

KINESIOLOGY (KINE)

KINE 5301 HISTORY AND PHILOSOPHY OF KINESIOLOGY

3 Semester Credit Hours (3 Lecture Hours)

A STUDY OF THE GENERAL HISTORICAL AND PHILOSOPHICAL PERSPECTIVES AND INFLUENCES AS THEY RELATE TO KINESIOLOGY. THIS COURSE WILL ALSO EXPLORE THE HISTORICAL INFLUENCE OF GENDER AND MULTICULTURAL (DIVERSITY) ISSUES THAT IMPACTED PHILOSOPHICAL PERSPECTIVES IN THE FIELD OF KINESIOLOGY AND THE STUDY OF MOVEMENT OVER TIME.

KINE 5306 Sport Nutrition

3 Semester Credit Hours (3 Lecture Hours)

THIS COURSE IS DESIGNED TO PROVIDE SCIENTIFIC EVIDENCE FOR THE USE OF NUTRIENT INGESTION TO ENHANCE SPORT PERFORMANCE AND MAINTAIN OPTIMAL HEALTH. SPECIAL EMPHASIS WILL BE PLACED ON THE CHEMICAL AND BIOLOGICAL CHANGES CAUSED BY THE INGESTION OF SPECIFIC NUTRIENTS. IN THIS COURSE THE STUDENT WILL LEARN TO UTILIZE CURRENT NUTRITION RESEARCH TO ENHANCE THE ATHLETE'S ENERGY SYSTEMS WITHIN VARIOUS CATEGORIES OF SPORT.

KINE 5307 Research Design in Kinesiology

3 Semester Credit Hours (3 Lecture Hours)

THE APPLICATION OF FUNDAMENTAL RESEARCH METHODS TO THE DESIGN AND DEVELOPMENT OF A RESEARCH PROPOSAL IN KINESIOLOGY.

KINE 5308 LEADERSHIP IN KINESIOLOGY

3 Semester Credit Hours (3 Lecture Hours)

THIS COURSE ASSISTS STUDENTS IN IDENTIFYING AND DEFINING LEADERSHIP IN FORMAL AND NON-FORMAL KINESIOLOGY SETTINGS. THE THEORETICAL FOUNDATIONS INTERWEAVES: (A) FORMATION OF SELF-IDENTIFICATION AND SELF-AWARENESS AS A LEADER, (B) DEVELOPMENT OF APPLIED KNOWLEDGE AND SKILLS, AND (C) REAL-WORLD APPLICATION OF EFFECTIVELY FUNCTIONING AS BOTH A FOLLOWER AND A LEADER, THUS DEVELOPING A MORE COMPLETE AND HOLISTIC LEADERSHIP FRAMEWORK.

KINE 5310 Sport in Society

3 Semester Credit Hours (3 Lecture Hours)

A PERSPECTIVE OF THE NATURE AND VALUE OF THE STUDY OF THE SOCIOLOGICAL ASPECTS OF SPORT. THIS COURSE IS DESIGNED TO ENHANCE THE KNOWLEDGE AND METHODOLOGY OF RESEARCH IN SPORT SOCIOLOGY. ALSO EXPLORES EMERGING SOCIAL ISSUES THAT ARE GERMANE TO A SPORTS ENVIRONMENT AND DISCUSSES SOLUTIONS TO THOSE PROBLEMS.

KINE 5311 Statistics in Kinesiology

3 Semester Credit Hours (3 Lecture Hours)

A STUDY OF BASIC STATISTICAL CONCEPTS AND THEIR APPLICATION TO RESEARCH PROBLEMS IN KINESIOLOGY. TOPICS INCLUDE ISSUES RELATED TO DESCRIPTIVE AND INFERENCE STATISTICS.

RECOMMENDED PRE-REQUISITE: KINE 4311 MEASUREMENT AND EVALUATION OR COMPARABLE COURSE.

Prerequisite: KINE 4311.

