

PHYSICAL EDUCATION, RECREATION, and DANCE

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DEGREE: Bachelor of Science in Athletic Training Education

DEGREE: Bachelor of Science in Education—Teaching Physical Education

DEGREE: Bachelor of Science in Kinesiology

DEGREE: Bachelor of Arts in Dance

**MINORS: Dance
Exercise Science**

The department of physical education, recreation and dance prepare students for many diverse careers in the fitness and health, and physical education teaching fields dependent upon the specific program of study in which they are enrolled. Further details of the four different degree programs; physical education, kinesiology, athletic training education, and dance, and possible career options are outlined under the individual degree programs below.

The department also offers minors in dance and exercise science.

DEGREE: Bachelor of Science in Athletic Training Education

Athletic Training Education Program (77 credits)

Note: This is a CAAHEP/JRC-AT-accredited, undergraduate athletic training education program (ATEP). Upon successful completion of the course of study, the student will be eligible to take the BOC examination. See program director regarding admittance requirements, core courses, and individual time commitment. Selection for admission into the program is competitively based on the number of openings available.

Requirements and procedures for admission to the ATEP are as follows. Students must:

1. Be regular status, full-time.
2. Complete file requirements (letter of application, statement of professional plans, resume, three letters of reference, etc.)
3. Complete the following courses with a C or better: SPM 272, Clinical Practicum I; SPM 271 and SPM 271L, Anatomy I and Lab; SPM 190, Introduction to Athletic Training.
4. Satisfy NMSU basic academic competency requirements in English and math.
5. Have a minimum cumulative GPA of 2.5.
6. Have documentation of blood-borne-pathogen, CPR-PR, first-aid, and AED training.
7. Complete a TB test and at least two of the three H1B vaccination series.
8. Complete a physical examination.
9. Pass technical standard (physical testing).

Each student must possess the academic ability, character, and attitude suitable for athletic training. A student who, in the professional judgment of the faculty and staff, does not possess these qualifications may be examined by a Selective Review Committee. The committee may recommend any of a variety of actions, ranging from remedial procedures to withdrawal from the Athletic Training Education Program.

(For specific general education course requirements please consult with the athletic training education program coordinator).

Athletic Training Education Program (81 credits)

SPM 272, Clinical Practicum I** (S)	3
SPM 273, Clinical Practicum II** (F)	3
SPM 372, Clinical Practicum III** (S)	3
SPM 382, Clinical Practicum III Seminar (S)	1
SPM 373, Clinical Practicum IV** (F)	3
SPM 383, Clinical Practicum IV Seminar (F)	1
SPM 422, Clinical Practicum V** (S)	3
SPM 433, Clinical Practicum V Seminar (S)	1

SPM 423, Clinical Practicum VI** (F)	3
SPM 424, Clinical Practicum VII** (S)	3
SPM 426, Clinical Practicum VI Seminar (F)	1
SPM 434, Clinical Practicum VII Seminar (S)	1
SPM 190, Introduction to Athletic Training	3
SPM 305, Biomechanics	3
SPM 308, Exercise Physiology I	3
SPM 371, Anatomy II (S)	4
SPM 310, Sports Injuries I (S)	3
SPM 410, Sports Injuries II (F)	3
SPM 375, Therapeutic Exercise (S)	3
SPM 415, Therapeutic Modalities (F)	4
PEP 411, Statistical Applications in Sport and Exercise Science	3
SPM 425, Management Strategies in Athletic Training (F)	3
BIOL 254, Human Physiology	3
HNFS 251, Human Nutrition	3
HLS 150, Personal Health and Wellness	3
SPM 411, Pharmacology in Athletic Training	3
SPM 191, Medical Terminology in AT (S)	2
SPM 290, General Medical Conditions	3
SPM 460, Strength and Conditioning	3

**Admission to the ATEP must be completed before enrolling in SPM 273 Clinical Practicum II. See the Program Director for application procedures before enrolling in SPM 272 Clinical Practicum I.

Athletic Training Electives

Electives: Choose 6 credits from the following list:

ANTH 357, Medical Anthropology	3
ANTH 430, Human Osteology and Forensic Anthropology	3
HLS 300, Drugs and Society	3
PEP 342, Motor Learning	3
PHIL 223G, Ethics	3
SPM 499, Problems	1-3 var.

(For specific general education course requirements please consult with the department or advisement center.)

DEGREE: Bachelor of Science in Education—Teaching Physical Education

Information about Physical Education as a teaching field, and potential employment opportunities may be obtained at the Department of Physical Education, Recreation and Dance in the Activity Center 204, phone 646-2215.

Teaching Program Requirements

The K-12 physical education teaching degree program prepares students for public or private school employment. Teaching program requirements are available in the departmental office and in the College of Education Advisement Center.

