Master of Education (M.Ed), Major in Physical Education

Major Program
The educational foundations specialization (master’s only or master’s and teacher certification through the MAC program) is designed for individuals pursuing careers as professional educators (physical education teachers and coaches) in elementary, secondary, or higher education settings.

Admission Policy
For information regarding admission application requirements and deadlines, please visit The Graduate College website at http://www.gradcollege.txstate.edu/pe.html.

Degree Requirements
Students seeking a master of education (M.Ed.) with a major in physical education may choose to pursue a minor or a specialization in educational foundations. Students may choose from the thesis (30 hours) or non-thesis (36 hours) option.

A physical education major is expected to have a minimum of 18 semester hours of physical education course work at the undergraduate level, exclusive of physical education activity courses. Students who do not have undergraduate course work in physical education may be required to complete graduate leveling courses.

Course Work Requirements
Non-thesis Option with 15-hour Minor

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>ESS 5305</td>
<td>Advanced Fitness Assessment and Exercise Prescription</td>
<td>3</td>
</tr>
<tr>
<td>ESS 5306</td>
<td>Advanced Exercise Physiology</td>
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</tr>
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</tr>
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Graduate Advisor-approved Elective 3

Minor Course Work

Choose 15-hour minor (Needs advisor approval) 15

Total Hours 36

Thesis Option with 9-hour Minor

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Graduate Advisor-approved Elective 3

Minor Course Work

Choose 9-hour minor (Needs advisor approval) 9

Total Hours 36

MAC Specialization Option with Teacher Certification

Physical Education Course Work

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<tr>
<td>ESS 5304</td>
<td>Motor Learning and Performance</td>
<td>3</td>
</tr>
<tr>
<td>ESS 5322</td>
<td>Inclusion and Diversity in Physical Activity and Sport</td>
<td>3</td>
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Supporting Course Work

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<tbody>
<tr>
<td>CI 5370</td>
<td>Classroom Management, Discipline, and Legal Issues</td>
<td>3</td>
</tr>
<tr>
<td>CI 5314</td>
<td>Human Growth and Development II</td>
<td>3</td>
</tr>
<tr>
<td>CI 5324</td>
<td>Systems for Advanced Academics and Talent Development</td>
<td>3</td>
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Educational Foundations Course Work

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<tr>
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<tbody>
<tr>
<td>CI 5333</td>
<td>The Secondary Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>CI 5363</td>
<td>Strategies for Improving Secondary Teaching</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours 36

Educational Foundations Specialization (Non-thesis)

Physical Education Course Work

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Physical Education Course Work

Choose 9 hours from the following:

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<td>Motor Learning and Performance</td>
<td>3</td>
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</table>
The students must submit an official Master's Thesis Proposal form to their thesis committee. The required thesis proposal form may be obtained from The Graduate College at http://www.gradcollege.txstate.edu/gcforms.html. After signing the form and obtaining committee members' signatures, graduate advisor's signature (if required by the program), and the department chair's signature, the student must submit the thesis proposal form with one copy of the proposal attached to the dean of The Graduate College for approval before proceeding with research on the thesis. If the thesis research involves human subjects, the student must obtain exemption or approval from the Texas State Institutional Review Board prior to submitting the proposal form to The Graduate College. If the thesis research involves vertebrate animals, the proposal form must include the Texas State IACUC approval code. It is recommended the thesis proposal form be submitted to the dean of The Graduate College for approval before proceeding with research on the thesis. If the thesis research involves human subjects, the student must obtain exemption or approval from the Texas State Institutional Review Board prior to submitting the proposal form to The Graduate College. If the thesis research involves vertebrate animals, the proposal form must include the Texas State IACUC approval code. It is recommended the thesis proposal form be submitted to the dean of The Graduate College for approval before proceeding with research on the thesis.

### Thesis Committee

The thesis committee must be composed of a minimum of three approved graduate faculty members.
Graduate College webpage for specific deadlines:

The following must be submitted to the office of The Graduate College by no later than 41 days before the date of the commencement at which the degree is to be conferred. The completed thesis must be submitted to the chair of the thesis committee no later than 24 days, not counting weekends or holidays, before the date of commencement at which the degree is to be conferred (see The Thesis/Dissertation Committee Approval form bearing original signatures of the student and all committee members.

A student will be required to enroll in and pay the fee for at least one hour of the thesis course during any term in which the student will receive thesis supervision or guidance and/or in which the student is using university resources. Failure to register for the thesis course during a term in which supervision is received may result in postponement of graduation. After initial enrollment in 5399A, the student will continue to enroll in a thesis B course as long as it takes to complete the thesis. In the rare case when a student has not previously enrolled in thesis and plans to work on and complete the thesis in one term, the student will enroll in both 5399A and 5399B. The only grades assigned for thesis courses are PR (progress), CR (credit), W (withdrew), and F (failing). If acceptable progress is not being made in a thesis course, the instructor may issue a grade of F. If the student is making acceptable progress, a grade of PR is assigned until the thesis is completed. The minimum number of hours of thesis credit ("CR") will be awarded only after the thesis is filed in the Alkek Library and the librarian has electronically returned the thesis card to the office of The Graduate College.

A student who has selected the thesis option must be registered for the thesis course during the term or Summer I (during summer the thesis course runs ten weeks for both sessions) in which the degree will be conferred.

