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 prerequisite 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:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1110G</td>
<td>Composition I</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>One of the following math courses must be completed and/or in progress at time of application</td>
<td></td>
</tr>
<tr>
<td>MATH 1220G</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>or MATH 1250G Trigonometry &amp; Pre-Calculus</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or MATH 1430G Applications of Calculus I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or MATH 1511G Calculus and Analytic Geometry I</td>
<td></td>
</tr>
</tbody>
</table>
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:¹
      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.

¹ 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.

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1110G</td>
<td>Composition I</td>
<td>4</td>
</tr>
</tbody>
</table>

General Education

Area I: Communications

English Composition - Level 1
### English Composition - Level 2

**ENGL 2210G**  
Professional & 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 & 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
- **BIOL 2110G**  
Principles of Biology: Cellular and Molecular Biology
- **CHEM 1215G**  
General Chemistry I Lecture and Laboratory for STEM Majors
- **CHEM 1225G**  
General Chemistry II Lecture and Laboratory for STEM Majors
- **CHEM 1120G**  
Introduction to Chemistry Lecture and Laboratory (non majors)
- **PHYS 1230G**  
Algebra-Based Physics I
- **PHYS 1230L**  
Algebra-Based Physics I Lab
- **PHYS 1240G**  
Algebra-Based Physics II
- **PHYS 1240L**  
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

### 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**  
2

### Viewing the Wider World

3-4

### Departmental/College Requirements

### Athletic Training Pre-Requisites

- **SPMD 1190**  
Clinical Practicum I  
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
- **SPMD 3610**  
Health and Exercise Psychology  
3
- **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:

- **SPMD 4997**  
Problems
- **SPMD 4098**  
Advanced Athletic Training I

### Statistics Requirement
Select 3 credits from the following

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1350G</td>
<td>Introduction to Statistics</td>
</tr>
<tr>
<td>MATH 2350G</td>
<td>Statistical Methods</td>
</tr>
<tr>
<td>A ST 311</td>
<td>Statistical Applications</td>
</tr>
<tr>
<td>SPMD 3350</td>
<td>Inference Statistics in Sport and Exercise Science</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 302</td>
<td>Abnormal Psychology</td>
</tr>
<tr>
<td>SPMD 1120</td>
<td>Medical Terminology</td>
</tr>
<tr>
<td>SPMD 3450L</td>
<td>Biomechanics Laboratory</td>
</tr>
<tr>
<td>SPMD 3610</td>
<td>Health and Exercise Psychology</td>
</tr>
<tr>
<td>or SPMD 3550</td>
<td>Psychology of Sport</td>
</tr>
<tr>
<td>SPMD 3650</td>
<td>Motor Development</td>
</tr>
<tr>
<td>SPMD 4210</td>
<td>Advanced Exercise Physiology</td>
</tr>
<tr>
<td>SPMD 4250L</td>
<td>Principles of Strength and Conditioning Laboratory</td>
</tr>
<tr>
<td>SPMD 4098</td>
<td>Advanced Athletic Training I</td>
</tr>
<tr>
<td>or SPMD 4997</td>
<td>Problems</td>
</tr>
<tr>
<td>SPMD 4350</td>
<td>Exercise Testing and Prescription</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1120G</td>
<td>Introduction to Chemistry Lecture and Laboratory (non majors)</td>
</tr>
<tr>
<td>CHEM 1215G</td>
<td>General Chemistry I Lecture and Laboratory for STEM Majors</td>
</tr>
<tr>
<td>PSYC 1110G</td>
<td>Introduction to Psychology</td>
</tr>
<tr>
<td>SPMD 1110</td>
<td>Introduction to Athletic Training</td>
</tr>
<tr>
<td>Area V: Humanities Course</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
</tr>
</tbody>
</table>

**Semester 2**

Choose one from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1220G</td>
<td>College Algebra</td>
</tr>
<tr>
<td>MATH 1250G</td>
<td>Trigonometry &amp; Pre-Calculus</td>
</tr>
<tr>
<td>MATH 1430G</td>
<td>Applications of Calculus I</td>
</tr>
<tr>
<td>MATH 1511G</td>
<td>Calculus and Analytic Geometry I</td>
</tr>
<tr>
<td>ENGL 2210G</td>
<td>Professional &amp; Technical Communication</td>
</tr>
<tr>
<td>SPMD 2210 &amp; 2210L</td>
<td>Anatomy and Physiology I and Anatomy and Physiology Laboratory</td>
</tr>
<tr>
<td>Area VI: Creative and Fine Arts Course</td>
<td></td>
</tr>
<tr>
<td>SPMD 2130</td>
<td>Emergency Response in Sports Medicine</td>
</tr>
<tr>
<td>SPMD 1190</td>
<td>Clinical Practicum I (Spring only)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
</tr>
</tbody>
</table>

