Department of Health, Physical Education, Recreation, and Safety

Martha Whaley, Chair
Murphy Athletic Center 111

The Department of Health, Physical Education, Recreation, and Safety offers two Master of Science Degrees: one with a major in Health, Physical Education, and Recreation and one with a major in Exercise Science and Health Promotion. Four concentrations are available under the Master of Science HPER major: Health, Physical Education, Recreation, and Sport Management. Students may select from a thesis or non-thesis option. Graduate minors are available in Physical Education, Recreation, Safety, or Health. The department also offers the Doctor of Arts in Physical Education.

Normally, the required test score for admission to the Master of Science in Health, Physical Education, Recreation, and Safety program is 30 on the Miller Analogies Test or a satisfactory score on the Graduate Record Examination. For admission to the Master of Science in Exercise Science and Health Promotion program, the expectation is 35 on the Miller Analogies Test or 750 on the Graduate Record Examination. For admission to the doctoral program, either a 44 on the MAT or 900 on the GRE is expected.

Requirements for the Master of Science—HPER Major (5000 and 6000 level)

Thesis Option
Candidate must
1. have earned undergraduate prerequisites of at least 18 semester hours in HPERS professional courses or a baccalaureate degree from an approved college in an area determined by the department chair to be related to the competencies required in the field of health, physical education, and recreation;
2. complete 30 semester hours of academic work to include the core course requirements: REC 6570, HLTH/PHED/REC 6610, PHED 6820, and HLTH 6930, as well as HLTH/PHED/REC 6640 (3 hours required) with no more than 30 percent of the total degree hours dually listed as undergraduate/graduate hours;
3. complete 6 semester hours of research tools (composed of HLTH/PHED/REC 6610 and HLTH/PHED/REC 6700) to be included within the 30-hour total;
4. be assigned a thesis committee composed of two members, one of whom must be from the Department of HPERS;
5. file a Candidacy Form with the Graduate Office prior to the completion of 24 credit hours;
6. successfully complete a written comprehensive examination during the last semester of coursework (may be taken no more than twice);
7. successfully complete an oral examination relating to the thesis. Candidate may incorporate 6 semester hours of designated cognate courses or a minor of 12 semester hours into the program.

Non-Thesis Option
Candidate must
1. have earned undergraduate prerequisites of at least 18 semester hours in HPERS professional courses or a baccalaureate degree from an approved college in an area determined by the department chair to be related to the competencies required in the field of health, physical education, and recreation;
2. complete 32 semester hours to include no more than 30 percent of the total degree hours dually listed as undergraduate/graduate hours;
3. complete a concentration which includes the core course requirements: REC 6570, HLTH/PHED/REC 6610, PHED 6820, and HLTH 6930 as well as 20 semester hours selected in consultation with the candidate’s advisor;
4. file a Candidacy Form with the Graduate Office prior to the completion of 24 credit hours;
5. successfully complete a written comprehensive examination during the last semester of coursework (may be taken no more than twice).
Candidate may incorporate 6 semester hours of designated cognate courses or a minor of 12 semester hours into the program.

Concentration: Health
Candidate must have earned appropriate undergraduate prerequisites.

Core Requirements (12 hours):
REC 6570 Issues, Trends, and Research in Recreation
HLTH/PHED/REC 6610 Research Methods in HPERS
PHED 6820 Administration and Supervision of Physical Education and Sport
HLTH 6930 Principles and Philosophy of School Health Education Programs

Health Electives (20 hours)
To be selected in consultation with advisor.
Concentration: Physical Education
(NCATE Accredited)
Candidate must have earned appropriate undergraduate prerequisites.

