



## DISCIPLINE DESCRIPTION

# KINESIOLOGY AND REHABILITATION SCIENCES

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### ACTIVE TEACHING DISCIPLINES

For administrative use only; please do *not* edit federal NCES information below.

CIP Code	Title	Definition
31.0505	Exercise Science and Kinesiology.	A scientific program that focuses on the anatomy, physiology, biochemistry, and biophysics of human movement, and applications to exercise and therapeutic rehabilitation. Includes instruction in biomechanics, motor behavior, motor development and coordination, motor neurophysiology, performance research, rehabilitative therapies, the development of diagnostic and rehabilitative methods and equipment, and related analytical methods and procedures in applied exercise and therapeutic rehabilitation.
51.0913	Athletic Training/Trainer.	A program that prepares individuals to work in consultation with, and under the supervision of physicians to prevent and treat sports injuries and associated conditions. Includes instruction in the identification, evaluation, and treatment of athletic injuries and illnesses; first aid and emergency care; therapeutic exercise; anatomy and physiology; exercise physiology; kinesiology and biomechanics; nutrition; sports psychology; personal and community health; knowledge of various sports and their biomechanical and physiological demands; and applicable professional standards and regulations.
51.2308	Physical Therapy/Therapist.	A program that prepares individuals to evaluate, examine, diagnose, and alleviate physical functional impairments and limitations caused by injury or disease through the design and implementation of therapeutic interventions to promote fitness and health. Includes instruction in anatomy, behavioral sciences, biology, biomechanics, biophysical agents, care plan development and documentation, cellular histology, clinical evaluation and measurement, clinical reasoning, communication, exercise physiology, kinesiology, neuroscience, pharmacology, pathology, physiology, professional standards and ethics, rehabilitation psychology, and therapeutic exercise.

Note: More information on the National Center for Education Statistics (NCES) Classification of Instructional Programs (CIP) taxonomy is available at <https://nces.ed.gov/ipeds/cipcode/>.

The qualifications described below represent commonly accepted good practices for teaching in the discipline(s) represented in the unit.<sup>1</sup>

## Section 1. General description of the unit, including academic programs and course offerings<sup>2</sup>

The School of Kinesiology and Rehabilitation Sciences offers baccalaureate, master's, and doctoral degree programs in kinesiology; a master's degree program in athletic training, accredited by the Commission on Accreditation of Athletic Training Education; and a doctoral degree program in physical therapy, accredited by the Commission on Accreditation of Physical Therapy Education.

## Section 2. Qualifying degree(s) for each discipline taught in the unit<sup>3</sup>

*A terminal degree in the teaching discipline qualifies a faculty member to teach throughout the broad scope of the teaching discipline at the undergraduate and graduate levels.<sup>4</sup>*

### **Athletic Training**

The first professional degree that allows an individual to apply for licensure as an athletic trainer is transitioning from the baccalaureate degree to the master's degree. Thus, the appropriate terminal degree may vary according to when a given faculty member earned his or her degree. In any case, faculty members in the school's athletic training program must have an academic or professional doctoral degree.

### **Kinesiology**

The appropriate terminal degree in kinesiology is a doctoral degree (e.g., Doctor of Education, Doctor of Philosophy, Doctor of Physical Therapy) in any of the following disciplines:

- Exercise Physiology
- Kinesiology
- Physical Education
- Physical Therapy
- Sport and Exercise Science

### **Physical Therapy**

The first professional degree that allows an individual to apply for licensure as a physical therapist has transitioned over time from the baccalaureate degree to the master's degree and, finally, to the professional Doctor of Physical Therapy degree. Thus, the appropriate terminal degree may vary according to when a given faculty member earned his or her degree. In any case, faculty members in the school's physical therapy program must have an academic or professional doctoral degree as well as contemporary expertise in their assigned areas of instruction.

## Section 3. Broadly related discipline(s) for each discipline taught in the unit

*Specialization qualifies a faculty member to teach throughout the broad scope of the teaching discipline (typically five or more courses on distinct topics).*

### **Athletic Training**

Faculty members must be certified athletic trainers and must have a master's degree or higher in a discipline emphasizing health science or administration, including

- Athletic Training
- Biomechanics
- Exercise Physiology
- Health Services Administration
- Kinesiology and Exercise Science
- Medicine
- Physical Education Teaching and Coaching

- Physical Therapy
- Rehabilitation Science

**Kinesiology**

Faculty members with a degree in education or curriculum and instruction, with a demonstrated specialization appropriate to the teaching assignment, may be qualified to teach courses in kinesiology.

