Health Care Administration: Eau Claire, Milwaukee Health Promotion: Stevens Point Medical Technology/Clinical Lab Science: La Crosse, Madison, Milwaukee, Oshkosh, Stevens Point Nursing: Green Bay, Madison, Milwaukee, Oshkosh Occupational Therapy: Milwaukee Rehabilitation Psychology: Madison Sport & Fitness Management: Parkside	Athletic Training: Concordia, Marquette Biomedical Sciences: Marquette, St. Norbert Clinical Laboratory Sciences: Marquette Dietetics/Nutrition: Mount Mary, Viterbo Exercise/Sports/Fitness Studies: Concordia, Lakeland, Marquette Nursing: Concordia, Marian, Marquette, MSOE, St. Norbert, Silver Lake Occupational Therapy: Mount Mary Physical Education: Concordia Physical Fitness & Health: Lakeland Physical Therapy: Concordia, Marquette Psychology & Nursing: Marquette Speech Pathology & Audiology: Marquette

These are some of the programs at Wisconsin Technical Colleges and some of the majors at UW System Colleges and WI Private Colleges and Universities. For information about technical college programs go to www.witechcolleges.org. For information about UW System colleges go to www.wisconsin.edu. For information about private colleges and universities in Wisconsin go to www.wisconsinmentor.org. For information about transfer agreements between technical colleges and UW System schools and between technical colleges and private schools go to www.uwsa.edu/tis.

This is one of sixteen career clusters. For more information about career clusters go to www.careerclusters.org.