

# ATHLETIC TRAINING - BACHELOR OF SCIENCE IN ATHLETIC TRAINING

The New Mexico State University (NMSU) Athletic Training Bachelors Degree Program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE), and has a competitive application process. The program provides a challenging didactic and comprehensive clinical educational experience, as well as, incorporates the values of a supportive academic and clinical community in order to prepare future leaders in athletic training.

Students who complete the degree requirements earn a Bachelor of Science in Athletic Training and are eligible to sit for the Board of Certification (BOC) examination. Students who pass the BOC exam are referred to as Certified Athletic Trainers (AT).

Please see the program webpage, <https://kind.nmsu.edu/training/>, for up-to-date information concerning all aspects of the Athletic Training Program (ATP).

## Application Procedures for Traditional Undergraduate Students

A limited number of applicants will be admitted to the professional phase of the Athletic Training major. **A maximum of 20 students will be admitted to the program each year.** Application to the Athletic Training Program takes place during the spring semester. A second round of admissions may occur in the summer for students completing pre-requisite coursework during one of the summer terms if space is available. Interested students must meet with the Program Director prior to applying for admissions to the ATP.

Application to the Athletic Training Program requires:

1. A cumulative GPA of 2.75 or higher
2. A prerequisite GPA of 3.00 or higher
3. The following courses must be in progress and/or completed at the time of application and also have specific grade requirements and are used to calculate the prerequisite GPA
  - a. SPMD 1110 Introduction to Athletic Training with a grade of B or better
  - b. SPMD 1190 Clinical Practicum I with a grade of B or better
  - c. SPMD 2130 Emergency Response in Sports Medicine with a grade of B or Better
  - d. SPMD 2210 Anatomy and Physiology I with a grade of C- or better
4. The following courses must be in progress and/or completed at time of application:

Prefix	Title	Credits
ENGL 1110G	Composition I	4
One of the following math courses must be completed and/or in progress at time of application		
MATH 1220G	College Algebra	3
or MATH 1250G	Trigonometry & Pre-Calculus	
or MATH 1430G	Applications of Calculus I	
or MATH 1511G	Calculus and Analytic Geometry I	

5. Submission of the following:

- a. Program application form
- b. An unofficial NMSU transcript
- c. Submission of official transcripts of any college courses taken at a college/university other than NMSU.
- d. Federal and state background check.
- e. Proof of current Emergency Cardiac Care (ECC) certification.
- f. Three forms of recommendation.
- g. Copy of physical examination completed by a licensed healthcare professional (MD/DO/PA/NP).
- h. Copy of vaccination verification showing completion of the following:<sup>1</sup>
  - i. MMR (2 doses administered 4-8 week apart or serologic test positive for MMR antibody)
  - ii. Varicella (2 doses administered 4-8 weeks apart or serologic test positive for Varicella antibody)
  - iii. Tetanus-Diphtheria-Pertussis (Tdap) (1 vaccine, or booster, within the past 10 years containing Pertussis)
  - iv. Hepatitis B (3 doses administered over a period of 4-6 months or a serologic test positive for Hepatitis B antibody)
  - v. TB screening (2-step TB skin test within the last 12 months that is negative)
- i. A signed copy of the programs technical standards for admission form.
- j. Essay addressing the question "Why athletic training is the correct major and career path for you" (500 word minimum).
- k. Completion of a minimum of 40 hours of clinical observation under the supervision of an Athletic Trainer.

<sup>1</sup> Applicants that cannot provide proof of vaccination due to religious or conscientious objection to vaccinations must meet with the Program Director.

## Transfer Student Policy

Transfer students who meet the Application Requirements may be considered for admission into the Athletic Training Program provided there is space available. The admission of transfer students will include a careful evaluation of the student's cumulative GPA and prerequisite coursework. The Program Director will make all decisions related to the acceptance of transfer courses required for the major. Transfer students should contact the Program Director regarding program requirements and any questions regarding transfer courses. Please see the program webpage, <https://kind.nmsu.edu/training/transfer/>, for a complete description of the AT program transfer policy.