Core Requirements (12 hours):
- REC 6570 Issues, Trends, and Research in Recreation
- HLTH/PHED/REC 6610 Research Methods in HPERS
- PHED 6820 Administration and Supervision of Physical Education and Sport
- HLTH 6930 Principles and Philosophy of School Health Education Programs

Physical Education Requirement (20 hours):
- PHED 6650 Physiological Bases of Human Performance
- PHED 6830 Measurement in Exercise and Sport
- PHED 6700 Data Analysis and Organization for Human Performance
- HLTH/PHED/REC 6910 Independent Study in Health, Physical Education, and Recreation
- FOED 6020 Educational Foundations
- SPSE 6430 Introduction to Curriculum Development
- PHED Elective selected in consultation with advisor

Concentration Requirements (9 hours):
- REC 6700 Data Analysis and Organization for Human Performance
- REC 6510 Financial Management and Marketing of Leisure Services
- REC 6520 Management Practices in Recreation and Leisure
- REC 6530 Historical and Philosophical Principles in Recreation and Leisure Services
- REC 6670 Behavioral Concepts in Recreation and Leisure Services

Thesis Option Requirements:
- REC 6640 Thesis Research (3 hours required)

Non-Thesis Option Requirements:
- REC 6910 Independent Study in Health, Physical Education, and Recreation (2 hours required)

Recreation Electives (6-9 hours):
In consultation with advisor, students should select a minimum of a) 3 hours if Thesis Option, or b) 6 hours if Non-Thesis Option from the recreation and leisure services courses listed below. In addition, a minimum of 3 hours of external electives from outside the HPERS department must be selected.
- REC 5340 Wellness and Healthy Lifestyles
- REC 5480 Recreational Therapy Techniques
- REC 5490 Campus Recreation
- REC 5500 Introduction to Recreational Therapy
- REC 5510 Recreational Therapy in Clinical Settings
- REC 5520 Transitional and Community Recreational Therapy
- REC 5560 Field Studies in Recreation and Parks
- REC 5570 Outdoor Recreation Workshop
- REC 5580 Seminar: Outdoor Recreation and Environmental Issues
- REC 5600/5601 Technology Applications
- REC 5660 Evaluation of Recreation and Leisure Services

Requirements for the Master of Science—Exercise Science and Health Promotion Major (5000 and 6000 level)

Thesis Option:
Candidate must
1. have earned undergraduate prerequisites of at least 18 semester hours to include human anatomy and physiology, be certified in CPR, and submit three letters of recommendation;
2. complete 33 semester hours to include the following courses:

Concentration: Sport Management
Candidate must have earned appropriate undergraduate prerequisites.

Core Requirements (12 hours):
- REC 6570 Issues, Trends, and Research in Recreation
- HLTH/PHED/REC 6610 Research Methods in HPERS
- PHED 6820 Administration and Supervision of Physical Education and Sport
- HLTH 6930 Principles and Philosophy of School Health Education Programs

Sport Management Requirements (12-15 hours):
- PHED 6500 Legal Issues and Risk Management in Physical Education, Sport, and Leisure Services
- PHED 6510 Sport Management
- PHED 6880 Internship/Special Project
- PHED 7050 Facilities and Equipment for Physical Education and Sport

Electives (3-8 hours):
To be selected in consultation with advisor based on student’s professional goals.

Additional Information:
- HLTH 6930 Principles and Philosophy of School Health Education Programs
- MGMT 6000 Management and Operational Concepts
- MGMT 6050 Management and Operational Concepts
- PHED 6500 Legal Issues and Risk Management in Physical Education, Sport, and Leisure Services
- PHED 6510 Sport Management
- PHED 6880 Internship/Special Project
- PHED 6910 Independent Study in Health, Physical Education, and Recreation
- REC 5340 Wellness and Healthy Lifestyles
- REC 5480 Recreational Therapy Techniques
- REC 5490 Campus Recreation
- REC 5500 Introduction to Recreational Therapy
- REC 5510 Recreational Therapy in Clinical Settings
- REC 5520 Transitional and Community Recreational Therapy
- REC 5560 Field Studies in Recreation and Parks
- REC 5570 Outdoor Recreation Workshop
- REC 5580 Seminar: Outdoor Recreation and Environmental Issues
- REC 5600/5601 Technology Applications
- REC 5660 Evaluation of Recreation and Leisure Services

