

## Graduate Electives

- OT 5300 – Sensory Integration and the Child** **3 Credits**  
Study of theoretical principles and their application to evaluation and treatment of the child with sensory integrative dysfunction. Students will observe and participate in screening and evaluation of children, and they will design treatment plans for selected clients.  
**Prerequisites/Corequisites:** Prerequisites: OT 3350, 3510, and 4430; or OTR, RPT, or consent.
- OT 5810 – Work Analysis and Consultation** **3 Credits**  
This course introduces students to work analysis in a variety of settings. Students learn to write job descriptions using ADA (Americans with Disabilities Act) standards (essential and nonessential job functions) and will learn to evaluate workers to determine their individual capability to perform a certain job (work capacity evaluation). Students will evaluate actual jobs to make recommendation (following current legislation) for modifications for the worker, work site, and work organization to decrease potential job-related injuries. Students will also develop a wellness and injury prevention program to address injury prevention for a specific population.  
**Prerequisites/Corequisites:** Prerequisites: OT 4720 and 4750 or neurology, kinesiology, biomechanical background, and one, successful internship with consent of instructor.
- OT 6020 – Function and Treatment of the Upper Extremity** **3 Credits**  
Provides advanced study of function, dysfunction and treatment of the upper extremity. Topics include the gross anatomy, neuroanatomy, neurophysiology, and kinesiology of the upper extremities; clinical conditions affecting upper extremity function; and current treatment methods and modalities.
- OT 6970 – Investigations in Occupational Therapy** **Variable Credit 1-3 Credits**  
Independent study provided for the qualified occupational therapy student under the guidance of a departmental faculty member.  
**Prerequisites/Corequisites:** Prerequisite: Consent of graduate coordinator and proposed faculty supervisor.
- OT 7000 – Graduate Thesis** **3 Credits**
- OT 7100 – Independent Research** **3 Credits**
- OT 7120 – Professional Field Experience** **3 Credits**  
This is a third Level II experience.
- BLS 5900 – Physiology and Function of the Eye** **2 Credits**  
The anatomy, structure, and function of the eye, along with various eye diseases and malfunctions, are stressed in this course. The student is familiarized with various eye conditions, and their relationship to rehabilitation practice is emphasized.
- BLS 5970 – Principles and Practices of Low Vision** **2 Credits**  
This course deals with assessment and remediation of functional problems encountered by low vision persons. Emphasis is placed on optical, non-optical, and electronic aids which increase visual functioning. In addition, the nature and needs of low vision persons and the interprofessional nature of low vision services are stressed. The concepts are explored that deal with initial intake procedures, assessment of near and distant visual acuity, assessment of near and distant visual field, color testing, evaluation of sunwear, evaluation of optical aids, training in the use of optical and non-optical aids, and use of equipment such as the lensometer and tonometer.  
**Prerequisites/Corequisites:** Prerequisite: Approval of advisor.
- BLS 5880 – Psychosocial Aspects of Disability** **2 Credits**

This course provides an understanding of the psychosocial factors that impact upon the integration into society of individuals with disabilities. It examines the philosophy of rehabilitation, major classifications and paradigms, common stereotypes, attitudes and their measurement, psychiatric disabilities, theories of adjustment, psychosocial losses, issues relating to sexuality, personal adjustment training, the role of the family, the use of effective interaction skills, and the stages of group process.

**BLS 6050 – Practice in Low Vision**

**1 Credit**

This is a laboratory course which provides experiences in initial intake procedures, assessment of near and distant visual acuity, assessment of near and distant visual field, color testing, evaluation of sunwear, evaluation of optical aids, training in the use of optical and non-optical aids, and use of equipment such as the lensometer and tonometer.

**Prerequisites/Corequisites:** Prerequisite: Approval of advisor.

**HOL 5300 – Holistic Strategies to Illness/ End of Life**

**3 Credits**

**HOL 5340 – Holistic Health and Spirituality**

**3 Credits**

This course helps students better understand the spiritual dimensions of each individual and the relationship of spirituality to the meaning of health. Various spiritual traditions, philosophies and practices will be explored with the primary emphasis on the implications of these teachings for everyday living. The course will address the role of spirituality in the therapeutic process for health care professionals and resources available for practitioners and educators. The format for the course will include lecture, discussion, experiential activities and audio/video presentations.

**HOL 5370 – Health and Humor**

**3 Credits**

This course will focus on the physical, intellectual, emotional and spiritual dimensions of laughter, humor and play. We will explore recent discoveries and research regarding their role in human physical and mental health. Students will learn about the social significance of humor and play, what makes people laugh and why, the role of happiness, and will learn ways to increase happiness and playfulness, use laughter and humor as a stress management technique, and build a basis for appropriate use of humor in helping others.

**HOL 5500 – Introduction to Expressive Arts**

**3 Credits**

This course is a survey of expressive arts therapies used to facilitate the healing process and will deepen the student's understanding of the role of creative expression in health and healing. The use of arts therapies to promote health, reduce stress, and complement the traditional treatment of physical and mental illness will be discussed. Topics covered will be visual arts, sound/music, movement/dance, writing/poetry, and drama/psychodrama. The format for the course will be a combination of experiential creative activities, guest lectures, and video and audio presentations. No artistic experience or background required.

**HOL 5520 – Healing through Movement**

**3 Credits**

This course is a survey of the use of movement for health and healing. Several movement and dance specialty areas are covered in order to explore personal growth, creativity, balance, stress reduction, spirituality, and cultural perspectives on healing of self and others. Body awareness, breathing, and communication will be emphasized throughout the exploration of movement modalities, such as Authentic Movement, Contact Improvisation, Creative Movement, Feldenkrais, Interplay, Labyrinth Walking, Progoff Journal Writing, Ta'i Chi Chuan, Dances of Universal Peace, and Movement Therapy. The format for the course will be a combination of lectures, discussion, experiential activities, and audio and video presentations. Students enrolled in social work, counseling psychology, occupational therapy, nursing, physical education, and dance will especially benefit from this course. No movement or dance experience is required.