## Degree Requirements

Students must complete all University degree requirements, which include: General Education requirements, Viewing a Wider World requirements, and elective credits to total at least 120 credits with 48 credits in courses numbered 3000 or above. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Prefix	Title	Credits
<b>General Education</b>		
<i>Area I: Communications</i>		
<i>English Composition - Level 1</i>		
ENGL 1110G	Composition I	4

*English Composition - Level 2*

ENGL 2210G Professional &amp; Technical Communication 3

*Oral Communication*

Choose one from the following: 3

COMM 1115G Introduction to Communication

COMM 1130G Public Speaking

AXED 2120G Effective Leadership and Communication in Agriculture

*Area II: Mathematics*

Choose one from the following: 3-4

MATH 1220G College Algebra

MATH 1250G Trigonometry &amp; Pre-Calculus

MATH 1430G Applications of Calculus I

MATH 1511G Calculus and Analytic Geometry I

*Area III/IV: Laboratory Sciences and Social/Behavioral Sciences* 11*Area III: Laboratory Sciences*

Choose 8 credits from the following:

BIOL 2610G Principles of Biology: Biodiversity, Ecology, and Evolution &amp; BIOL 2610L Evolution and Principles of Biology: Biodiversity, Ecology, and Evolution Laboratory

or BIOL 2110G Principles of Biology: Cellular and Molecular Biology &amp; BIOL 2110L and Principles of Biology: Cellular and Molecular Biology Laboratory

CHEM 1215G General Chemistry I Lecture and Laboratory for STEM Majors

or CHEM 1225G General Chemistry II Lecture and Laboratory for STEM Majors

or CHEM 1120G Introduction to Chemistry Lecture and Laboratory (non majors)

PHYS 1230G Algebra-Based Physics I &amp; PHYS 1230L and Algebra-Based Physics I Lab

or PHYS 1240G Algebra-Based Physics II &amp; PHYS 1240L and Algebra-Based Physics II Lab

*Area IV: Social & Behavioral Sciences*

PSYC 1110G Introduction to Psychology (Required for AT Degree)

*Area V: Humanities*

Choose one from the following: 3

ENGL 1410G Introduction to Literature

ENGL 2310G Introduction to Creative Writing

ENGL 2520G Film as Literature

ENGL 2650G World Literature I

HIST 1105G Making History

HIST 1110G United States History I

HIST 1120G United States History II

HIST 1130G World History I

HIST 1140G World History II

HIST 1150G Western Civilization I

HIST 1160G Western Civilization II

HIST 2245G Islamic Civilizations to 1800

HIST 2246G Islamic Civilizations since 1800

HIST 2250G East Asia to 1600

HIST 2251G East Asia since 1600

PHIL 1115G Introduction to Philosophy

PHIL 1120G Logic, Reasoning, &amp; Critical Thinking

PHIL 1140G Quest for God

PHIL 1155G Philosophy of Music

PHIL 2230G Philosophical Thought

*Area VI: Creative and Fine Arts*

Choose one from the following: 3

ARTH 1115G Orientation in Art

ARTS 1145G Visual Concepts

DANC 1110G Dance Appreciation

MUSC 1110G Music Appreciation: Jazz

MUSC 1130G Music Appreciation: Western Music

THEA 1110G Introduction to Theatre

*General Education Elective*<sup>2</sup> 3-4**Viewing the Wider World**<sup>3</sup> 6**Departmental/College Requirements***Athletic Training Pre-Requisites*SPMD 1190 Clinical Practicum I<sup>4</sup> 2

SPMD 1110 Introduction to Athletic Training 3

SPMD 2130 Emergency Response in Sports Medicine 2

SPMD 2210 Anatomy and Physiology I 3

*Athletic Training Core (67 credits)*

NUTR 2110 Human Nutrition 3

SPMD 1195 Clinical Practicum II 3

SPMD 2210L Anatomy and Physiology Laboratory 1

SPMD 3010 Orthopedic Examination, Evaluation and Diagnosis of Lower Extremity Injuries 4