Fee Reduction

A master's degree candidate for graduation may be eligible for a one-time fee reduction under V.T.C.A. Education Code, Section 54.054. Please refer to the section titled Fee Reduction in the Additional Fees and Expenses chapter of this catalog for more information.

Thesis Deadlines and Approval Process

Thesis deadlines are posted at the following web page: http://www.gradcollege.txstate.edu/Thes-Diss_Info/T-D_Deadlines.html. The completed thesis must be submitted to the chair of the thesis committee no later than 41 days before the date of the commencement at which the degree is to be conferred.

The following must be submitted to the office of The Graduate College no later than 24 days, not counting weekends or holidays, before the date of commencement at which the degree is to be conferred (see The Graduate College webpage for specific deadlines):

1. The Thesis/Dissertation Committee Approval form bearing original signatures of the student and all committee members.
2. One (1) copy of the thesis in final form, approved by all committee members, on standard paper (Hard-copy Submission Option) or PDF of the thesis in final form, approved by all committee members, uploaded in the on-line Vireo submission system (Vireo On-line Submission Option).

After the dean of The Graduate College approves the thesis, the process is as follows:

1. For the Vireo On-line Submission Option:
   a. No copies are required to be submitted to the Alkek Library.
   b. However, Alkek will bind copies submitted that the student wants bound for personal use. Personal copies are not required to be printed on archival quality paper. The student will take the personal copies to the Alkek Library and pay the binding fee for personal copies.

Master's level courses in Health and Human Performance: AT (p. 3), ESS (p. 5), HED (p. 8), REC (p. 10)

Courses Offered

Athletic Training (AT)

AT 5101. Graduate Assistant Development.
This course is required of all graduate assistants and provides regular in-service and planned periodic evaluations of instructional responsibilities. Graduate assistants are required to register for this course in the spring semester of their employment. This course does not earn graduate degree credit. Graded on a credit (CR), no-credit (F) basis.

1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.
Course Attribute(s): Graduate Assistantship|Exclude from Graduate GPA
Grade Mode: Leveling/Assistantships about Graduate Assistant Development

AT 5199B. Thesis.
This course represents a student's continuing thesis enrollments. The student continues to enroll in this course until the thesis is submitted for binding. Graded on a credit (CR), progress (PR), no credit (F) basis.

1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit about Thesis

AT 5201. Graduate Assistant Development.
This course is required of all graduate assistants and provides in-service and planned periodic evaluations of instructional responsibilities. Graduate assistants are required to register for this course in the fall semester of their employment. This course does not earn graduate degree credit. Graded on a credit (CR), no-credit (F) basis.

2 Credit Hours. 2 Lecture Contact Hours. 0 Lab Contact Hours.
Course Attribute(s): Graduate Assistantship|Exclude from Graduate GPA
Grade Mode: Leveling/Assistantships about Graduate Assistant Development

AT 5299B. Thesis.
This course represents a student's continuing thesis enrollments. The student continues to enroll in this course until the thesis is submitted for binding. Graded on a credit (CR), progress (PR), no credit (F) basis.

2 Credit Hours. 2 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit about Thesis
AT 5302. Special Topics in Athletic Training.
This course is designed to educate students in the scientific process and develop an in-depth understanding of the research process in Athletic Training.
about Special Topics in Athletic Training
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Special Topics in Athletic Training

AT 5303. Seminar in Athletic Training.
Current trends in athletic and physical education concerning the care and prevention of injuries with special emphasis on therapeutic and rehabilitation techniques. Taping and bandaging will be practiced in a laboratory situation.
about Seminar in Athletic Training
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Seminar in Athletic Training

AT 5307. Bioenergetics of Exercise and Rehabilitation.
This course is designed to provide both a theoretical and clinical basis for the use of therapeutic exercise in physiological basis of muscular, respiratory, cardiovascular, and nervous systems in the rehabilitation of all athletic injuries. Must be admitted to the M.S in Athletic Training Program or instructor approval required.
about Bioenergetics of Exercise and Rehabilitation
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Bioenergetics of Exercise and Rehabilitation

AT 5308. Therapeutic Exercise and Rehabilitation.
This course is designed to provide both a theoretical and clinical basis for the use of therapeutic exercise in the rehabilitation setting, as well as to impart knowledge pertaining to the physiological effects, indications, contraindications and applications of therapeutic exercise in the rehabilitation of all athletic injuries. Must be admitted to the M.S. in Athletic Training Program.
about Therapeutic Exercise and Rehabilitation
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Therapeutic Exercise and Rehabilitation

AT 5310. Proprioception and Neuromuscular Control in Rehabilitation.
This course provides for an advanced study of the concepts, theories, and current research related to proprioception, postural stability, and neuromuscular control as applied to the prevention, diagnosis, and clinical management of sport-related musculoskeletal injuries and concussions. Must be admitted to the M.S. in Athletic Training Program or instructor approval required.
about Proprioception and Neuromuscular Control in Rehabilitation
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Proprioception and Neuromuscular Control in Rehabilitation

AT 5311. Biomechanics of Musculoskeletal Injury.
This course focuses on the application of biomechanical principles to the pathoetiology, diagnosis, and physiological capacity for healing of injuries to bone, ligament, tendon, cartilage, and other human tissues, with an emphasis on current injury research. Must be admitted to the M.S. in Athletic Training Program or instructor approval required.
about Biomechanics of Musculoskeletal Injury
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Biomechanics of Musculoskeletal Injury