NOTE: All students, thesis or non-thesis, MUST do an internship, PHED 6880, at the end of their coursework.
Required courses - preferred sequence (21 hours):
- PHED 6700 Data Analysis and Organization for Human Performance
- PHED 6650 Physiological Bases of Human Performance
- PHED 6610 Research Methods in HPERS
- PHED 6840 Advanced Principles of Exercise Prescription and Assessment
- PHED 6830 Measurement in Exercise and Sport
- PHED 6880 Internship/Special Project
- PHED 6640 Thesis Research

Health electives - select two (6 hours):
- HLTH 6000 Stress Management in Health and Health Promotion
- HLTH 6960 Health Dimensions
- HLTH 6950 Advanced Methods of Community Health Education
- HLTH 6960 Health Dimensions
- HLTH 6010 Holistic and Complementary Health Care
- HLTH 6960 Health Dimensions
- HLTH 6870 Health Promotion
- HLTH 6860 Program Planning for Health Promotion

External electives (6 hours):
- Select two graduate courses, excluding courses with HLTH or PHED prefixes, in consultation with advisor.

Requirements for the Doctor of Arts in Physical Education (6000 and 7000 level)

1. Candidate must have earned 18 semester hours undergraduate and 20 semester hours at the master’s level in professional HPERS courses or related areas as determined by the department chair, D.A. graduate coordinator, and/or major advisor. (Recommended courses: Physical Education Curriculum, Kinesiology, Foundations of Physical Education, Measurement and Evaluation, Physiology of Exercise, and Organization and Administration.) Candidate must submit three (3) letters of recommendation and a 400-word typewritten essay. The essay must address the candidate’s career aspirations, philosophy of physical education, personal educational objectives, and research experiences or expectations.

2. There are two alternatives:
   - **Alternative #1:**
     - 48 semester hours above the master’s level with at least two-thirds of the program on the 7000 level. 5000-level courses may not be applied. The major consists of at least 24 semester hours of coursework, excluding field work or laboratory experiment, plus 6 semester hours to include PHED 7600, 7610, 7630, plus 6 semester hours for the dissertation. This program requires 12 hours in higher education.
   - **Alternative #2:**
     - Same as alternative #1 with the addition of 18 hours in a second teaching field (for example, HPERS with a concentration in health or recreation); i.e., 60 semester hours above the master’s level with at least two-thirds of the program on the 7000 level. 5000-level courses may not be applied. The major teaching field consists of at least 18 semester hours of coursework in physical education, excluding field work or laboratory experiment, plus 6 semester hours to include PHED 7600, 7610, 7630, pre-dissertation seminar, plus 6 semester hours for the dissertation. The second teaching field consists of 18 semester hours of course work in any discipline that is offered as a major at the master’s level. This program requires 12 hours in higher education.

3. The core of professional education consists of at least 12 semester hours, including FOED 7520 and 7560 and SPSE 7540 and 7550.
4. A doctoral advisory committee must be appointed.
5. Candidacy Form must be filed with the Graduate Office prior to the completion of 36 credit hours.
6. Qualifying examinations as described on page 43 must be successfully completed.
7. Dissertation, see guidelines page 44.
8. Final examination, see guidelines page 44.

Courses in Physical Education [PHED]

5240 (524) Principles of Exercise Prescription and Assessment. Three credits. Prerequisites: PHED 4810, 4830, and 4910. Application of knowledge gained to practical situations; develop proficiency in using equipment and skills to evaluate an individual’s health risks and fitness.

5340 (534) Wellness and Healthy Lifestyles. Three credits. (Same as HLTH and REC 5340.) Developing healthy lifestyles through health appraisal, fitness evaluation, identification of cardiovascular risk factors, and individual exercise prescriptions.

5600 (560) Technology Applications. One credit. (Same as HLTH and REC 5600.) Prerequisite: Introductory course in computer literacy or equivalent with instructor permission. Corequisite: 5601. Focus on understanding of and competency in use of a variety of technology applications related to the profession. Students will be required to enroll in the corresponding lab during the same semester.

5601 (560L) Technology Applications Lab. Two credits. (Same as HLTH and REC 5601.) Corequisite: PHED 5600. Investigation and application of profession-specific software and hardware applications.

5700 (570) Skills and Techniques of Teaching Rhythmic Activities. Three credits. (Same as DANC 5700.) Various dance forms, methods and materials, evaluative procedures, and experiences in teaching all forms of dance to students at the K-12 level.