SPMD 3050 Therapeutic Modalities 4

SPMD 3090 Clinical Practicum III 3

SPMD 3093 Clinical Practicum IV 3

SPMD 3210 Anatomy and Physiology II 3

SPMD 3210L Anatomy and Physiology II Lab 1

SPMD 3410 Exercise Physiology 3

SPMD 3450 Biomechanics 3

SPMD 3550 Psychology of Sport 3

or SPMD 3610 Health and Exercise Psychology

SPMD 4010 Orthopedic Examination, Evaluation and Diagnosis of Upper Extremity Injuries 4

SPMD 4015 Therapeutic Exercise 3

SPMD 4020 Orthopedic Examination, Evaluation and Diagnosis of Core, Spine and Head Injuries 3

SPMD 4025 Pharmacology in Athletic Training 2

SPMD 4030 Organization and Administration in Athletic Training 3

SPMD 4090 Clinical Practicum V 3

SPMD 4093 Clinical Practicum VI 3

SPMD 4095 Clinical Practicum VII 3

SPMD 4250 Principles of Strength and Conditioning 3

Select 3 credits from the following 3

SPMD 4997 Problems

or SPMD 4098 Advanced Athletic Training I

*Statistics Requirement*

Select 3 credits from the following 3

MATH 1350G Introduction to Statistics

MATH 2350G Statistical Methods

A ST 311 Statistical Applications

SPMD 3350 Inferential Statistics in Sport and Exercise Science

**Electives, to bring the total credits to 120**

Select a minimum of 4 credits from the following or approved by the AT Program Director: 4

PSYC 302 Abnormal Psychology

SPMD 1120 Medical Terminology

SPMD 3450L	Biomechanics Laboratory	
SPMD 3610	Health and Exercise Psychology	
or SPMD 3550	Psychology of Sport	
SPMD 3650	Motor Development	
SPMD 3710	Motor Learning	
SPMD 4210	Advanced Exercise Physiology	
SPMD 4250L	Principles of Strength and Conditioning Laboratory	
SPMD 4098	Advanced Athletic Training I	
or SPMD 4997	Problems	
SPMD 4350	Exercise Testing and Prescription	
Total Credits		120-122

<sup>1</sup> One of these mathematics courses, MATH 1220G, MATH 1430G, MATH 1511G or MATH 1521G is required for the Athletic Training degree. Students may be required to complete pre-requisites before enrolling in the math courses.

<sup>2</sup> See the [General Education](#) (GE) section for a full list of courses, and specific specifications for the course to satisfy the GE Elective requirement.

<sup>3</sup> See the [Viewing a Wider World](#) section in the undergraduate catalog for a full list of courses.

<sup>4</sup> Students interested in majoring in Athletic Training must meet with the Athletic Training Program Director prior to enrolling in SPMD 1190 Clinical Practicum I.

## A Suggested Plan of Study for Students

This roadmap assumes student placement in [MATH 1220G](#) College Algebra and [ENGL 1110G](#) Composition I. The contents and order of this roadmap may vary depending on initial student placement in mathematics and English. It is only a suggested plan of study for students and is not intended as a contract. Course availability may vary from fall to spring semester and may be subject to modification or change.

Course	Title	Credits
<b>First Year</b>		
<b>Semester 1</b>		
ENGL 1110G	Composition I <sup>1</sup>	4
or ENGL 1110H	or Composition I Honors	
Choose one from the following: <sup>1</sup>		4
BIOL 2610G & BIOL 2610L	Principles of Biology: Biodiversity, Ecology, and Evolution and Principles of Biology: Biodiversity, Ecology, and Evolution Laboratory	
CHEM 1120G	Introduction to Chemistry Lecture and Laboratory (non majors)	
CHEM 1215G	General Chemistry I Lecture and Laboratory for STEM Majors	
PSYC 1110G	Introduction to Psychology	3
SPMD 1110	Introduction to Athletic Training	3
Area V: Humanities Course		3
Credits		17
<b>Semester 2</b>		
Choose one from the following:		3-4
MATH 1220G	College Algebra	
MATH 1250G	Trigonometry & Pre-Calculus	
MATH 1430G	Applications of Calculus I	
MATH 1511G	Calculus and Analytic Geometry I	