AT 5312. Evidence-Based Practice in Sports Medicine.
This course is designed to provide students with advanced study in the elements of evidence-based practice in sports medicine with focus on the role of accessing, retrieving, and critically appraising evidence to answer clinical questions in patient care. Must be admitted to the M.S. in Athletic Training Program or instructor approval required. Prerequisite: ESS 5346.
about Evidence-Based Practice in Sports Medicine
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Evidence-Based Practice in Sports Medicine

AT 5318. Therapeutic Evaluation and Intervention.
This course explores the scientific bases of therapeutic musculoskeletal exercise and neuromuscular evaluative techniques in the rehabilitation process. Must be admitted to the M.S. in Athletic Training Program.
about Therapeutic Evaluation and Intervention
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Therapeutic Evaluation and Intervention

AT 5347. Independent Study in Athletic Training.
This course may be taken by a student who desires to work on a research problem or investigation in Athletic Training. The student gathers and analyzes pertinent data and submits a report of the results of the research. Repeatable once for credit. Prerequisite: ESS 5346.
about Independent Study in Athletic Training
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Independent Study in Athletic Training

AT 5399A. Thesis.
This course represents a student’s initial thesis enrollment. No thesis credit is awarded until student has completed the thesis in AT 5399B. Graded on a credit (CR), progress (PR), no credit (F) basis.
about Thesis
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit
about Thesis

AT 5399B. Thesis.
This course represents a student’s continuing thesis enrollment. The student continues to enroll in this course until the thesis is submitted for binding. Graded on a credit (CR), progress (PR), no credit (F) basis.
about Thesis
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit
about Thesis
AT 5599B. Thesis.
This course represents a student's continuing thesis enrollments. The student continues to enroll in this course until the thesis is submitted for binding. Graded on a credit (CR), progress (PR), no credit (F) basis.

about Thesis

5 Credit Hours. 5 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit

AT 5999B. Thesis.
This course represents a student's continuing thesis enrollments. The student continues to enroll in this course until the thesis is submitted for binding. Graded on a credit (CR), progress (PR), no credit (F) basis.

about Thesis

9 Credit Hours. 9 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit

Exercise Science Specialization (ESS)

ESS 5101. Graduate Assistant Development.
This course is required of all graduate teaching and instructional assistants in the department. This course provides regular in-service and planned periodic evaluations of instructional and professional responsibilities. This course does not earn graduate credit. Graded on a credit (CR), no-credit (F) basis.

about Graduate Assistant Development

1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.
Course Attribute(s): Graduate Assistantship|Exclude from Graduate GPA
Grade Mode: Leveling/Assistantships

ESS 5117. Laboratory in Exercise Physiology.
Students in this leveling laboratory course perform experiments that highlight the physiological responses to exercise. The course introduces students to basic techniques in the assessment of health and human performance, including the assessment of maximal oxygen consumption, body composition, anaerobic power and capacity, muscular fitness, movement economy, and dietary intake. Prerequisite: BIO 2430 or equivalent. Co-requisite: ESS 5317.

about Laboratory in Exercise Physiology

1 Credit Hour. 0 Lecture Contact Hours. 2 Lab Contact Hours.
Course Attribute(s): Exclude from Graduate GPA|Leveling
Grade Mode: Leveling/Assistantships

ESS 5199B. Thesis.
This course represents a student's continuing thesis enrollment. The student continues to enroll in this course until the completed thesis is submitted for binding. Graded on a credit (CR), in progress (PR), or no credit (F) basis. Prerequisite: ESS 5399A.

about Thesis

1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit

ESS 5201. Graduate Assistant Development.
This course is required of all graduate teaching and instructional assistants in the department. This course provides regular in-service and planned periodic evaluations of instructional and professional responsibilities. This course does not earn graduate credit. Graded on a credit (CR), no-credit (F) basis.

about Graduate Assistant Development

2 Credit Hours. 2 Lecture Contact Hours. 0 Lab Contact Hours.
Course Attribute(s): Graduate Assistantship|Exclude from Graduate GPA
Grade Mode: Leveling/Assistantships

ESS 5299B. Thesis.
This course represents a student's continuing thesis enrollment. The student continues to enroll in this course until the completed thesis is submitted for binding. Graded on a credit (CR), in progress (PR), or no credit (F) basis. Prerequisite: ESS 5399A.

about Thesis

2 Credit Hours. 2 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit

ESS 5303. Adapted Physical Education.
A leveling course designed to provide content knowledge on legal mandates, evidence-based practices, and the characteristics of selected disabilities and their consideration when designing meaningful individualized physical activity experiences to meet the needs of students with disabilities in school settings.

about Adapted Physical Education

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

ESS 5304. Motor Learning and Performance.
This course is designed to provide students the foundation for understanding the principles involved in enhancing motor skill acquisition, and physiological, neurological, and psychological factors affecting motor learning and performance. Inquiry is made into the various motor learning theories and concepts.

about Motor Learning and Performance

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

ESS 5305. Advanced Fitness Assessment and Exercise Prescription.
This course provides an intensive study of current scientifically based exercise testing and prescription procedures. Students will learn how to evaluate fitness and prescribe exercise through laboratory experiences.

about Advanced Fitness Assessment and Exercise Prescription

3 Credit Hours. 2 Lecture Contact Hours. 1 Lab Contact Hour.
Grade Mode: Standard Letter
ESS 5306. Advanced Exercise Physiology.
This advanced course will provide students with a thorough understanding of the acute responses to exercise and the physiological adaptations that occur in response to exercise training. Additional topics to be covered include environmental influences, aging, and sex differences.