K-12 Teaching Preparation (36 credits)

PE P 185, Introduction and Foundations	3
PE P 210, Theory and Technique of Aquatics	1
PE P 341, Motor Development	3
PE P 342, Motor Learning	3
SP M 305, Biomechanics	3
SP M 308, Exercise Physiology	3
PEP 208, Fitness for Health and Sport	3
PEP 410, Physical Education Assessment	2
SPM 250, Sport Safety	2
SPM 309, Anatomical Kinesiology	3
PEP 216, Individual Activities	2
PEP 217, Dance and Movement	1
PEP 218, Outdoor Activities	1
PEP 321, Team Sports I	2
PEP 322, Team Sports II	2
PEP 323, Racquet Sports	2

(For specific general education course requirements it is mandatory that the department or advisement center be consulted.)

DEGREE: Bachelor of Science in Kinesiology

The Bachelor of Science in Kinesiology degree program comprises a core of course work plus additional course work in one of the following emphasis areas: exercise science; business minor with MBA entry course completion; business minor, non-MBA entry course completion; active lifestyles; or gerontology. These five different tracks provide students diverse

fitness and wellness career options within the public, private and/or corporate sectors. Alternately, students may wish to pursue graduate studies in a variety of areas such as business (i.e. MBA), exercise and sport sciences (i.e. exercise physiology, biomechanics), or medically related fields (i.e. physical and occupational therapy, cardiopulmonary rehabilitation).

For specific general education course requirements it is essential that the department or advisement center be consulted.

Information about Kinesiology and potential employment opportunities may be obtained at the Department of Physical Education, Recreation and Dance in the Activity Center 204, phone 646-2215.

Note: Students completing requirements for this degree will be ultimately responsible to ensure that they have completed 54 upper division credits (300 and 400 level courses) and have completed a minimum of 128 total semester credits.

Kinesiology Core (45 credits)

PEP 185, Introductions and Foundations.....	3
SPM 250, Sport Safety.....	2
PEP 208, Fitness for Health and Sport.....	3
PEP 342, Motor Learning.....	3
PEP 411, Statistical Application in Sport and Exercise Science.....	3
PEP 456, Adapted Physical Activity for Persons with Chronic Disease and Disabilities.....	3
SPM 309, Anatomical Kinesiology.....	3
SPM 305, Biomechanics.....	3
SPM 308, Exercise Physiology.....	3
MGT 315G, Human Relations in Organizations.....	3
SPM 271, Human Systemic Anatomy.....	3
SPM 271L, Human Systemic Anatomy Lab.....	1
SPM 445, Internship.....	12
Emphasis areas (40 credits including electives in the specific emphasis areas.)	

Additional course work to complete the Bachelor of Science degree in Kinesiology for the different emphasis areas are as follows:

1. Exercise Science Track (19 credit hours)

PEP 330, Exercise Prescription.....	3
SPM 460, Principles of Strength and Conditioning.....	3
SPM 451, Advanced Exercise Physiology.....	3
BIOL 254, Human Physiology and Lab or BIOL 354, Physiology of Humans and Lab*.....	4
HNFS 410, Sports Nutrition or HNFS 251, Human Nutrition.....	3
SPM 339, Application of Strength and Conditioning.....	3
Electives required (<i>must</i> be approved by the Department of Physical Education, Recreation, and Dance).....	21

*This course may be required if application for entry into graduate physical therapy program is contemplated.

2. Business Track – Minor in Business Management meets the requirements for possible entry into the Master of Business Administration (MBA) program track.

3. Business Track – Minor in Business Management, Non-MBA track.

Electives for the two business minor emphasis areas must meet Kinesiology degree total credit requirements and must be approved by the Department of Physical Education, Recreation and Dance.

Note: Prior to declaring emphasis for either business minor tracks, it is essential that the College of Business Administration and Economics be consulted for specific course requirements.

4. Active Lifestyles Track (23 credit hours)

PEP 316, Administration of Rec. Programs.....	3
PEP 317, Outdoor Recreation Leadership.....	3
PEP 341, Motor Development.....	3
HLS/PEP 320, Human Stress Management.....	3
SOC 373, Aging and Society or HLS 415, Introduction to Gerontology.....	3
SPM 460, Principles of Strength and Conditioning.....	3
5 hours of electives to be selected from the following:	
PE 127, Cardio-Kickboxing; PE 129, Step Aerobics; PE 132, Aquatic Fitness; PE 157, Archery; PE 207, Triathlon.....	3
PE 229, Intermediate Aerobics; PE 257, Intermediate Archery; PE 263, Outdoor Recreation Skills; PE 310, Advanced Weight Training: Theory and Practice; PE 336, Scuba Diving.....	2