5810 (581) Directing Intramural. Two credits. The organization and administration of intramural programs. Actual participation in developing and supervising intramural activities.

5910 (591) Kinesiology. Three credits. The science of human motion. Emphasis on principles of anatomy, physiology, and mechanics of human activity.

5920 (592) Special Problems. One, two, or three credits. (Same as HLTH and REC 5920.) Presentation and discussion of research work in physical education, recreation, health and safety education, or athletics. (A maximum of three semester hours may be applied toward a degree.)

5950 (595) Adaptive Physical Education. Three credits. Principles of planning and conducting physical education to provide for the special needs, interests, and abilities of exceptional students. Field work in local schools and community agencies.

6500 (650) Legal Issues and Risk Management in Physical Education, Sport, and Leisure Services. Three credits. (Same as REC 6500.) Understanding the legal basis for management actions, concepts of legal liability including torts and contracts as applied to physical education, sport, and leisure services organizations. Emphasis on the ability to plan, develop, and implement risk management programs.

6510 (651) Sport Management. Three credits. Overview of careers in sport management and psychosocial aspects of sport, philosophical foundations, management thought, organizational behavior, business, communication, marketing, intercollegiate athletics, public recreation, event and facility management, and professional sport.

6610 (661) Research Methods in HPERS. Three credits. (Same as HLTH and REC 6610.) Location of information, methods of research, methods of collecting data, application of the computer in analyzing data, and preparation and presentation of a research paper.

6630 (663) Philosophy and Principles of Human Performance. Three credits. The philosophic basis of human performance and the scientific principles which provide a base for the development of sound programs.

6640 (664) Thesis Research. One to six credits. (Same as HLTH and REC 6640.) Selection of a research problem, review of pertinent literature, collection and analysis of data, and composition of thesis. Once enrolled, student should register for at least one credit hour of master’s research each semester until completion. S/U grading.


6700 (670) Data Analysis and Organization for Human Performance. Three credits. (Same as HLTH and REC 6700.) Prerequisites: PHED 4810 or equivalent, good understanding of mathematical concepts, and computer literacy. Pertinent skills needed to analyze and organize research data through introduction of concepts, principles, techniques, and activities that lead to the appropriate organization and analysis of research data collected for health and human performance.

6800 (680) Program Planning in Physical Education. Three credits. Modern programs of physical education for all grade levels and the contribution of activities to the goals of education.

6820 (682) Administration and Supervision of Physical Education and Sport. Three credits. The organization, planning, and functions involved in administering and supervising programs of physical education and sport. Clinical or field experience required of students with a sport management concentration.

6830 (683) Measurement in Exercise and Sport. Three credits. Measurement theory related to reliability, objectivity, and validity, with application to real world testing situations in the field of health and human performance. Practical experience of testing through labs and/or a research project, including computer analysis and interpretation of reliability and validity data.

6840 (684) Advanced Principles of Exercise Prescription and Assessment. Three credits. Prerequisite: PHED 4240 or equivalent. Provides theoretical and laboratory learning experiences for health risk appraisal, cardiovascular evaluation, and exercise prescription for healthy people and special populations.

6880 (688) Internship/Special Projects. Three to six credits. (Same as HLTH 6880.) On-site practical experience in an exercise science, health promotion, or sport management program. Those with extensive work experience will develop, implement, and conclude a project (research or applied) in consultation with the major professor.

6890 (689) Seminar in Exercise Science and Health Promotion. Three credits. Current issues and research in exercise science
and health promotion. Written and oral presentation of a research project required.

6910 (691) Independent Study in Health, Physical Education, and Recreation. One, two, or three credits. (Same as HLTH and REC 6910.) Individual study of current problems or areas of interest.

7000 (700) Adapted Physical Activity. Three credits. Cognitive, neuromuscular, sensory, and orthopedic impairments; identification of current topics and procedures for testing and programming for individuals with disabilities; current research findings and practices to assist students in developing necessary skills to design and implement appropriate physical activity programs for individuals with disabilities.

