

# College of Health and Human Services

## BS Exercise Science

### Student Learning Outcome:

1. Students will apply biomechanical principles, including motion, force, momentum, levers and balance to analyze movement of the musculoskeletal system during physical activity, exercise, and sport.
2. Students will comprehend theories behind the physiological and metabolic responses to exercise and apply them to testing of healthy, at risk, and clinical populations, utilizing patient safety guidelines.
3. Students will interpret the results of exercise testing to create appropriate exercise programs for healthy, at risk, and clinical populations according to age, functional capacity, and desired outcomes.
4. Students will comprehend and apply the protocols for body composition assessment, utilizing strategies to minimize error, and correlate those results with patient/client health risk.
5. Students will comprehend the legal and organizational issues associated with the professional practice of exercise science.
6. Students will apply disciplinary academic writing and speaking skills to communicate Exercise Science concepts to lay-person & professional audiences

## BSRT Respiratory Therapy (online)

### Student Learning Outcome:

1. Students will discuss the historical & current roles in the profession as well as identify potential expanded responsibilities for respiratory therapists by studying leadership practices, investigating the quality of research evidence
2. Students will apply knowledge of neonatal, pediatric, and adult critical care pathophysiology to interpret pertinent clinical information in order to select the most appropriate therapeutic intervention.
3. Students will communicate effectively incorporating professional behavior, utilizing appropriate terminology, and employing an evidence-based approach in both written and oral communication.
4. Students will incorporate an evidence-based approach to patient care by identifying and accessing appropriate literature and assessing and interpreting relevant medical research/trials to apply the findings to clinical practice, patient management, patient education, and/or research to further the knowledge base of the respiratory therapy profession.
5. Students will apply knowledge of the field of respiratory therapy and address current or future needs related to clinical practice; administration; education; and/or research associated with the respiratory therapy profession, reflecting on the role of professional leadership in respiratory therapy, healthcare, and the community, through the development of an original project or research proposal.
6. Students will apply professional communication and critical thinking skills/strategies when working with interprofessional teams to evaluate information, solve problems, &

make decisions incorporating all aspects necessary to deliver effective, patient-centered care.

## **Graduate Certificate in Respiratory Care Clinical Concepts**

### **Student Learning Outcome:**

1. Students will conduct scholarly activities using evidence-based practice concepts, research methodology, and statistical procedures relevant to study of or application to respiratory care.
2. Students will develop clinical reasoning skills required to examine, evaluate, and manage patients with cardiopulmonary diseases.

## **Graduate Certificate in Respiratory Care Leadership**

### **Student Learning Outcome:**

1. Students will apply leadership theories and evidence-based practice concepts to plan and make collaborative and effective decisions relevant to respiratory care services or education
2. Students will develop culturally competent and effective oral and written communication for professional interactions.

## **MS Kinesiology**

### **Student Learning Outcome:**

1. Graduate students will understand the methods and regulations associated with quality research in the field of Kinesiology.
2. Graduate students will apply how human physiologic systems function and interact across the lifespan.
3. Graduate students in the Clinical Exercise Physiology concentration will be able to design, implement, and supervise exercise programming for those with chronic diseases, conditions, and/or physical shortcomings.
4. Graduate students in the Applied Physiology concentration will be able to analyze and evaluate advanced topics in the fields of Kinesiology.

## **MS Respiratory Care**

### **Student Learning Outcome:**

1. Students will apply leadership theories and evidence-based practice concepts to plan and make collaborative and effective decisions relevant to respiratory care services or education.
2. Students will conduct scholarly activities using evidence-based practice concepts, research methodology, and statistical procedures relevant to study of or application to respiratory care.
3. Students will develop culturally competent and effective oral and written communication for professional interactions.

4. Students will develop clinical reasoning skills required to examine, evaluate, and manage patients with cardiopulmonary diseases.

## **MSAT Athletic Training**

### **Student Learning Outcome:**

1. Identify risk factors and implement risk reduction plans for patients/clients participating in physical activity, complying with standard operating procedures and regulatory requirements to minimize likelihood of injury and illness.
2. Identify accurate clinical diagnoses and select an appropriate care plan, utilizing individual patient histories and diagnostic testing results.
3. Distinguish between life threatening and non-life threatening illnesses/injuries, implement proper emergency care when applicable, and/or transfer care in a timely manner.
4. Administer therapeutic interventions with the goal of rehabilitation and recondition of injuries, illnesses, and general medical conditions
5. Integrate best practices in the construction and implementation of policy, documentation of patient interactions, and business strategies to promote optimal patient care and employee well-being.