about Advanced Exercise Physiology
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Advanced Exercise Physiology

This course will include the development, instruction, and evaluation of resistance training exercises and programs for diverse populations and settings. Physiological and mechanical principles related to resistance training will be applied to study human performance, injury prevention, and rehabilitation.

about Advanced Resistance Training and Conditioning
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Advanced Resistance Training and Conditioning

ESS 5308. Physical Activity, Exercise, and Epidemiology.
This course will provide students with opportunities to examine the role of physical inactivity in the development of chronic diseases and the benefits of activity in prevention efforts. A special emphasis will be placed on activity assessment and intervention research.

about Physical Activity, Exercise, and Epidemiology
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Physical Activity, Exercise, and Epidemiology

Review of current research and research techniques in the biomechanics of exercise and sport science. Students will develop skills in reviewing, planning, and conducting biomechanical research.

about Biomechanics for Exercise & Sports Science
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Biomechanics for Exercise & Sports Science

ESS 5310. Cardiopulmonary Exercise Physiology.
The course will provide students with a thorough understanding of the structure, function, neural mechanisms, and integrated responses of the human cardiopulmonary system to acute and chronic exercise. In addition, basic cardiopulmonary pathology, pharmacology, and electrocardiography will be introduced.

about Cardiopulmonary Exercise Physiology
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Cardiopulmonary Exercise Physiology

ESS 5311. Applied Neuromuscular and Skeletal Muscle Physiology.
The course will provide students with a thorough understanding of the structure and function of neuromuscular and skeletal muscle physiology. This course will examine mechanisms that regulate skeletal muscle force production and human performance in response to acute and chronic exercise. In addition, advanced laboratory techniques will be introduced.

about Applied Neuromuscular and Skeletal Muscle Physiology
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Applied Neuromuscular and Skeletal Muscle Physiology

ESS 5317. Exercise Physiology.
This leveling course provides an overview of the acute and chronic physiological responses to exercise. Emphasis is on muscle bioenergetics, muscle contractile properties, optimizing human performance through training and supplementation, as well as cardiopulmonary and endocrine responses to exercise. Prerequisite: BIO 2430 or equivalent. Corequisite: ESS 5117.

about Exercise Physiology
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Course Attribute(s): Exclude from Graduate GPA|Lab Required|Leveling
Grade Mode: Leveling/Assistantships
about Exercise Physiology

ESS 5320. Biomechanics.
This leveling course provides an introduction to the mechanical foundations of anatomical function and human movement. Qualitative and quantitative biomechanical analyses of human movement are introduced to inform the prescription of technique, equipment, and training interventions. Prerequisite: BIO 2430 or equivalent.

about Biomechanics
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Course Attribute(s): Exclude from Graduate GPA|Leveling
Grade Mode: Leveling/Assistantships
about Biomechanics

ESS 5322. Inclusion and Diversity in Physical Activity and Sport.
This course is designed to prepare physical activity and sport educators with knowledge, skills, and strategies to create inclusive learning environments. Culturally responsive teaching strategies that best accommodate the individual needs of children, adolescents, and adults, with diverse ethnic, racial, cultural, socio-economic, physical, and cognitive needs will be emphasized.

about Inclusion and Diversity in Physical Activity and Sport
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Inclusion and Diversity in Physical Activity and Sport

This survey course addresses the selection, administration, and interpretation of commonly used assessment tools and practices for collecting physical and motor performance data on children with disabilities.

about Physical and Motor Assessment of Children with Disabilities
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Physical and Motor Assessment of Children with Disabilities

ESS 5329. Motor Learning.
This course provides students with an understanding of the physiological, neurological, and psychological factors affecting performance and acquisition of motor skills. Students will examine the structural components underlying the learning of motor skills and draw upon examples from sport, physical activities, and rehabilitation.

about Motor Learning
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Motor Learning
ESS 5344. Improving Instruction and Assessment in Physical Activity and Sport.
This course is a comprehensive study of pedagogical research examining effective teaching and assessment strategies in physical activity and sport. The use of assessment to improve instruction, learning outcomes, and programming will be emphasized. The course is designed to promote reflective physical activity and sport educators.
about Improving Instruction and Assessment in Physical Activity and Sport
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Improving Instruction and Assessment in Physical Activity and Sport

A study of research methods related to techniques for searching the professional research literature, understanding, planning, and conducting professional research projects, as well as development of skills for writing research proposals related to human performance.
about Research Methods in Health and Human Performance
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Research Methods in Health and Human Performance

ESS 5347. Independent Study in Exercise Science.
The course allows students to receive individualized instruction while working on a professional project with a supervising faculty member. This course will require students to enhance their writing, research, teaching, and/or presentation skills. Repeatable once for credit.
about Independent Study in Exercise Science
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Independent Study in Exercise Science

This leveling course examines fundamental principles and techniques of measuring human performance related to Exercise and Sports Science, as well as evaluating and interpreting the results of exercise science and human performance tests in children and adults. This course does not earn graduate degree credit. Graded on a credit (CR), no-credit (F) basis.
about Measurement & Evaluation in Exercise Science
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Course Attribute(s): Exclude from Graduate GPA|Leveling
Grade Mode: Leveling/Assistantships
about Measurement & Evaluation in Exercise Science