7010 (701) Analysis and Criticism of Professional Literature. Three credits. Thorough consideration of selected specialized literature most likely to influence physical education programs, procedures, and practices in the school and community.

7020 (702) College Physical Education Administration. Three credits. Provides administrators and professional students with a broad base of workable administrative principles and guides.


7040 (704) History of Physical Education. Three credits. The role of physical activity in the lives of people from antiquity to the present with an emphasis on the major events, movements, and people that have influenced the development of physical education.

7050 (705) Facilities and Equipment for Physical Education and Sport. Three credits. The planning of areas and facilities related to physical education, athletics, and sport. Clinical or field experience required of students with a sport management concentration.

7060 (706) Field Work or Laboratory Experiment in Physical Education. One to six credits. Professional assignments in physical education appropriate to the student’s background and interests will be pursued for the semester.

7080 (708) Professional Preparation in Human Performance. Three credits. Comparisons of current programs and trends; the development of individual programs.

7090 (709) Motor Learning in Physical Education. Three credits. Theories of learning related to the acquisition of motor skills; a review of the literature pertaining to motor skill development and the implications for teaching.

7100 (710) Mechanical Analysis of Sports Skills. Three credits. A synthesis of scientific principles as they relate to teaching simple and complex motor patterns.

7600/7610 (760/761) Teaching Practicum in Human Performance. Two credits. Careful supervision given to actual teaching experience. Assignment by department or chair of candidate’s committee.

7630 (763) Pre-Dissertation Seminar. Two credits. Prerequisites: HLTH/PHE/REC 6610 and 6700 or equivalent. Gives doctoral students an opportunity to discuss the process of conducting dissertation and issues concerning research at the university. Grant writing also addressed.

7640 (764) Dissertation Research. One to six credits. Assignment by department or chair of candidate’s committee. Selection of a research problem, review of pertinent literature, collection and analysis of data, and composition of dissertation. Once enrolled, student should register for at least one credit hour of doctoral research each semester until completion. S/U grading.

7700 (770) Advanced Data Analysis and Organization for Human Performance. Three credits. Prerequisites: HLTH/PHE/REC 6610 and 6700 or equivalent. Skills and understanding necessary to read, conduct, report, and interpret advanced data analytical techniques using data from HPER. Practical and written assignments, presentations, examinations, and projects will furnish doctoral student with tools necessary for data analysis associated with dissertation requirement.

7710 (771) Experimental Design in Human Performance. Three credits. Prerequisites: HLTH/PHE/REC 6610, 6700, and 7700 or equivalent. Skills and understanding necessary to evaluate designs used in HPER research literature. Practical and written assignments, evaluation of current research, examinations, and projects; knowledge and skills for planning appropriately the design for future research projects.

Courses in Health [HLTH]

5270 (527) Bioethical Issues in Health Education. Three credits. Analysis of current bioethical issues, problems, needs, trends, and interests in health education.

5280 (528) Instructor Course: First Aid and CPR. Two credits. Prerequisite: HLTH 3300 or current American Red Cross certification in multimedia first aid or standard first aid and CPR. Organizing, planning, and teaching American Red Cross safety courses. Red Cross instructor certification awarded for successful completion.

5290 (529) Corrective Therapy-Clinical Training Program. Nine credits. Orientation, observation, and practice in the methods and techniques of medical rehabilitation and application of physical education principles to the treatment of illness and injury. Student-trainee program affiliated with the Veterans Administration Hospital, Murfreesboro; training designed to prepare therapists for medical treatment programs.

5310 (531) Health Problems of Exceptional Children. Three credits. Common health problems with emphasis on those peculiar to children in various areas of exceptionality. Consideration given to identification and referral.

5340 (534) Wellness and Healthy Lifestyles. Three credits. (Same as PHED and REC 5340.) Developing healthy lifestyles through health appraisal, fitness evaluation, identification of cardiovascular risk factors, and individual exercise prescriptions.

5600 (560) Technology Applications. One credit. (Same as PHED and REC 5600.) Prerequisite: Introductory course in computer literacy or equivalent with instructor permission. Corequisite: 5601. Focus on understanding of and competency in use of a variety of technology applications related to the profession. Students required to enroll in the corresponding lab during the same semester.