KINE 5312 SPORT PHYSIOLOGY

3 Semester Credit Hours (3 Lecture Hours)

THIS COURSE EXPANDS BASIC UNDERGRADUATE EXERCISE PHYSIOLOGY PRINCIPLES AND FOCUSES ON THE ROLE OF EXERCISE PHYSIOLOGY IN SPORTS PERFORMANCE, APPLIED AND RESEARCH SETTINGS. RECOMMENDED PRE-REQUISITE: KINE 4312 PHYSIOLOGY OF EXERCISE OR COMPARABLE COURSE.

KINE 5313 Athletic Testing

3 Semester Credit Hours (3 Lecture Hours)

AN ADVANCED ASSESSMENT COURSE DESIGNED TO PROVIDE TECHNIQUES FOR PHYSIOLOGICAL, ATHLETIC, AND SPORT-SPECIFIC TESTS ASSOCIATED WITH ATHLETIC PERFORMANCE. TEST SELECTION, TEST ADMINISTRATION, DATA ANALYSIS, AND APPROPRIATE EVALUATION TECHNIQUES WILL BE PRESENTED.

KINE 5314 Principles of Strength and Conditioning

3 Semester Credit Hours (3 Lecture Hours)

THE PURPOSE OF THIS COURSE IS TO PROVIDE THEORETICAL AND PRACTICAL KNOWLEDGE OF THE PHYSIOLOGICAL, BIOMECHANICAL, AND ADMINISTRATIVE ASPECTS OF DESIGNING AND SUPERVISING STRENGTH AND CONDITIONING PROGRAMS FOR VARIOUS POPULATIONS.

KINE 5315 Concepts in Sport Business

3 Semester Credit Hours (3 Lecture Hours)

AN APPLIED COURSE DESIGNED TO PROVIDE MACRO BUSINESS THEORIES AND TECHNIQUES SPECIFICALLY FOR THE SPORT PROFESSIONAL. SPORT BUSINESS MODELS, FINANCIAL SYSTEMS, MANAGERIAL PROCEDURES, AND PROMOTION CONCEPTS ARE ADDRESSED.

KINE 5316 Finance Management in Sport

3 Semester Credit Hours (3 Lecture Hours)

AN IN-DEPTH ANALYSIS OF THE VARIOUS TOOLS, TECHNIQUES, RATIOS, FORMULAS, AND OTHER FINANCE RELATED INFORMATION STUDENTS WILL NEED TO UNDERSTAND AND MASTER IN ORDER TO HANDLE COMPLEX FINANCIAL CONCERNS IN THE WORKPLACE. THE SPORT INDUSTRY IS A MULTI-BILLION DOLLAR INDUSTRY THAT GENERATES REVENUE FROM AREAS RANGING FROM YOUTH SPORT TO FACILITY CONSTRUCTION AND MUCH MORE. THIS COURSE WILL EXAMINE HOW MONEY HELPS DRIVE SPORT AND FACILITY BUSINESSES AND WHY THOSE WHO CAN UNDERSTAND AND APPLY FINANCIAL MANAGEMENT TECHNIQUES WILL BE MORE CAPABLE EMPLOYEES.

KINE 5317 Global Perspectives in Sport

3 Semester Credit Hours (3 Lecture Hours)

THIS COURSE IS AN INTERDISCIPLINARY EXAMINATION OF SPORT AS A GLOBAL PHENOMENON. HISTORICAL, CULTURAL, ECONOMIC AND GOVERNANCE PERSPECTIVES ARE CONSIDERED.