Additional electives required for degree (must be approved by Department of Physical Education, Recreation and Dance)..... 17

5. Gerontology Track – Minor in Gerontology (24 credit hours)

Required courses from the Department of Health Science

GERO 415/MPG 515, Introduction to Gerontology.....	3
GERO 493/MPH 593, Adulthood and Aging.....	3
GERO 456/MPH 556, Biological Aspects of Aging.....	3
GERO 494/MPH 594, Aging in a Multicultural Society.....	3

Select two from the following courses:

FCS 448, The Aging Family; HNFS 406*, Geriatric Nutrition; GERO 450/MPH 557, Health Promotion for the Elderly; GERO 451, Aging and Public Policy; NURS 324*, Nursing Care Older Adults.....	6
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Note: HNFS 406 and GERO 450/MPH 557 are highly recommended.

*Prerequisites required.

In addition to the minor requirements from the Department of Health Science the following two courses are required by the Department of Physical Education, Recreation and Dance:

SPM 330, Exercise Prescription.....	3
SPM 460, Principles of Strength and Conditioning.....	3
Electives (required, must be approved by the Department of Physical Education, Recreation and Dance).....	16

DEGREE: Bachelor of Arts in Dance

The Dance program provides a broad coverage of the field that includes the development of basic technical and performance skills complemented by related studies in arts and sciences. It provides students with an appropriate background for the pursuit of careers or advanced degrees in teaching, performance, choreography and other related fields.

(For specific general education course requirements please consult with the coordinator of the dance program).

Dance Technique (34 credit hours, 19 upper division, covering at least 4 dance styles)

DANC 123, Ballet Technique I, 2x.....	1
DANC 223, Ballet Technique II, 2x.....	2
DANC 323, Ballet Technique III, 4x.....	3
DANC 423, Ballet Technique IV, 4x.....	3
DANC 124, Jazz Dance Technique I, 2x.....	1
DANC 224, Jazz Dance Technique II, 2x.....	2
DANC 324, Jazz Dance Technique III, 4x.....	3
DANC 424, Jazz Dance Technique IV, 4x.....	3
DANC 126, Modern Dance I, 2x.....	1
DANC 226, Modern Dance II, 2x.....	2
DANC 326, Modern Dance III, 4x.....	3
DANC 426, Modern Dance IV, 4x.....	3
DANC 127, Tap I, 2x.....	1
DANC 227, Tap II, 2x.....	1
DANC 121, Western Dance I.....	1
DANC 122, Latin Social Dance I, 2x.....	1
DANC 125, Ballroom Dance I, 2x.....	1
DANC 128, Social Dance.....	1
DANC 120, Ballet Folklorico I, 2x.....	1
DANC 220, Ballet Folklorico II, 2x.....	1
DANC 129, Flamenco I, 2x.....	1
DANC 229, Flamenco II, 2x.....	1

Dance Education (16 credit hours)

DANC 300*, Dance Pedagogy I.....	3
DANC 400*, Dance Pedagogy II.....	3
DANC 460, Dance History.....	3
DANC 451, World Dance.....	3
DANC 213*, Dance Practicum I.....	1
DANC 313*, Dance Practicum II.....	1
PEP 341, Motor Development.....	3
PEP 342, Motor Learning.....	3
DANC 450, Special Topics.....	1-3

Performance and Production (16 credit hours)

DANC 280*, Improvisation I.....	1
DANC 380*, Improvisation II.....	1
DANC 289*, Principles of Choreography I.....	2
DANC 389*, Principles of Choreography II.....	2
DANC 203, Production & Performance I, 4x.....	1
DANC 303, Production & Performance II, 4x.....	1

PEP 342, Motor Learning 3
 DANC 450, Special Topics.....1-3

Performance and Production (16 credit hours)
 DANC 280*, Improvisation I 1
 DANC 380*, Improvisation II 1
 DANC 289*, Principles of Choreography I 2
 DANC 389*, Principles of Choreography II 2
 DANC 203, Production & Performance I, 4x 1
 DANC 303, Production & Performance II, 4x 1
 DANC 204, Dance Sport I, 4x 1
 DANC 304, Dance Sport II, 4x 1
 DANC 205, Dance Ensemble I, 4x 1
 DANC 305, Dance Ensemble II, 4x 1
 DANC 499, Senior Project, 2x 1

Dance Science (3 credit hours)
 SPM 305*, Biomechanics 3

Business (3 credit hours)
 ACCT 251, Management Accounting 3
 MGT 201G, Introduction to Management 3

Electives: 8 hours to be taken in any subject of choice.
 *Required courses

MINOR: Dance
 For more information, visit the Undergraduate Advisement Center or the Department of Physical Education, Recreation and Dance for Dance Minor requirements .