5601 (560L) Technology Applications Lab. Two credits. (Same as PHED and REC 560L.) Corequisite: HLTH 560L. Investigation and application of profession-specific software and hardware applications.
6850 (685) Methods in Epidemiology. Three credits. Principles and methods of epidemiologic analysis including standardization; stratified analysis; confounding and its control; planning and conducting epidemiologic research; role of multivariate analysis in epidemiologic research.


6870 (687) Health Promotion. Three credits. Health promotion knowledge as well as the ability to impart this knowledge to the lay population. In-depth information will be covered regarding lifestyle and its relationship to risk factors for cardiovascular disease and cancer.

6880 (688) Internship/Special Projects. Three to six credits. (Same as PHED 6880.) On-site practical experience in an exercise science, health promotion, or sport management program. Those with extensive work experience will develop, implement, and conclude a project (research or applied) in consultation with the major professor.

6910 (691) Independent Study in Health, Physical Education, Recreation. One, two, or three credits. (Same as PHED and REC 6910.) Individual study of current problems or areas of interest.

6930 (693) Principles and Philosophy of School Health Education Programs. Three credits. A detailed overview.

6950 (695) Advanced Methods of Community Health Education. Three credits. Designed for health educators, classroom teachers, physical educators, administrators, and others interested in methods and procedures of community health education.

6960 (696) Health Dimensions. Three credits. Advanced content for teachers of personal and community health; designed for updating professional preparation and for gaining additional in-depth basics utilized in curriculum planning, teaching, public service, and research by school health educators.

6970 (697) Advanced Methods in Human Sexuality Education. Three credits. Methodology, teaching techniques, and the organization of sexuality education programs for schools (K-12) and other community settings. Additional emphasis directed to concepts and information about human sexuality education, i.e. the psychological, physiological, sociological, and ethical aspects.

7120 (712) Research in Epidemiology. Three credits. Advanced study in epidemiological analysis, methods, and critique with an emphasis within the field of health and human performance. Areas include epidemiology and chronic disease, public health, exercise science, and sports medicine.

**Courses in Athletic Coaching [ATHC]**

5060 (506) Sport Psychology. Three credits. Application of the knowledge base of psychology to the human endeavors of athletics. Introduction of behavioral principles, motivational research, personality factors, social/psychological findings, cognitive processes, dysfunctional behavior knowledge, and psychometric assessment procedures for the purpose of enhancing performance.

5180 (518) Coaching Speed/Strength Conditioning for Sports. Three credits. Organizing and developing speed and strength conditioning programs for sports. Setting up and supervising proper methods and techniques in running, weight lifting, and conditioning exercise for athletics today.
Courses in Athletic Training [ATHT]

5610 (561) **Prevention and Care of Athletic Injuries.** Three credits. Theory and practice in the prevention and care of athletic injuries including treatment, taping, and rehabilitation.

5960 (596) **Rehabilitation Techniques in Sports Medicine.** Three credits. Methods and techniques in the selection and application. The N.A.T.A. Competencies in Athletic Training will be a guideline for knowledge that each student should obtain. Students will engage in the process of reviewing, analyzing, discussing, and reflecting about athletic training.

5970 (597) **Therapeutic Modalities in Sports Medicine.** Three credits. Methods and techniques in the application of selected therapeutic modalities and the evaluation of injuries relative to modalities. The N.A.T.A. Competencies in Athletic Training will be a guideline for knowledge that each student should obtain. Reviewing, analyzing, discussing, synthesizing, and reflecting about athletic training.

6020 (602) **Somatic Therapy Techniques for Health Care Providers.** Three credits. (Same as HLTH 6020.) Examines the concepts, knowledge, theories, and history of Somatic Therapy. Emphasis on Swedish-Esalen, Sports Massage, Shiatsu, and Connective Tissue. Includes advanced rehabilitative and therapeutic modality techniques and combines didactic and some experiential opportunities.

Courses in Recreation [REC]

5340 (534) **Wellness and Healthy Lifestyles.** Three credits. (Same as HLTH and PHED 5340.) Developing healthy lifestyles through health appraisal, fitness evaluation, identification of cardiovascular risk factors, and individual exercise prescriptions.