KINE 5318 Sport Media and Broadcast Relations

3 Semester Credit Hours (3 Lecture Hours)

THIS COURSE INTRODUCES STUDENTS TO THE FIELD OF SPORT COMMUNICATION. THEY WILL LEARN ABOUT CAREER OPTIONS IN THIS FIELD. THE COURSE COVERS MANAGEMENT, MASS MEDIA, SUPPORT SERVICES, ENTERTAINMENT AND ANCILLARY OPPORTUNITIES. IN ADDITION, THIS COURSE INTRODUCES STUDENTS TO THE PROCESS AND PRACTICES OF BUSINESS COMMUNICATION THROUGH A CONCEPTUAL AND PRACTICAL INTERNAL AND PUBLIC RELATIONS APPROACH. STUDENTS ARE REQUIRED TO COMPLETE A NUMBER OF WRITING AND ORAL COMMUNICATION ASSIGNMENTS INCLUDING: 1) PLANNED WRITING ASSIGNMENTS TO ENHANCE STUDENTS' WRITING SKILLS, 2) IMPROVED WRITING SKILLS AS A COURSE OBJECTIVE, 3) STRUCTURED WRITTEN INSTRUCTIONS AND EVALUATION CRITERIA FOR ASSIGNMENTS, 4) DETAILED INSTRUCTIONS IN CONCEIVING, ORGANIZING, AND PRESENTING WRITTEN MATERIAL IN WAYS APPROPRIATE TO SPORT MANAGEMENT ORGANIZATIONS, 5) REVISED AND PEER REVIEWED ASSIGNMENTS, AND 6) GRADED WRITTEN ASSIGNMENTS AS A MAJOR PART OF THE GRADE.

KINE 5325 Program Design for Resistance Training

3 Semester Credit Hours (3 Lecture Hours)

THIS COURSE PRESENTS INFORMATION ON THE PROCESS OF DESIGNING SCIENTIFICALLY BASED RESISTANCE TRAINING PROGRAMS, MODIFYING AND ADAPTING PROGRAMS TO MEET THE NEEDS OF SPECIAL POPULATIONS, AND UNDERSTANDING HOW DESIGNING PROGRAMS WORKS IN THE REAL WORLD.

KINE 5327 Sport Biomechanics

3 Semester Credit Hours (3 Lecture Hours)

THIS COURSE PROVIDES AN EXPLORATION OF MOVEMENT KINETICS AND KINEMATICS THROUGH THE FRAMEWORK OF SPORTS, PHYSICAL ACTIVITY, AND ASSOCIATED INJURY MECHANISMS. FURTHER EMPHASES WILL BE ON IDENTIFYING VIABLE RESEARCH QUESTIONS AND APPROPRIATE METHODS (INCLUDING INSTRUMENTATION) TO PURSUE THOSE QUESTIONS. RECOMMENDED PRE-REQUISITE: KINE 4327 BIOMECHANICS OR A COMPARABLE COURSE.

KINE 5330 Sport Promotion, Sponsorship and Licensing

3 Semester Credit Hours (3 Lecture Hours)

THIS COURSE IS DESIGNED TO PROVIDE THE SPORT MANAGER WITH AN UNDERSTANDING OF THE MAIN MARKETING ISSUES WITHIN THE SPORT INDUSTRY. SPECIAL EMPHASES ARE PLACED ON THE APPLICATION AND ASSESSMENT OF MARKETING SPORT WITHIN THE PRIVATE AND PUBLIC SECTORS.

KINE 5338 Motor Development in Sport

3 Semester Credit Hours (3 Lecture Hours)

THIS COURSE ADDRESS THE THEORY AND APPLICATION OF HUMAN MOTOR DEVELOPMENT AS IT RELATES TO THE ACQUISITION OF MOTOR SKILLS, WITH A FOCUS ON SPORT PERFORMANCE. THE COURSE EMPHASIZES HOW PROFESSIONALS IN THE FIELD OF SPORT SCIENCE SHOULD UTILIZE THIS UNDERSTANDING TO SERVE VARIOUS CLIENT POPULATIONS THROUGHOUT THE LIFESPAN.

KINE 5340 Sport Psychology

3 Semester Credit Hours (3 Lecture Hours)

A STUDY OF THE THEORY AND APPLICATION OF PSYCHOLOGY AS IT APPLIES TO HUMAN BEHAVIOR IN SPORT AND PHYSICAL ACTIVITY.

KINE 5390 Professional Seminar

3 Semester Credit Hours

CONTEMPORARY ISSUES IN KINESIOLOGY: TOPICS VARY WITH PROFESSIONAL IDENTIFICATION OF PARTICIPANTS.