## **Undergraduate Certificate in Sports Analytics**

### **Student Learning Outcome:**

1. To apply basic statistical concepts in given scenarios to provide competitive edge to sports teams
2. Identify crucial factors using sports analytics, evaluate and present their impact on the different analytical genres of sports
3. Make critical decisions as a sports executive using data

## **BS Health System Management**

### **Student Learning Outcome:**

1. Students will demonstrate effective, adaptable oral communication skills tailored for various audiences interacting with the health system.
2. Students will demonstrate professional, effective, adaptable written communication skills tailored to the ever-changing landscape of the health system.
3. Students will analyze key issues regarding major health policies.
4. Students will develop an implementation plan for an existing improvement initiative using quality improvement tools and techniques.
5. Students will create a professional leadership plan, which clearly presents professional leadership skills, values, and behaviors.

## **BSPH Public Health**

### **Student Learning Outcome:**

1. Students will be able to respond to health-related problems.
2. Students will analyze and interpret the results of studies, projects and programs related to the public's health
3. As part of a group, students will be able to design an intervention using a public health model.
4. Students will be able to communicate public health messages to diverse audiences.
5. Students will be able to function as a public health professional.

## **MHA Health Administration**

### **Student Learning Outcome:**

1. Students will be prepared to lead health care organizations.
2. As part of a group and as an individual, students will be prepared to formulate critical system thinking, view health care system issues from various perspectives, and create innovative strategies.
3. Students will be able to conduct qualitative, quantitative, & financial analysis of health care.
4. Students will be able to make team and individual decisions in key management domains including public health perspective.
5. Students as individuals and part of a team will demonstrate professional skills.
6. Students will be able to communicate individually and in groups effectively, orally and in writing, demonstrate effective interpersonal skills

## **MPH Public Health**

### **Student Learning Outcome:**

1. Students will apply foundational public health knowledge to describe public health problems.
2. Students will be able to advocate for sound public health policies and practices.
3. Students will function as professionals in public health settings.
4. Students will communicate audience-appropriate public health content, both in writing and through oral presentation.

## **Ph.D. Health Services Research**

### **Student Learning Outcome:**

1. Students will design a research study utilizing advanced methodological skills to adequately address a research question/hypothesis in the field of health services research at the level of competency described in the dissertation proposal defense rubric.
2. Students will analyze, interpret, and effectively communicate findings of health services research, both in written and oral forms.

## **PhD in Public Health Sciences**

### **Student Learning Outcome:**

1. Students will integrate core public health knowledge and skills to evaluate public health issues on a comprehensive examination.
2. Students will design a research study utilizing advanced methodological skills to adequately address a research question/hypothesis in the field of public health at the level of competency described in the dissertation proposal defense rubric.
3. Students will analyze, interpret, and effectively communicate findings of public health research, both in written and oral forms.

## **BS Nursing, Pre-licensure Upper Division Nursing Major**

### **Student Learning Outcome:**

1. The student will demonstrate the provision of compassionate, sensitive and competent care to patients/populations.
2. The student will adhere to legal and ethical standards of professional nursing practice.
3. The student will collaborate with other health care team members in facilitating patients' health promotion, disease prevention and risk reduction.
4. The student will implement and evaluate the development of a comprehensive plan of care promoting goal directed change to meet the client's complex needs
5. The student will demonstrate effective written and oral communication skills.

## **BS Nursing, RN-to-BSN**

### **Student Learning Outcome:**

1. The student will incorporate applicable evidence based practice/nursing research principles into nursing practice through demonstration of written communication congruent with the standards of the nursing profession.
2. Students will apply the principles of the nursing code of ethics to clinical case study scenarios, demonstrating adherence.
3. The student will demonstrate collaboration with the interprofessional health care team to address clients' and families health care needs.
4. The student will create a care plan that reflects the nursing process and priorities for nursing care management of clients based on knowledge from the sciences, humanities, and nursing.
5. The student will analyze current safety issues in nursing practice and determine ways to incorporate new processes and interventions to deliver quality safe nursing care.
6. The student will demonstrate satisfactory oral communication skills congruent with the standards of acceptable practice in the nursing profession.