5380 (538) **Introduction to Recreation for Persons with Disability.** Three credits. Important issues such as advocacy, accessibility, legalities, and the importance of and broad range of opportunities in the provision of recreational services for persons with disability in our society.

5470 **Leisure and Aging.** Three credits. Aging relative to the individual, family, peers, and society with an emphasis on leisure. The holistic approach including physical, psychological, social, cultural, environmental, and cognitive aspects explored. Interdisciplinary approach ideal for the developing or practicing human service professional.

5480 (548) **Recreational Therapy Techniques.** Three credits. Activity-based therapeutic interventions currently utilized to alleviate existing health-related problems, maintain current level of functioning, or to assist in overall rehabilitation efforts of transdisciplinary treatment team.

5490 (549) **Campus Recreation.** Three credits. For those wishing to acquire a specific and comprehensive knowledge of the recre-
5499 Therapeutic Terminology in Recreational Therapy. Three credits. Offers preparation for establishing a vital knowledge base necessary to work in today’s fast changing rehabilitation settings. Terminology related to third-party reimbursement, accreditation of health care organizations, and basic medical abbreviations used in charting.

5500 (550) Introduction to Recreational Therapy. Three credits. Prerequisite: REC 3010. Explores the profession of recreational therapy, the wide range of disabilities, and the role of intervention in a variety of settings: clinical, community, and transitional. Topics include history, philosophy, professional development/certification, systemic program design, and implementation.

5510 (551) Recreational Therapy in Clinical Settings. Three credits. Prerequisites: REC 3010 and 4500. Increases understanding of recreational therapy in clinical settings working with persons with health-related issues and/or disabilities. Concepts of disease and disability, holistic approach, interdisciplinary treatment, assessment, intervention planning and implementation, evaluation, documentation, and third-party reimbursement explored.

5520 (552) Transitional and Community Recreational Therapy. Three credits. Issues clients may face when leaving institutions and returning to their communities. Examines the role and provision of recreational therapy services in transitional and community-based settings.

5540 (554) Organization and Administration of Recreation. Three credits. Prerequisites: REC 3010 and 9 hours of recreation courses. Duties and responsibilities of an administrator and how these are performed.

5560 (556) Field Studies in Recreation and Parks. Three credits. Prerequisites: REC 2500 and 3530. Opportunity for supervised practical application of classroom theory in professional field work.

5570 (557) Outdoor Recreation Workshop. Three credits. Off-campus course that provides materials and experiences not available in the classroom. Exposure to issues, trends, and concerns relevant to outdoor recreation, resource management, and the delivery of programs and services in outdoor environments. Public, private non-profits, and commercial agencies experienced through a series of field trips, lectures, group exercises, and other experiential-based activities.

5580 (558) Seminar: Outdoor Recreation and Environmental Issues. Three credits. Awareness of the importance of environmental considerations when planning, managing, or administering outdoor recreation programs. Includes environmental issues and methods of seeking solutions to environmental problems.

5590 (559) Readings in Parks and Recreation. Three credits. In-depth reading and preparation of an annotated bibliography and report. Arrangements for this course should be made with the instructor prior to registration.

5600 (560) Technology Applications. One credit. (Same as HLTH and PHED 5600.) Prerequisite: Introductory course in computer literacy or equivalent with instructor permission. Corequisite: 5601. Focus on understanding of and competency in use of a variety of technology applications related to the profession. Students required to enroll in the corresponding lab during the same semester.

5601 (560L) Technology Applications Lab. Two credits. (Same as HLTH and PHED 5601.) Corequisite: REC 5600. Investigation and application of profession-specific software and hardware applications.

5660 (566) Evaluation of Recreation and Leisure Services. Three credits. Research and evaluation procedures and techniques applicable to assessing recreation and leisure service programs, participants, administrative structures, and resources. Emphasis on beginning and completing a “real-world” evaluation project.

5790 (579) Sport and Society. Three credits. (Same as SOC 5790.) A behavioral approach to the sport and leisure phenomena from the related perspectives of sociology and anthropology.