**Section 4. Selectively related discipline(s) for each discipline taught in the unit**

*Specialization qualifies a faculty member to teach a restricted set of courses in the teaching discipline (typically four or fewer courses on distinct topics).*

Faculty members with a doctoral degree in any of the following disciplines may be qualified to teach courses in both the athletic training program and the physical therapy program that are directly related to their area of expertise:

- Anatomy
- Biochemistry
- Biomechanics
- Exercise Physiology
- Exercise Science
- Health Services Administration
- Kinesiology
- Medicine
- Neuroscience
- Pathology
- Pharmacology
- Pharmacy
- Physiology
- Psychology
- Public Health
- Rehabilitation Science

**Section 5. Justification for use of faculty members with “other” teaching qualifications and additional information<sup>5</sup>**

**Athletic Training**

In addition to the minimum academic credentials noted above, faculty members teaching courses in athletic training must hold (1) BOC certification or certification from another appropriate health care provider, (2) licensure in the state of Florida, and (3) first aid, CPR, and AED certification. Faculty members are also expected to have professional experience and experience teaching or providing clinical instruction in an athletic training program.

**Kinesiology**

The school offers a number of “activities” courses in areas such as judo and self-defense. These courses are offered as electives to all students at the university. Faculty members teaching these courses may have a degree in any of the fields listed above or they may have a graduate degree in any field with substantial relevant professional experience. In some cases, highly qualified individuals may lack a graduate degree altogether. The school considers such cases individually, requiring compelling evidence of faculty members’ other demonstrated competencies and achievements that make them uniquely suited for the course or courses in question.

**Physical Therapy**

In addition to the minimum academic credentials noted above, faculty members teaching courses in physical therapy must have contemporary expertise in their assigned areas of instruction, as evident through the following:

- Education (including post-professional academic work, residency, and continuing education)
- Licensure in the state of Florida
- Clinical expertise (clinical experience related to the teaching assignment, certification as a clinical specialist, residency)
- Scholarship (publications and presentations related to the teaching assignment)
- Consultation and service related to the teaching assignment

**1.** The unit chair or director, in consultation with unit faculty members, is responsible for identifying and articulating commonly accepted good practices in each of the unit's teaching disciplines and for providing appropriate justification as needed. In the case of an emerging discipline for which common collegiate practice has not yet been established, a compelling case must be made, as necessary, to substantiate the claims presented.

**2.** Please provide a general description of the unit's course and program offerings at the undergraduate and graduate levels (e.g., degree and certificate programs, minors, unit contributions to interdisciplinary core courses). This section may also be used to provide other pertinent information about the unit and the discipline(s) it represents (e.g., discipline accreditation, faculty research emphases).

**3.** For each discipline taught in the unit, please list those degrees that are regarded by the respective disciplinary community as terminal degrees in the discipline and thus qualify a faculty member to teach throughout the broad scope of that discipline at the undergraduate and graduate levels. In most fields, a terminal degree is the commonly accepted highest degree in the given field of study. In such instances, the terminal degree is usually considered to be the academic (or research) doctorate (e.g., Doctor of Philosophy). However, some academic fields have, through custom, recognized terminal degrees that are not doctorates (e.g., Master of Fine Arts). Note that terminal degrees in other disciplines may also be appropriate for teaching in the discipline, but such credentials should be listed as broadly or selectively related degrees, as appropriate.

**4.** A nonterminal master's degree in the teaching discipline qualifies a faculty member to teach throughout the broad scope of the teaching discipline at the undergraduate level but not at the graduate level.

**5.** Please use this section to provide justification that helps to make the case for special circumstances that apply to the unit, including the use of faculty members qualified to teach by "other" means. Typically, the statements provided in this section should be of a general nature and should not address specific individuals. (Justification for specific individuals is typically handled separately during the teaching certification process.) Please cite appropriate authorities as needed to justify the unit's practices (e.g., discipline accreditation guidelines, governmental regulations).

When a faculty member cannot be qualified to teach on the basis of academic credentials (i.e., degrees, coursework) alone, qualifications other than academic credentials (or combined with academic credentials) that are appropriate for teaching particular courses may be taken into consideration. Such consideration of other teaching qualifications in conjunction with or in lieu of academic credentials must be made on a case-by-case basis. These cases should be exceptional, and the evidence provided of other demonstrated competencies and achievements must be compelling. They should also show significant evidence of professional progress as related to the faculty member's teaching assignment.