## **Doctor of Nursing Practice (DNP)**

### **Student Learning Outcome:**

1. Students will analyze, interpret, and disseminate the results of an implemented scholarly project related to an identified need in clinical practice and recommend clinical practice improvements. (Nurse Anesthesia)
2. Students will integrate fundamental concepts for providing care in clinical practice settings through demonstrating safe and effective care provision. (Nurse Anesthesia)

3. DNP graduates will be able to conduct and use advanced communication skills/processes and information technology to lead quality improvement and patient safety initiatives in health care systems. (Post-Master's)
4. DNP students will be able to design and implement processes to evaluate outcomes of practice. (Post-Master's)
5. DNP students will implement, measure outcomes, and analyze DNP Scholarly Project. (Post-Master's)

## **Graduate Certificate in Applied Nursing Informatics**

### **Student Learning Outcome:**

1. Students apply principles in creating a technology or information system implementation plan in a workplace environment.

## **Graduate Certificate Nurse Administrator (online only)**

### **Student Learning Outcome:**

1. Students apply principles of strategic planning to a specific issue in nursing administration.

## **Graduate Certificate Nursing Education (online only)**

### **Student Learning Outcome:**

1. Students apply knowledge of instructional design and technology application to enhance the teaching/ learning process.

## **MSN, Advanced Clinical Nursing; Nurse Practitioner Across the Lifespan**

### **Student Learning Outcome:**

1. Synthesize advanced knowledge from nursing and related disciplines in the delivery of advanced nursing practice
2. Advance the discipline and practice of nursing through participation, interpretation, and translation of research into practice

## **MSN, Systems Population**

### **Student Learning Outcome:**

1. Synthesize advanced knowledge from nursing and related disciplines in the delivery of advanced nursing practice.
2. Advance the discipline and practice of nursing through participation, interpretation, and translation of research into practice

## **Post Master's Certificate in Family Nurse Practitioner Across the Lifespan**

### **Student Learning Outcome:**

1. Demonstrate competence in providing evidence-based health care to diverse populations

2. Students provide competent Advanced Practice Nursing care (adheres to FNP standards of care) to diverse populations of patients.

## **Post-Master's Certificate in Adult Gerontology**

### **Student Learning Outcome:**

1. Demonstrate competence in providing evidence-based health care to diverse populations

## **BSW Social Work**

### **Student Learning Outcome:**

1. Students will critique and analyze contemporary literature focused on social justice issues and present findings in a well-written, organized essay following APA style formatting. (SOWK 3201)
2. Students will describe the impact of community needs with community agency support to assess local community issues and explain how social workers can be involved in community engagement (SOWK 3133).
3. Students will demonstrate the ability to write a policy analysis that is based in relevant, high-quality research; utilizing the policy analysis framework. (SOWK 3202)
4. Students will utilize an evidence based approach to address a real-life social work issue through a conceptual research paper. (SOWK 3900)
5. Students will demonstrate effective oral communication skills, awareness of social issues, and a depth of knowledge through a project proposal presentation, utilizing visual aids. (SOWK 3482)

## **Graduate Certificate in Early Childhood Mental Health**

### **Student Learning Outcome:**

1. Students analyze evidence-supported programs and practices that address early childhood mental health to determine adverse effects, applicability, outcomes, effectiveness, and implementation strategies for interventions.
2. Students can identify disorders (e.g., Regulatory Disorders, Disorders of Attachment, Depression, Posttraumatic Stress Disorder) that place a child's emotional and social development (i.e., Early Childhood Mental Health) at risk
3. Students use Functional Positive Behavior Supports to address challenging behaviors, including functional behavior assessments, behavioral intervention plans, and applied behavior analysis strategies

## **MSW Social Work (online)**

### **Student Learning Outcome:**

1. Students apply critical thinking to assess clients and constituencies and select an appropriate intervention strategy.
2. Students analyze the power and influence of diverse community stakeholders to inform a community-level intervention.
3. Using a social justice lens/framework, students examine and address a persistent or emerging social problem to foster optimal health and well-being, equal human rights, and a just society.