

<b>Biomedical Sciences</b> <i>Laboratory Programs</i>	<b>Biomedical Sciences</b> <i>Diagnostic Imaging</i>	<b>Nutritional Sciences</b>	<b>Kinesiology</b>	<b>Occupational Studies</b>	<b>Communication Sciences &amp; Disorders</b> <i>School Track</i> <i>Health Care Track</i>	<b>Health Care Administration</b>
<p><b>Potential Job Titles:</b></p> <ul style="list-style-type: none"> <li>· Medical Lab Scientist</li> <li>· Clinical Laboratory Scientist</li> <li>· Cytotechnologist</li> <li>· Immunologist</li> <li>· Blood Bank Technologist</li> <li>· Microbiologist</li> <li>· Public Health Microbiologist</li> </ul> <p><b>Job Settings:</b></p> <ul style="list-style-type: none"> <li>· Hospitals</li> <li>· Medical laboratories</li> <li>· Physician offices</li> <li>· Blood Banks</li> <li>· Research/Testing laboratories</li> <li>· Pharmaceutical or biotech companies</li> <li>· Health departments</li> </ul> <p><b>Job Outlook:</b> In Wisconsin, growth in the number of Medical and Clinical Laboratory Scientists through 2020 is estimated to be 8.7%. CLS median national salary for 2013: \$58,430.</p> <p><b>Earning potential:</b> Level of responsibility, years of experience, and size of facility affects salary. In Wisconsin, 2013 wage levels for Medical Clinical Laboratory Technologists were:</p> <p>Entry Level: \$49,100 Average: \$58,430 Experienced: \$80,820</p>	<p><b>Diagnostic Medical Sonography (DMS)</b></p> <p><b>Potential Job Titles:</b></p> <ul style="list-style-type: none"> <li>· Diagnostic Medical Sonographer</li> </ul> <p><b>Job Outlook:</b> In Wisconsin, growth in the number of for Diagnostic Medical Sonographers by 2020 is estimated at 39.3%.</p> <p><b>Earning potential:</b> 2012 wage levels in Wisconsin for Diagnostic Medical Sonographers were reported to be:</p> <p>Entry Level: \$60,840 Average: \$75,620 Experienced: \$83,010</p> <p><b>Radiologic Technology(RT)</b></p> <p><b>Potential Job Titles:</b></p> <ul style="list-style-type: none"> <li>· Radiological Technologist</li> </ul> <p><b>Job Outlook:</b> In Wisconsin, growth in the number of Radiologist Technologists through 2018 is estimated to be 12.9%</p> <p><b>Earning potential:</b> 2013 National wage levels for Radiologic Technologists were:</p> <p>Entry Level: \$60,840 Average: \$75,620 Experienced: \$83,010</p> <p><b>Job Settings: -DMS &amp; RT</b></p> <ul style="list-style-type: none"> <li>· Hospitals</li> <li>· Medical Laboratories</li> <li>· Physician Offices</li> <li>· Health Departments</li> <li>· Home Health Agencies</li> <li>· Rehabilitation Facilities</li> </ul>	<p><b>Potential Job Titles:</b></p> <ul style="list-style-type: none"> <li>· Registered Dietitian (advanced degree required)</li> <li>· Nutritionist</li> <li>· Health Inspector</li> <li>· Food Scientist/Tech</li> <li>· Food Quality Control Specialist</li> <li>· Food &amp; Nutrition Writer</li> <li>· Nutrition Assistant</li> <li>· Restaurant Menu Consultant</li> <li>· Caterer</li> <li>· Weight Loss Specialist</li> </ul> <p><b>Job Settings:</b></p> <ul style="list-style-type: none"> <li>· Hospitals &amp; Clinics</li> <li>· Universities</li> <li>· Schools</li> <li>· Food Services</li> <li>· Restaurants</li> <li>· Pharmaceutical Companies</li> </ul> <p><b>Job Outlook:</b> In Wisconsin, growth in the number of Nutritionists and Dietitians through 2020 is estimated to be 15.3%. Food Scientist/Technologist positions will grow an estimated 13% through 2020.</p> <p><b>Earning Potential:</b> In Wisconsin 2012 wage levels for Dietitians and Nutritionists were:</p> <p>Entry Level: \$40,980 Average: \$53,340 Experienced: \$59,530</p> <p>Food Scientist/Tech: Entry level: \$35,650 Average: \$66,920 Experienced: \$82,560</p>	<p><b>Potential Job Titles:</b></p> <ul style="list-style-type: none"> <li>· Physical Therapist (graduate degree required)</li> <li>· Exercise Physiologist (graduate degree required)</li> <li>· Health &amp; Fitness Director</li> <li>· Strength &amp; Conditioning Coach</li> <li>· Fitness/Youth Sports Coordinator</li> <li>· Aquatics Director</li> <li>· Exercise Technician and/or Specialist</li> <li>· Fitness/Medical Sales</li> <li>· Personal Fitness Trainer</li> </ul> <p><b>Job Outlook:</b> Fitness Industry employment is expected to grow as more people seek physical activity to maintain health and prevent illness.</p> <p><b>Earning potential:</b> Salaries depend on education level, employment setting, and experience. In Wisconsin, percent growth through 2022 expected for Fitness Trainers is 13%. 2013 wage levels for Fitness Instructors were:</p> <p>Entry Level: \$17,635 Average: \$23,620 Experienced: \$35,070</p> <p>Percent growth through 2022 expected for Physical Therapists is 36%. 