KINE 5394 Professional Field Experience

3 Semester Credit Hours

A GRADUATE-LEVEL FIELD-BASED EXPERIENCE TO PROVIDE THE STUDENT THE OPPORTUNITY TO APPLY KNOWLEDGE AND THEORY RELATED TO EXERCISE AND SPORT SCIENCE. THIS COURSE IS AN ELECTIVE COURSE AND LISTED IN THE SUPPLEMENTAL COURSE SECTION OF THE DEGREE PLAN. THIS COURSE MAY ALSO BE TAKEN AT ANY TIME DURING THE STUDENT'S DEGREE WITH APPROVAL OF THEIR FACULTY MENTOR.

KINE 5397 Graduate Research Project in Kinesiology

1-3 Semester Credit Hours (1-3 Lecture Hours)

THE RESEARCH PROJECT IS AN ALTERNATIVE TO THE THESIS AND THREE SEMESTER HOURS OF CREDIT. THE PROJECT SHOULD BE COMPLETED IN ONE SEMESTER OF WORK WITH THE POSSIBILITY OF MORE TIME DEPENDING UPON THE STUDENT'S TOPIC AND DESIGN. THIS IS AN INVOLVED PROCESS AND THE FINAL PRODUCT INCLUDES:

1) JOURNAL ABSTRACT; 2) JOURNAL MANUSCRIPT (CHOICE OF JOURNAL IS DECIDED BY PROJECT CHAIR); 3) POSTER PRESENTATION; AND 4) POWER POINT PRESENTATION (DEFENSE). UNLIKE THE THESIS, ALL STUDENTS THAT ARE FULLY ACCEPTED TO THE PROGRAM AUTOMATICALLY ARE ELIGIBLE FOR THE RESEARCH PROJECT.

Prerequisite: KINE 5307 and 5311.

KINE 5690 PROFESSIONAL SEMINAR

1-6 Semester Credit Hours (1-6 Lecture Hours)

Contemporary issues in Kinesiology: topics vary with professional identification of participants.

KINE 5696 Directed individual Study

1-6 Semester Credit Hours

THESIS IN PROGRESS REQUIRES DEPARTMENTAL APPROVAL. INVESTIGATIVE STUDY ON SELECTED PROBLEMS BY STUDENTS WITH PARTICULAR NEEDS. MAY BE REPEATED WHEN TOPICS VARY.

KINE 5698 Thesis in Progress

3-6 Semester Credit Hours (3-6 Lecture Hours)

STUDENTS ARE REQUIRED TO SUCCESSFULLY COMPLETE A THESIS UNDER THE DIRECTION AND SUPERVISION OF THEIR THESIS CHAIR AND COMMITTEE MEMBERS. THE THESIS WILL REQUIRE A MINIMUM OF TWO SEMESTERS OF WORK AND POSSIBLY MORE DEPENDING UPON THEIR TOPIC AND DESIGN, THUS STUDENTS WILL BE ALLOWED TO REGISTER FOR THREE HOURS EACH SEMESTER. THE THESIS OPTION IS DESIGNED FOR STUDENTS THAT WANT TO GAIN EXTENSIVE EXPERIENCE IN RESEARCH AND/OR GREATER KNOWLEDGE ABOUT A SPECIFIC TOPIC AREA. IT IS ALSO DESIGNED FOR THOSE THAT ANTICIPATE MORE ADVANCED RESEARCH (E.G., PH.D.). UPON COMPLETION OF THEIR WORK THERE IS A THESIS DEFENSE. THE FINAL PRODUCT INCLUDES: 1) JOURNAL ABSTRACT; 2) JOURNAL MANUSCRIPT (CHOICE OF JOURNAL IS DECIDED BY THESIS CHAIR); 3) POSTER PRESENTATION; AND 4) POWER POINT PRESENTATION (DEFENSE).

Prerequisite: KINE 5307 and 5311.