**ADA 6300 – Legal and Illegal Drugs of Abuse**

**3 Credits**

This course deals with the pharmacological aspects of psychoactive/psychotropic drugs having abuse potential. Special emphasis is placed on observable signs and symptoms resulting from use/abuse/dependence of those drugs.

- HSV 6350 – Special Topics in Health and Human Services** **3 Credits**  
Child Trauma – Taught by an interdisciplinary faculty from the College of Health and Human Services, this is an online course that examines core issues related to the impact of child trauma on physical, psychosocial, neurodevelopmental, and communication functions. The comprehensive Children’s Trauma Assessment Center (CTAC) model of assessment and models for trauma informed programming will be presented as part of a one day on campus workshop.  
Visual Perception and Cognition –
- SPPA 5950 – Oral Language Development and Dysfunction** **2 Credits**  
This course provides the student preparing to be a classroom or special teacher with information about the nature of oral language, its development, conditions associated with dysfunction, and the principles and methods of treatment for children with specific speech or language disorders. Not applicable toward the master's degree in Speech Pathology and Audiology.
- SPPA 5520 – Communication Problems of the Aged** **3 Credits**  
This course acquaints the student with receptive and expressive communication problems common to older adults. Emphasis is on the clinical management of organic speech disorders and impaired auditory functions associated with aging.
- SPPA 5970 – Topics in Speech Pathology and Audiology** **3 Credits**  
American Sign Language I and II
- CECP 5830 – Workshops in Counselor Education and Counseling Psychology** **1 Credit**  
Workshops designed to enhance skill development related to Counselor Education and Counseling Psychology practices. Open to all students, but is not intended for counseling majors.  
Child Social Skill Development  
Introduction to Psychopharmacology
- HPER 6430 – Physical Skill Acquisition and Motor Learning** **3 credits**  
Study of the variables that affect acquisition of motor skills among specified populations (children, adolescents, adults). Content includes perceptual-motor, information processing, and the study of physical aspects of the human motor learning.
- HPER 6700 – Exercise Physiology I** **3 Credits**  
This course is the first of a series of two courses that will give the graduate student a much more in depth study of the various physiological processes and how they are transformed and manipulated by external stresses (e.g., work, exercise, disease, environment, etc.).
- HPER 6830 – Advanced Therapy Techniques and Rehabilitation** **3 Credits**  
This course will offer comprehensive materials regarding aquatic rehabilitation techniques for athletic related injuries. Students will learn physiological and psychological aquatic benefits, implement various aquatic techniques used for pre- and post-injury and surgical rehabilitation for athletes, and pool safety and risk management in the aquatic environment.
- HPER 6850 – Therapeutic Modalities** **3 Credits**  
This course will offer comprehensive material regarding advanced therapeutic techniques for treating injuries and conditions of physically active individuals. Scientific theory and application of clinical techniques will be emphasized.
- HPER 6210 – Physical Activities for Exceptional Children** **3 Credits**  
Physical and recreational activities and games used in corrective, adaptive, and general physical education programs for special education children.
- HSV 6350 – Function and Treatment of the Upper Extremity** **3 Credits**

This lecture/lab course provides advanced study of function, dysfunction and treatment of the upper extremity. Topics include the gross anatomy, neuroanatomy, neurophysiology and kinesiology of the upper extremities; clinical conditions affecting upper extremity function; and current treatment methods and modalities used by occupational therapists.

**"International Perspectives on Long Term Care"**

**3 Credits**

Contact Hours:

WMU: 10 - 15 hours (One face-to-face meeting, field experience in the US – nursing home visit - and additional online and phone conferences, pre and post)

In host country: 32-40 hours for daily fieldtrips to clinical and community sites, journal discussion, de-briefing

Course Objectives:

1. To compare and contrast the long-term care systems in the U.S. and Ireland
2. To gain skills in working as a multidisciplinary team member in the health care arena.
3. To develop advocacy skills for frail older adults needing long term care services

Specifically, the students will be visiting long term care sites, interacting with health care professionals, aging advocates and allied health students. They will also participate in didactics to provide background content for understanding the long term care system and the associated challenges in providing care to elders with chronic illnesses.

**NUR6410 – Methods for Measuring Quality in Health & Educational Systems 3 Credits**

This course analyzes various levels of quality found in health care systems and educational institutions for the purposes of comprehensive evaluation and to improve individual, operational, and organizational effectiveness. The course presents knowledge about major theories of quality management and quality metrics with actual case and practice examples. Additionally, the course will examine managerial, operational, and clinical rating systems used to evaluate quality levels and how such quality levels may or must be targeted for improvement. Students are expected to participate in the development of specific quality measures and explain the prospective use of such measures in operational, practice, or organizational systems.

**Prerequisites:** NUR 5300, 5310, and 6400 or consent of instructor.

**SOC 6300 – Sociology of Disaster**

**3 Credits**

This is the first time the university has offered such a class. It will meet Monday evenings in Sangren Hall from 5:30pm-7:50pm. Please contact Victoria Ross at 387-8941 for more information.

**MUS 5970 – Your Brain on Music**

**3 Credits**

Designed to explore one of the most relevant topics in current cognitive psychology and neuroscience. The effects of music on brain and behavior functioning will be addressed through both scientific and musical frames of reference.

Specifically, we will look at the interaction between music and non-musical behavior including:

- motor functioning;
- speech and language;
- cognition;
- social functioning;
- emotion