ESS 5353. Curriculum and Instruction in Physical Activity and Sport.
This course examines contemporary evidenced-based curriculum models. It is designed to enable students to develop and implement developmentally appropriate and theoretically based physical activity and sport programs in schools, communities, and athletic venues.
about Curriculum and Instruction in Physical Activity and Sport
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Curriculum and Instruction in Physical Activity and Sport

A study of quantitative statistical methods for planning and conducting experimental and correlational research, as well as techniques for statistical data analysis and interpretation applicable to health and human performance.
about Applied Statistics in Health and Human Performance
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Applied Statistics in Health and Human Performance

ESS 5391. Administrative Problems in Competitive Sports.
This course investigates problems of organization and administration of the various programs in competitive sports for men and women in junior high, secondary, and collegiate levels.
about Administrative Problems in Competitive Sports
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Administrative Problems in Competitive Sports

ESS 5398. Internship in Exercise and Sports Science.
This 240-hour internship provides students with work-related experience with children, adults, older individuals, or athletes in exercise settings. Students are provided an opportunity to prescribe and supervise age- and fitness-appropriate exercise programs and perform exercise tests. Prerequisite: ESS 5306.
about Internship in Exercise and Sports Science
3 Credit Hours. 0 Lecture Contact Hours. 20 Lab Contact Hours.
Grade Mode: Standard Letter
about Internship in Exercise and Sports Science

ESS 5399A. Thesis.
This course represents a student's initial thesis enrollment. No thesis course credit is awarded until the student has completed the entire thesis required in ESS 5399B. Graded on a credit (CR), in progress (PR), or no credit (F) basis. Prerequisites: ESS 5346 and ESS 5356.
about Thesis
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit
about Thesis

ESS 5399B. Thesis.
This course represents a student's continuing thesis enrollment. The student continues to enroll in this course until the completed thesis is submitted for binding. Graded on a credit (CR), in progress (PR), or no credit (F) basis. Prerequisite: ESS 5399A.
about Thesis
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit
about Thesis

ESS 5599B. Thesis.
This course represents a student's continuing thesis enrollment. The student continues to enroll in this course until the completed thesis is submitted for binding. Graded on a credit (CR), in progress (PR), or no credit (F) basis. Prerequisite: ESS 5399A.
about Thesis
5 Credit Hours. 5 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit
about Thesis
ESS 5624. Principles and Practices for Teaching Physical Education. This is a leveling class for graduate students pursuing teaching certification in physical education. Particular emphasis is placed on methods of teaching physical education. This course does not earn graduate credit. Departmental Approval required.

about Principles and Practices for Teaching Physical Education

6 Credit Hours. 6 Lecture Contact Hours. 0 Lab Contact Hours.
Course Attribute(s): Exclude from Graduate GPA|Leveling
Grade Mode: Leveling/Assistantships

about Principles and Practices for Teaching Physical Education

ESS 5698. Internship in Exercise and Sports Science. This full-time internship provides students with a minimum of 480 hours of field experience. Students will work with children, adults, older individuals, or athletes in exercise or health care settings, and prescribe and supervise age and fitness appropriate exercise programs and perform comprehensive health-related assessments.

about Internship in Exercise and Sports Science

6 Credit Hours. 0 Lecture Contact Hours. 40 Lab Contact Hours.
Grade Mode: Standard Letter
about Internship in Exercise and Sports Science

ESS 5599B. Thesis. This course represents a student’s continuing thesis enrollment. The student continues to enroll in this course until the completed thesis is submitted for binding. Graded on a credit (CR), in progress (PR), or no credit (F) basis. Prerequisite: ESS 5599A.

about Thesis

9 Credit Hours. 9 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit
about Thesis

Health Education (H ED)

H ED 5201. Graduate Assistant Development. This course is required of all graduate teaching and instructional assistants in HPER. This course provides regular in-service and planned periodic evaluations of instructional responsibilities. Graduate assistants will be required to register for this course in the fall semester of their employment. This course does not earn graduate credit. Graded on a credit (CR), no-credit (F) basis.

about Graduate Assistant Development

2 Credit Hours. 2 Lecture Contact Hours. 0 Lab Contact Hours.
Course Attribute(s): Graduate Assistantship|Exclude from Graduate GPA
Grade Mode: Leveling/Assistantships
about Graduate Assistant Development

H ED 5299B. Thesis. This course represents a student’s continuing thesis enrollments. The student continues to enroll in this course until the thesis is submitted for binding. Graded on a credit (CR), progress (PR), no credit (F) basis.

about Thesis

2 Credit Hours. 2 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit
about Thesis

H ED 5310. History and Philosophy of Health Education. Intensive study of historical and philosophical contributions to health promotion program development. Current political issues, public health issues, and influential cultural changes are examined.

about History and Philosophy of Health Education

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about History and Philosophy of Health Education

H ED 5312. Reading, Writing, and Understanding Research in Health and Wellness Promotion. This course provides practical experience in technical and professional writing skills. In addition, techniques to read and understand research in health and wellness promotion will be presented. Understanding application of research in school, community, and public health programs will be emphasized.

about Reading, Writing, and Understanding Research in Health and Wellness Promotion

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Reading, Writing, and Understanding Research in Health and Wellness Promotion