2013 Wisconsin wage levels for physical therapists were:</p> <p>Entry Level: \$64,180 Average: \$79,320 Experienced: \$90,050</p>	<p><b>Potential Job Titles:</b></p> <ul style="list-style-type: none"> <li>· Occupational Therapist</li> <li>· Mental Health Specialist</li> <li>· Hand Therapist</li> <li>· Ergonomist</li> <li>· Assistive Technology Practitioner</li> <li>· Health Care Consultant</li> <li>· Design and Accessibility Consultant</li> <li>· Rehabilitation Specialist</li> <li>· Rehabilitation Program Administrator</li> <li>· Low Vision Specialist</li> <li>· Case Manager</li> </ul> <p><b>Job Settings:</b></p> <ul style="list-style-type: none"> <li>· Hospitals</li> <li>· Public/Private Schools</li> <li>· Rehabilitation Centers</li> <li>· Nursing Homes</li> <li>· Adult Day Care Centers</li> <li>· Mental Health Settings</li> <li>· Private Practice</li> <li>· Corporations/Industry</li> </ul> <p><b>Job Outlook:</b> In Wisconsin, growth in the number of Occupational Therapists through 2018 is estimated to be 15.7%.</p> <p><b>Earning potential:</b> In Wisconsin, 2011 wage levels were:</p> <p>Entry Level: \$50,400 Average: \$63,730 Experienced: \$70,390</p>	<p><b>Potential Job Titles:</b></p> <ul style="list-style-type: none"> <li>· Speech-language Pathologists</li> <li>· Audiologists</li> </ul> <p><b>Job Settings:</b></p> <ul style="list-style-type: none"> <li>· Hospitals</li> <li>· Rehabilitation facilities</li> <li>· Private practice</li> <li>· Public/private schools</li> <li>· Universities</li> <li>· Physician offices</li> <li>· Home health agencies</li> <li>· Hearing centers</li> </ul> <p><b>Job Outlook:</b> Employment of Speech-language Pathologists and Audiologists is expected to have moderate increases in growth. Employment as a speech pathologist is expected to grow by 6.3% through 2018. Employment as an Audiologist is expected to grow 4.2% through 2018.</p> <p><b>Earning potential:</b> 2011 wage levels in Wisconsin for Speech-Language Pathologists and Audiologists were:</p> <p>Speech/Language Pathologists:</p> <p>Entry Level: \$47,410 Average: \$63,240 Experienced: \$71,140</p> <p>Audiologists:</p> <p>Entry Level: \$60,990 Average: \$71,970 Experienced: \$77,460</p>	<p><b>Potential Job Titles:</b></p> <ul style="list-style-type: none"> <li>· Human Resources Recruiter</li> <li>· Credentialing Coordinator</li> <li>· Medical Records Coordinator</li> <li>· Contract Analyst</li> <li>· Pharmaceutical Rep.</li> <li>· Medical Equipment Rep</li> <li>· Market Research Analyst</li> <li>· Independent Living Activity Coordinator</li> </ul> <p><b>Job Settings:</b></p> <ul style="list-style-type: none"> <li>· Ambulatory care facilities</li> <li>· Home health agencies</li> <li>· Hospitals</li> <li>· Hospices</li> <li>· Long-term care facilities</li> <li>· Medical group practices</li> <li>· Mental health organizations</li> <li>· University or research institutions</li> </ul> <p><b>Job Outlook:</b> In Wisconsin, growth in the number of Medical and Health Science Managers through 2018 is estimated to be just under 2%.</p> <p><b>Earning potential:</b> Salaries depend on education level, employment setting, and experience. In Wisconsin, 2011 wage levels for Medical and Health Science Managers were:</p> <p>Entry Level: \$58,180 Average: \$91,440 Experienced: \$108,070</p>

# CAREER OPPORTUNITIES

<b>Biomedical Sciences</b> <i>Laboratory Programs</i>	<b>Biomedical Sciences</b> <i>Diagnostic Imaging</i>	<b>Nutritional Sciences</b>	<b>Kinesiology</b>	<b>Occupational Studies</b>	<b>Communication Sciences &amp; Disorders</b>	<b>Health Care Administration</b>
<p>These professionals examine and analyze body fluids, tissues and cells to identify bacteria, parasites, and other microorganisms. They analyze the chemical constituents of body fluids, cross match donor blood for transfusions, and test blood for drug levels to measure the efficacy of particular treatments. They also evaluate test results for accuracy and help interpret them for the physician or identify illness trends for public health officials. Biomedical technologists use the same skill set in more research-related fields like pharmaceutical and food industries.</p> <p><b>Years of College required:</b> A bachelor's degree is required which takes 4-5 years depending on incoming proficiency in math and chemistry. Students who complete degrees in Medical Laboratory Science or Cytotechnology must seek professional credentialing through a national certification exam.</p> <p><b>Courses/topics you should enjoy:</b> Chemistry, Human Anatomy &amp; Physiology, Infectious diseases, Pathophysiology, Biochemistry, Organic Chemistry, Microbiology, Laboratory procedures and equipment</p>	<p><b><u>Diagnostic Medical Sonography (DMS)</u></b> Sonographers use sound waves to generate an image used for assessment and diagnosis of various medical conditions. While many associate sonography solely with obstetrics, this technology has many applications in diagnosing medical conditions in the abdomen, breast, heart and vascular system.</p> <p><b>Years of College required:</b> 4-5 years depending upon incoming proficiency in math and chemistry; completion of Certified Nursing Assistant (C.N.A) and CPR required prior to application for clinical.