MINOR: Exercise Science (20 – 21 credits)
 PEP 208, Fitness for Health and Sport..... 3
 SPM 305, Biomechanics..... 3
 SPM 308, Exercise Physiology..... 3
 SPM 309, Anatomical Kinesiology 3
 SPM 330, Exercise Prescription 3
 SPM 451, Advanced Exercise Physiology and either SPM 350, Sport Safety*
 or SPM 460, Principles of Strength and Conditioning 6
 *Cannot be taken by students who have already received credit for HLS 355.

SPECIAL EDUCATION/ COMMUNICATION DISORDERS

Associate Professor Robert Rhodes, department head

Professors De Leon, Gallegos; *Associate Professors* Chinn, Derer, S. Farmer, Lopez, Stout; *Assistant Professors* Brobeck, Brown, Duseau, Poel, Rhein, Salas, J. Wood
 (505) 646-2402

DEGREE: Bachelor of Science in Education
MAJOR: Special Education
MAJOR: Communication Disorders

The Department of Special Education/Communication Disorders offers two undergraduate programs that prepare professionals to work with exceptional populations in school, community, hospital, and residential settings. The Special Education program prepares students to provide appropriate educational services to individuals with disabilities. The Communication Disorders program provides training for students interested in speech-language pathology or audiology.

MAJOR: Special Education

The undergraduate program is designed to prepare students for licensure in special education. Students receive training in a broad based curriculum appropriate for teaching and other career options related to special education and developmental disabilities. In addition to special education course work, students complete an academic teaching field and may elect to pursue course work in a variety of focal areas including early childhood special education,

developmental disabilities, or counseling and educational psychology. Dual licensure in special and regular education (elementary or secondary) may be obtained.

General Requirements

See "General Requirements" in the "College of Education" section. Students must be admitted to the Teacher Education Program as a condition for enrolling in courses that lead to licensure.

Program Requirements (minimum 132 credits; minimum 55 upper-division)

The curriculum is designed to enable students to develop competencies identified for licensure. See "DEGREE: Bachelor of Science in Education; MAJOR: Special Education" earlier in this chapter.

MAJOR: Communication Disorders

The Communication Disorders curriculum provides specialized preparation for students who plan to enter a graduate program to become speech-language pathologists or audiologists. Students supplement their academic study of normal communication, communication disorders, and clinical management with observation and supervised clinical experience in the department's Speech and Hearing Center. To begin the clinical practicum sequence (C D 321, C D 462, and C D 479) a student must have a minimum 3.0 GPA.

The undergraduate program provides approximately one-half of the academic requirements needed for certification by the American Speech-Language-Hearing Association and licensure by the New Mexico State Department of Education. Certification and licensure at state and national levels requires completion of the master's degree. Details regarding certification are available from the Department of Special Education/Communication Disorders.

Professional employment opportunities for speech-language pathologists and audiologists are numerous in school systems, community clinics, medical centers, hospitals, private practice, residential programs, and schools for individuals with disabilities.

Program Requirements

Required course work (132 credits; minimum 55 upper-division credits):

General Requirements

See "General Requirements" in the "College of Education" section at the beginning of this chapter. A list of specific general education courses is available at the Education Advisement Center in O'Donnell Hall, Room 200.

Communication Disorders (63 credits)

C D 221, Introduction to Communication Disorders* 3
 C D 321, Clinical Methods..... 3
 C D 360, Language Acquisition* 3
 C D 370, Anatomy and Physiology of the Speech Mechanism..... 3
 C D 380, Introduction to Speech Science 3
 C D 390, Phonetics 3
 C D 393, Clinical Computer Applications 3
 C D 452, Articulation and Phonology 3
 C D 453, Language Disorders..... 3
 C D 456, Neural Bases of Communication Disorders..... 3
 C D 462, Clinical Procedures 3
 C D 464, Audiology/Aural Rehabilitation* 3
 C D 479, Clinical Practicum..... 6
 C D 481, Professional Issues 3
 C D 490, Training in Professional Teamwork 3
 CEP 110, Human Growth and Development 3
 SPED 350, Exceptional Learners..... 3
 Electives (Selected from the list of recommendations from the
 CD program)..... 9

*Courses recommended for students who plan to enter a graduate program in education of the deaf/hard of hearing.

Graduate Program (52 credits)

Students entering the graduate program with an undergraduate major in Communication Disorders can expect to complete the program in two years and be awarded a Masters of Arts in Education with emphasis in Communication Disorders and specialization in Speech-Language Pathology. Graduate programs for students without a communication disorders background are generally one year longer. Enrollment in graduate courses in Communication