H ED 5315. Application of Quantitative Data Analysis in Health and Wellness Promotion (Research II). This course focuses on the study of introductory and intermediate statistics and procedures. Emphasis will be placed on the application level of statistics rather than the theoretical and will highlight a) how to apply statistical models, b) how to perform the analyses with social science software, and c) how to interpret findings.

about Application of Quantitative Data Analysis in Health and Wellness Promotion (Research II)

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Application of Quantitative Data Analysis in Health and Wellness Promotion (Research II)
H ED 5320. Foundation of Public Health.  
In-depth study of past and current public health programs. Department of Health Services personnel will be utilized as guest consultants to familiarize students with various existing health programs for Texas residents. 
about Foundation of Public Health
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours. 
Grade Mode: Standard Letter 
about Foundation of Public Health

H ED 5321. Theoretical Foundations of Health Education.  
This course focuses on the presentation and critical analysis of the role of theory in health education, the description of different theories being utilized in health education research and interventions, and the application of these theories to interventions and research. 
about Theoretical Foundations of Health Education
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours. 
Grade Mode: Standard Letter 
about Theoretical Foundations of Health Education

H ED 5325. Ethical Principles in Health Education.  
This course provides an in-depth analysis of ethical standards, principles, and behaviors related to the field of health education. Students will explore how to apply, monitor, and model ethical standards in the profession. 
about Ethical Principles in Health Education
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours. 
Grade Mode: Standard Letter 
about Ethical Principles in Health Education

H ED 5330. Topics in Health Education.  
Topics: 5330A Advanced teaching strategies. 5330B Curriculum development. 5330C Other topics as needed. May be repeated once with a different emphasis for additional credit. 
about Topics in Health Education 
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours. 
Grade Mode: Standard Letter 
about Topics in Health Education 

H ED 5331. Seminar in Current Problems in Health Education.  
Current national and international trends and problems in health that affect the school age group. May be repeated once with different emphasis for additional credit. 
about Seminar in Current Problems in Health Education
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours. 
Grade Mode: Standard Letter 
about Seminar in Current Problems in Health Education

H ED 5335. Health Education Leadership.  
Structured experiences for developing administrative leadership for health education programs. Included are leadership philosophy, staffing, programming, budgeting, public relations, facilities, and evaluations. 
about Health Education Leadership
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours. 
Grade Mode: Standard Letter 
about Health Education Leadership

H ED 5340. Community Health Program Planning and Evaluation.  
Course addresses application of professional competencies in health education and promotion programs. Topics include needs assessment, data gathering techniques, instrument design, data and statistics, interpreting, reporting, and application of findings for program development. Cultural competency and communication will also be covered. 
about Community Health Program Planning and Evaluation
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours. 
Grade Mode: Standard Letter 
about Community Health Program Planning and Evaluation

H ED 5345. Issues in Human Sexuality Education.  
This course provides for in depth study of sexuality education as a lifelong process of acquiring information and forming healthy attitudes, beliefs, and values regarding sexuality. Students will analyze information and educational resources for implementing and advocating for sexuality instruction through health courses, sexuality education courses, and programs. 
about Issues in Human Sexuality Education
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours. 
Grade Mode: Standard Letter 
about Issues in Human Sexuality Education 

H ED 5346. Literature and Research in Health and Wellness Promotion (Research I).  
This course focuses on research models commonly used in health and wellness promotion. Students will learn how to design research studies using accepted research methods in the social sciences. In addition, students will write the introduction, literature review, and methods sections common in health and wellness promotion research. 
about Literature and Research in Health and Wellness Promotion (Research I) 
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours. 
Grade Mode: Standard Letter 
about Literature and Research in Health and Wellness Promotion (Research I) 

H ED 5347. Independent Study in Health Education Problems.  
Allows for independent study of one or more problems in health education that hold special interest or offer opportunity for professional improvement and growth. Open on an individual basis by special arrangement with the Division Coordinator. Repeatable once with a different emphasis. Prerequisite: H ED 5346. 
about Independent Study in Health Education Problems
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours. 
Grade Mode: Standard Letter 
about Independent Study in Health Education Problems

H ED 5360. Internship in Health Education.  
As an essential element in the preparation of health education specialists, this 240-hour internship provides students with professionally related experience. Students may work with diverse target audiences in health education settings. Internship is approved and supervised by health education graduate coordinator. 
about Internship in Health Education
3 Credit Hours. 0 Lecture Contact Hours. 20 Lab Contact Hours. 
Grade Mode: Standard Letter 
about Internship in Health Education
H ED 5374. Interprofessional Service Learning in Global Health.
This advanced course focuses on principles of international health and wellness promotion with global populations. Emphasis is placed on
assessing, planning, implementing, and evaluating prevention strategies.
Students explore roles of health educators collaborating with providers of
health services to diverse populations. The course may be repeated for
credit.
about Interprofessional Service Learning in Global Health
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Interprofessional Service Learning in Global Health

H ED 5399A. Thesis.
This course represents a student’s initial thesis enrollment. No thesis
credit is awarded until student has completed the thesis in H ED 5399B.
Graded on a credit (CR), progress (PR), no credit (F) basis. Prerequisite:
H ED 5346.
about Thesis
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit
about Thesis

H ED 5399B. Thesis.
This course represents a student’s continuing thesis enrollments. The
student continues to enroll in this course until the thesis is submitted for
binding. Graded on a credit (CR), progress (PR), no credit (F) basis.
about Thesis
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit
about Thesis