</p> <p><b><u>Radiologic Technology(RT)</u></b> Radiologic Technologists perform diagnostic imaging procedures such as X-ray examinations, MRI scans and CT scans.</p> <p><b>Years of College required:</b> 4-5 years depending upon incoming proficiency in math and chemistry.</p> <p><b>Courses/topics you should enjoy for both DMS &amp; RT:</b> Radiation Biology, Human Anatomy &amp; Physiology, Physics, Chemistry, Genetics, Human Growth &amp; Development, Pathophysiology</p>	<p>The field of Nutritional Sciences is rooted in the study of natural sciences, social sciences, and health sciences. Our program provides students with a strong foundation in these subjects in order to enable understanding of the relationships among food, nutrients, eating behavior, and human health. Students explore why we do and learn how to help others modify their diet and eating behavior.</p> <p><b>Years of College required:</b> Minimally 4 for entry level largely contingent upon incoming proficiency in math; Registered Dietician requires an additional 2 year graduate degree; other advanced or professional degree requirements vary.</p> <p><b>Courses/topics you should enjoy:</b> Human Anatomy &amp; Physiology, Chemistry, Biology, Mathematics, Food Studies, Psychology, Sociology, Nutrition</p>	<p>In broad terms, our Kinesiology graduates work with clients in both preventative and rehabilitation settings in the health and fitness industries. Graduates may pursue advanced degrees in Kinesiology (biomechanics, exercise physiology, motor control, sport psychology, and sport sociology) and in such health professions as cardiac rehabilitation, chiropractic medicine, medicine, physician assistant, and physical therapy.</p> <p><b>Years of college required:</b> Minimally 4 for entry level largely contingent upon incoming proficiency in math; Physical Therapy requires an additional 3 year clinical doctorate; other advanced or professional degree requirements vary by subspecialty but typically involve at least 2-3 years.</p> <p><b>Courses/topics you should enjoy:</b> Human Anatomy &amp; Physiology, Chemistry, Physics, Mathematics, Exercise Physiology, Psychology, Sociology, Nutrition</p>	<p>Occupational Therapists assist clients in performing activities of all types with the goal of living as independently as possible. Services typically include customized treatment programs to improve one's ability to perform daily activities; comprehensive home and job site evaluations with recommendations for use of adaptive equipment and training; and guidance to family members and caregivers.</p> <p><b>Years of College required:</b> A bachelor's degree is required which takes 4-5 years depending on incoming proficiency in math and english. Additional, 2 years for the required Master's degree in Occupational Therapy followed by a national licensure exam.</p> <p><b>Courses/topics you should enjoy:</b> Human Anatomy &amp; Physiology, Psychology, Physics, Rehabilitation Planning &amp; Management, Assistive Technology, Disability studies, Rehabilitation in Pediatrics &amp; Gerontology, Human Growth &amp; Development, Physical Dysfunction, Psycho-Social Dysfunction</p>	<p>Speech-language Pathologists evaluate, treat, and help clients and their families to improve communication skills and cope with the difficulties of communication disorders. Some of the communication disorders could include: stuttering, delayed and disordered language development, aphasia, and voice and articulation problems.</p> <p><b>Years of College required:</b> 6 to obtain the required Master's degree</p> <p><b>Courses/topics you should enjoy:</b> Biology, Human Anatomy &amp; Physiology, Speech Science, Audiology, Medical Terminology, Swallowing Disorders, Linguistics, Speech &amp; Language Development &amp; Abnormalities, Phonetics, Fluency &amp; Voice Disorders</p>	<p>Health Care Administrators take on a business type role within a health care setting. Some examples of potential responsibilities could include: establishing and implementing the policies and objectives of a specific clinical area or department within a facility; training and evaluating personnel; developing reports and budgets; and coordinating activities with other managers. With experience and an advanced degree, Health Care Administrators may move into executive management positions.</p> <p><b>Years of college required:</b> Minimally 4 for entry level largely contingent upon incoming proficiency in math; advancement typically requires a master's degree in Business Administration, Public Health, Management, Informatics or related fields.</p> <p><b>Courses/topics you should enjoy:</b> Mathematics, Human Anatomy &amp; Physiology, Human Growth &amp; Development, Medical Terminology, Epidemiology, Management, Marketing, Finance, Health Care Information Systems, Health Care Delivery Systems, Health Care Reimbursement, Organizational Theory</p>