5920 (592) Special Problems. One, two, or three credits. (Same as PHED and HLTH 5920.) Presentation and discussion of research work in physical education, recreation, health and safety education, or athletics. (A maximum of three semester hours may be applied toward a degree.)

6500 (650) Legal Issues and Risk Management in Physical Education, Sport and Leisure Services. Three credits. (Same as PHED 6500.) Understanding the legal basis for management actions, concepts of legal liability including torts and contracts as applied to physical education, sport, and leisure services organizations. Emphasis on the ability to plan, develop, and implement risk management programs.

6510 Financial Management and Marketing of Leisure Services. Three credits. Principles and practices of budgeting, financial methods and strategies, and revenue sources for recreation and leisure service agencies, including cost accounting and fiscal control. Includes traditional approaches to marketing with particular focus on approaches unique to recreation and leisure services organizations.

6520 (652) Management Practices in Recreation and Leisure. Three credits. An analysis of administrative processes and management techniques used in planning, organizing, staffing, directing, and controlling with respect to leisure service delivery systems.

6530 (653) Historical and Philosophical Principles in Recreation and Leisure Services. Three credits. Identification of principles and practices applicable to a variety of opportunities in public, private, institutional, and industrial recreation.

6550 (655) Outdoor Environmental Education. Three credits. Camp leadership and outdoor education principles with implications for management, planning of, and interpretation in recreation areas as well as for policy development.

6570 (657) Issues, Trends, and Research in Recreation. Three credits. Identification and analysis. Emphasis on meaningful, outstanding studies and research in the field of recreation.

6610 (661) Research Methods in HPERS. Three credits. (Same as HLTH and PHED 6610.) Location of information, methods of research, methods of collecting data, application of the computer in analyzing data, preparation and presentation of a research paper.

6640 (664) Thesis Research. One to six credits. (Same as HLTH and PHED 6640.) Selection of a research problem, review of pertinent literature, collection and analysis of data, and composition of thesis. Once enrolled, student should register for at least one credit hour of master’s research each semester until completion. S/U grading.

6700 (670) Data Analysis and Organization for Human Performance. Three credits. (Same as HLTH and PHED 6700.) Prerequisites: PHED 4810 or equivalent, good understanding of mathematical concepts, and computer literacy. Pertinent skills needed to analyze and organize research data through introduction of concepts, principles, techniques, and activities that will lead to the appropriate organization and analysis of research data collected for health and human performance.

6910 (691) Independent Study in Health, Physical Education, and Recreation. One, two, or three credits. (Same as HLTH and PHED 6910.) Individual study of current problems or areas of interest.

Courses in Safety [SAFE]

5320 (532) Principles of Accident Control. Three credits. Principles, concepts, and methodology of the safety movement. Introductory experiences dealing with accident prevention as well as control efforts recommended by various social institutions and agencies reviewed.

5350 (535) Automotive Transportation Safety Programs. Three credits. Federal, state, and local legislation concerning transportation control and design.

5850 (585) Driver and Traffic Safety Fundamentals. Three credits. Prerequisite: Valid driver’s license. Introduction to the field of driver and traffic safety education. Primary focus is on current concepts related to safe driving.

5870 (587) Teaching Driver and Traffic Safety. Three credits. Prerequisite: SAFE 4850 or 5850. Designed to develop teaching techniques for laboratory instruction including on-street, driving simulator, and multiple-car range programs.

6410 (641) Administration and Supervision of Safety Programs in Schools and Colleges. Three credits. An overview of the total program administration through analysis of tasks, strategies, and situational factors affecting them; examines handicaps to safety programming, needed change, and methods for implementation.

6450 (645) Field Practice in Safety Education. Three credits. Professional assignment under supervision of one or more safety educators or agency directors in school or community organizations.

6470 (647) Disaster Preparedness and Emergency Care Systems. Three credits. Major elements involved in disasters and emergencies, preparedness planning, systems utilization, and attention to essential human services, with emphasis on community action.

6920 (692) School Safety and Safety Education. Three credits. School safety education concepts in all disciplines and levels, including content, methodology, and teacher liability.