H ED 5599B. Thesis.
This course represents a student’s continuing thesis enrollments. The
student continues to enroll in this course until the thesis is submitted for
binding. Graded on a credit (CR), progress (PR), no credit (F) basis.
about Thesis
5 Credit Hours. 5 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit
about Thesis

H ED 5999B. Thesis.
This course represents a student’s continuing thesis enrollments. The
student continues to enroll in this course until the thesis is submitted for
binding. Graded on a credit (CR), progress (PR), no credit (F) basis.
about Thesis
9 Credit Hours. 9 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit
about Thesis

Recreation (REC)

REC 5101. Graduate Assistant Development.
This course is required of all graduate teaching and instructional
assistants in Health and Human Performance. It provides regular
in-service and planned evaluations of instructional responsibilities.
Registration is required of Graduate Teaching Assistants in the spring
semester of employment. This course does not earn graduate credit.
Graded on credit (CR), no-credit (F) basis.
about Graduate Assistant Development
1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.
Course Attribute(s): Graduate Assistantship/Exclude from Graduate GPA
Grade Mode: Leveling/Assistantships
about Graduate Assistant Development

REC 5199B. Thesis.
This course represents a student’s continued thesis enrollment. No thesis
credit is awarded until the thesis is submitted for binding. Graded on a
credit (CR), progress (PR), no credit (F) basis.
about Thesis
1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit
about Thesis

REC 5201. Graduate Assistant Development.
This course is required of all graduate teaching and instructional
assistants in HPER. This course provides regular in-service and planned
periodic evaluations of instructional responsibilities. Graduate assistants
will be required to register for this course in the fall semester of their
employment. This course does not earn graduate credit. Graded on credit
(CR), no-credit (F) basis.
about Graduate Assistant Development
2 Credit Hours. 2 Lecture Contact Hours. 0 Lab Contact Hours.
Course Attribute(s): Graduate Assistantship/Exclude from Graduate GPA
Grade Mode: Leveling/Assistantships
about Graduate Assistant Development

REC 5299B. Thesis.
This course represents a student’s continued thesis enrollment. No thesis
credit is awarded until the thesis is submitted for binding. Graded on a
credit (CR), progress (PR), no credit (F) basis.
about Thesis
2 Credit Hours. 2 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit
about Thesis

To introduce and explore the meanings of leisure, leisure behavior, and
leisure services from historical, philosophical, sociological, and political
perspectives. Students will develop a philosophical view of leisure based
on exploration of the history of leisure and the leisure profession as well
as consideration of the nature of the individual and society.
about Philosophical Foundations of Recreation & Leisure Services
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter
about Philosophical Foundations of Recreation & Leisure Services
REC 5318D. Technology, Leisure & Recreation: A critical survey. Modern society has increasingly been redefined by practices contextualized by leisure/recreation and embedded in the essence of leisure. Another definer of modern life is technology. This course is a critical survey of the confluence of these two domains, with new meanings made evident. Technology topics may vary. Open to non-majors.

REC 5318E. Physical environment, life and leisure I: Built public spaces and the leisure experience. The physical environment is not only a container of human action, it is also itself experienced by people. This course will examine how the human-made environment is a source of meaning and experience and suggest, consequently, how it can be modeled to facilitate preferences by users. Open to non-majors.

REC 5318F. Leisure Enhancement in Later Life Dementia Studies in the United Kingdom - Study Abroad. This study abroad course focuses on selected topics in Therapeutic Recreation in the UK (London, England/Stirling, Scotland) and ties in dementia care site observations and training with St. Christopher's Hospice and Stirling University Dementia Studies program.

REC 5318G. Therapeutic Recreation in Psychiatric Settings. This course applies an advanced approach of Leisure Education (LE) in the rehabilitation process for persons with psychiatric disorders. Students will have the opportunity in a field-based setting to develop skills and abilities necessary to provide services to persons with disabilities.

REC 5320A. Leisure Enhancement in Later Life Dementia Studies in the United Kingdom - Study Abroad.

REC 5321. Issues and Trends in Recreation and Leisure Services. A seminar style course where students investigate current events on the provision of services. This course will address that need.

REC 5322. Philosophical Foundations of Therapeutic Recreation. Course covers therapeutic recreation practices, history of the profession, current trends, and various disabilities and disorders across the lifespan. Through field-based activities, students will develop skills and abilities necessary to provide services to persons with disabilities.

REC 5325. Philosophical Foundations of Therapeutic Recreation. About Philosophical Foundations of Therapeutic Recreation

REC 5326. Advanced Practices and Interventions in Therapeutic Recreation. This course addresses advanced practices and intervention strategies for provision of services to persons with disabilities. Students will gain an understanding of theoretical models and learn how to apply these models when analyzing activity selection and documenting client outcomes. Prerequisite: REC 5325 or REC 5318F.

REC 5327. Advanced Assessment and Documentation in Therapeutic Recreation. This course provides for the study of advanced assessments and documentation related to persons with disabilities. Students will gain an understanding of standardized assessments in therapeutic recreation, including composition, implementation, and evaluation of results. Prerequisite: REC 5318F or REC 5325.

REC 5328. Advanced Principles of Therapeutic Recreation. In this course students apply advanced principles of therapeutic recreation related to persons with psychological disorders and physical disabilities. The course engages students in advanced case study design and implementation of treatment plan utilizing a transdisciplinary approach to rehabilitation. Prerequisites: REC 5318F or REC 5325 and REC 5318G or REC 5326.