ENGL 2210G	Professional & Technical Communication	3
SPMD 2210 & 2210L	Anatomy and Physiology I and Anatomy and Physiology Laboratory <sup>1</sup>	4
Area VI: Creative and Fine Arts Course <sup>2</sup>		3
SPMD 2130	Emergency Response in Sports Medicine <sup>1</sup>	2
SPMD 1190	Clinical Practicum I (Spring only) <sup>1</sup>	2
Credits		17-18

### Second Year

#### Semester 1

SPMD 1195	Clinical Practicum II	3
SPMD 3210 & 3210L	Anatomy and Physiology II and Anatomy and Physiology II Lab	4
Area III: Laboratory Science Course <sup>2</sup>		4
NUTR 2110	Human Nutrition	3
Choose one from the following:		3
COMM 1115G	Introduction to Communication	
COMM 1130G	Public Speaking	
AXED 2120G	Effective Leadership and Communication in Agriculture	
Credits		17

#### Semester 2

SPMD 3010	Orthopedic Examination, Evaluation and Diagnosis of Lower Extremity Injuries	4
SPMD 3050	Therapeutic Modalities	4
SPMD 3090	Clinical Practicum III	3
SPMD 3410	Exercise Physiology	3
General Education Elective Course <sup>2</sup>		3
Credits		17

### Third Year

#### Semester 1

SPMD 3093	Clinical Practicum IV	3
SPMD 4010	Orthopedic Examination, Evaluation and Diagnosis of Upper Extremity Injuries	4
SPMD 4015	Therapeutic Exercise	3
SPMD 4250	Principles of Strength and Conditioning	3
Students who must enroll in 15 credits a semester for Financial Aid purposes will need to enroll in additional elective credits		
Credits		13

#### Semester 2

SPMD 3450	Biomechanics <sup>1</sup>	3
SPMD 3610	Health and Exercise Psychology	3
or SPMD 3550	or Psychology of Sport	
SPMD 4020	Orthopedic Examination, Evaluation and Diagnosis of Core, Spine and Head Injuries (Spring Only) <sup>1</sup>	3
SPMD 4090	Clinical Practicum V (Spring Only) <sup>1</sup>	3
Elective Course (or AT Program Director Approved) <sup>4</sup>		4
Credits		16

### Fourth Year

#### Semester 1

SPMD 4093	Clinical Practicum VI (Fall Only)	3
SPMD 4030	Organization and Administration in Athletic Training (Fall Only) <sup>1</sup>	3
SPMD 4025	Pharmacology in Athletic Training (Fall Only)	2
Choose one from the following:		3
MATH 1350G	Introduction to Statistics	
MATH 2350G	Statistical Methods	
A ST 311	Statistical Applications	

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SPMD 3350	Inferential Statistics in Sport and Exercise Science	
VWW: Viewing a Wider World Course <sup>3</sup>		3
Students who must enroll in 15 credits a semester for Financial Aid purposes will need to enroll in additional elective credits		
Credits		14
<b>Semester 2</b>		
SPMD 4095	Clinical Practicum VII (Spring Only)	3
SPMD 4098 or SPMD 4997	Advanced Athletic Training I <sup>1</sup> or Problems	3
Viewing a Wider World Course <sup>3</sup>		3
Students who must enroll in 15 credits a semester for Financial Aid purposes will need to enroll in additional elective credits		
Credits		9
Total Credits		120-121

- <sup>1</sup> These courses may have prerequisites and/or co-requisites, and it is the students responsibility for checking and fulfilling all those requirements.
- <sup>2</sup> See the [General Education](#) section of the catalog for a full list of courses.
- <sup>3</sup> See the [Viewing a Wider World](#) section of the catalog for a full list of courses.
- <sup>4</sup> Select from below or speak with the Athletic Training Program Director for other approved electives:
- PSYC 302 Abnormal Psychology
  - SPMD 1120 Medical Terminology
  - SPMD 3450L Biomechanics Laboratory
  - SPMD 3610 Health and Exercise Psychology or SPMD 3550 Psychology of Sport
  - SPMD 3650 Motor Development
  - SPMD 3710 Motor Learning
  - SPMD 4210 Advanced Exercise Physiology
  - SPMD 4250L Principles of Strength and Conditioning Laboratory
  - SPMD 4098 Advanced Athletic Training I or SPMD 4997 Problems
  - SPMD 4350 Exercise Testing and Prescription