REC 5329. Therapeutic Recreation in Psychiatric Settings. This course applies an advanced approach of Leisure Education (LE) in the rehabilitation process for persons with psychiatric disorders. Students will have the opportunity in a field-based setting to develop skills and abilities necessary to implement LE in treating persons. Prerequisite: REC 5318F or REC 5325.

This course provides an exploration of management issues within recreation administration with an emphasis on the role of the leader as a conduit for effectiveness. Content will include theories and philosophies, processes, accountability, strategic planning, and conflict resolution applications.

Grade Mode: Standard Letter

about Applications of Management and Leadership in Leisure Services
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.

about Independent Study in Recreational Administration

REC 5337. Independent Study in Recreational Administration.
Individual study related to recreational administration under direct supervision of a faculty member. May be repeated for additional credit at the discretion of the department chair.

about Independent Study in Recreational Administration
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.

about Applications of Management and Leadership in Leisure Services

REC 5338. Internship in Therapeutic Recreation.
This course provides students the opportunity to complete an intensive, on-site internship under the supervision of a Nationally Certified Therapeutic Recreation Specialist. Students will complete 480 hours in a clinical or community setting. Prerequisite: All master-level coursework required by degree plan and National Council for Therapeutic Recreation Certification guidelines.

about Internship in Therapeutic Recreation
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.

about Applications of Management and Leadership in Leisure Services

REC 5340. Social Psychology of Recreation and Leisure.
To provide an introduction and overview of the personal, social and social-psychological contexts of leisure; utilizing current literature the course will focus on examining leisure and recreation behavior from psychological, sociological and social-psychological constructs that are contributing to a contemporary, interdisciplinary understanding of the leisure phenomenon.

about Social Psychology of Recreation and Leisure
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.

about Applications of Management and Leadership in Leisure Services

REC 5346. Literature and Research.
Directed reading, reports, and discussions of the current literature in the field of education, a critical analysis of research techniques and the locations and securing of information, together with the steps necessary to the solution of research problems in this field.

about Literature and Research
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.

about Applications of Management and Leadership in Leisure Services

REC 5350. Legal and Ethical Issues in Recreation and Leisure Services.
A seminar style course that focuses on legal and ethical issues related to recreation and leisure services. Tort law, participant rights, accessibility, credentialing, and others are topics to be addressed in this course.

Grade Mode: Standard Letter

about Legal and Ethical Issues in Recreation and Leisure Services
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.

about Applications of Management and Leadership in Leisure Services

REC 5355. Introduction to Therapeutic Recreation.
History, philosophy, appropriate terminology, and professional opportunities in therapeutic recreation profession. Identification of client groups and the role leisure time activity plays in their lives.

about Introduction to Therapeutic Recreation
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.

about Applications of Management and Leadership in Leisure Services

REC 5360. Applications of Marketing and Finance in Recreation.
This course is a study of marketing and financial concepts, principles, and techniques as they relate to recreation and leisure delivery systems. These include full cost accounting, pricing, financial management, distribution, promotional techniques, marketing plans, alternative funding and proposals.

about Applications of Marketing and Finance in Recreation
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.

about Applications of Management and Leadership in Leisure Services

REC 5365. Practices and Interventions in Therapeutic Recreation.
Acquiring knowledge, understanding, and application of practices in therapeutic recreation services. Emphasis on facilitation and intervention strategies and “helping” techniques in clinical and community settings, as they relate to administration and current critical issues facing the field.

about Practices and Interventions in Therapeutic Recreation
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.

about Applications of Management and Leadership in Leisure Services

REC 5375. Assessment and Documentation in Therapeutic Recreation.
Broadens one’s knowledge, understanding of the assessment and documentation process for various populations served; including assessment background, selection of the appropriate tools, techniques; and development of professional documentation skills with regard to client outcomes in all aspects of therapeutic recreation services.

about Assessment and Documentation in Therapeutic Recreation
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.

about Applications of Management and Leadership in Leisure Services

This course content provides students with program development and administration tools developed and tested within the recreation industry. Topics may include the exploration of programing and organizational theory, administrative processes, and the application of the organizational principles to the recreation service delivery systems.

about Administering Leisure Delivery Systems
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.

about Applications of Management and Leadership in Leisure Services
REC 5385. Principles of Therapeutic Recreation.
Knowledge and understanding of the principles of therapeutic recreation services. Acquiring ability to apply this knowledge in developing therapeutic recreation programs and services related to motor, social, and educational needs of participants.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

REC 5399A. Thesis.
This course represents a student's initial thesis enrollment. No thesis credit is awarded until the student has completed the thesis in REC 5399B. Graded on a credit (CR), progress (PR), no credit (F) basis.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit

REC 5399B. Thesis.
This course represents a student's continued thesis enrollment. No thesis credit is awarded until the thesis is submitted for binding. Graded on a credit (CR), progress (PR), no credit (F) basis.

3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit

REC 5599B. Thesis.
This course represents a student's continued thesis enrollment. No thesis credit is awarded until the thesis is submitted for binding. Graded on a credit (CR), progress (PR), no credit (F) basis.

5 Credit Hours. 5 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit

REC 5999B. Thesis.
This course represents a student's continued thesis enrollment. No thesis credit is awarded until the thesis is submitted for binding. Graded on a credit (CR), progress (PR), no credit (F) basis.

9 Credit Hours. 9 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Credit/No Credit