**Second Year**

**Semester 1**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPMD 1195</td>
<td>Clinical Practicum II</td>
</tr>
<tr>
<td>SPMD 3210</td>
<td>Anatomy and Physiology II</td>
</tr>
<tr>
<td>SPMD 3210 &amp; 3210L</td>
<td>Anatomy and Physiology II Lab</td>
</tr>
<tr>
<td>Area III: Laboratory Science Course</td>
<td></td>
</tr>
<tr>
<td>NUTR 2110</td>
<td>Human Nutrition</td>
</tr>
<tr>
<td>Choose one from the following:</td>
<td></td>
</tr>
<tr>
<td>COMM 1115G</td>
<td>Introduction to Communication</td>
</tr>
<tr>
<td>COMM 1130G</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>AXED 2120G</td>
<td>Effective Leadership and Communication in Agriculture</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
</tr>
</tbody>
</table>

**Semester 2**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPMD 3010</td>
<td>Orthopedic Examination, Evaluation and Diagnosis of Lower Extremity Injuries</td>
</tr>
<tr>
<td>SPMD 3050</td>
<td>Therapeutic Modalities</td>
</tr>
<tr>
<td>SPMD 3090</td>
<td>Clinical Practicum III</td>
</tr>
<tr>
<td>SPMD 3410</td>
<td>Exercise Physiology</td>
</tr>
<tr>
<td>General Education Elective Course</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

**Third Year**

**Semester 1**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPMD 3093</td>
<td>Clinical Practicum IV</td>
</tr>
<tr>
<td>SPMD 4010</td>
<td>Orthopedic Examination, Evaluation and Diagnosis of Upper Extremity Injuries</td>
</tr>
<tr>
<td>SPMD 4015</td>
<td>Therapeutic Exercise</td>
</tr>
<tr>
<td>SPMD 4250</td>
<td>Principles of Strength and Conditioning</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
</tr>
</tbody>
</table>

---

1 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.

2 See the General Education (GE) section for a full list of courses, and specific specifications for the course to satisfy the GE Elective requirement.

3 See the Viewing a Wider World section in the undergraduate catalog for a full list of courses.

4 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1110G</td>
<td>Composition I ¹</td>
</tr>
<tr>
<td>or ENGL 1110H</td>
<td>or Composition I Honors</td>
</tr>
<tr>
<td>Choose one from the following:</td>
<td></td>
</tr>
</tbody>
</table>
Students who must enroll in 15 credits a semester for Financial Aid purposes will need to enroll in additional elective credits

<table>
<thead>
<tr>
<th>Semester 2</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPMD 3450</td>
<td>Biomechanics ¹</td>
</tr>
<tr>
<td>SPMD 3610</td>
<td>Health and Exercise Psychology or Psychology of Sport</td>
</tr>
<tr>
<td>SPMD 4020</td>
<td>Orthopedic Examination, Evaluation and Diagnosis of Core, Spine and Head Injuries (Spring Only) ¹</td>
</tr>
<tr>
<td>SPMD 4090</td>
<td>Clinical Practicum V (Spring Only) ¹</td>
</tr>
<tr>
<td>Elective Course (or AT Program Director Approved) ⁴</td>
<td>4</td>
</tr>
</tbody>
</table>

**Fourth Year**

**Semester 1**

| SPMD 4093  | Clinical Practicum VI (Fall Only) | 3 |
| SPMD 4030  | Organization and Administration in Athletic Training (Fall Only) ¹ | 3 |
| SPMD 4025  | Pharmacology in Athletic Training (Fall Only) | 2 |

Choose one from the following:

| MATH 1350G | Introduction to Statistics |
| MATH 2350G | Statistical Methods |
| A ST 311   | Statistical Applications |
| SPMD 3350  | Inferential Statistics in Sport and Exercise Science |

VWW: Viewing a Wider World Course ³ | 3 |

Students who must enroll in 15 credits a semester for Financial Aid purposes will need to enroll in additional elective credits

| Credits | 14 |

**Semester 2**

| SPMD 4095  | Clinical Practicum VII (Spring Only) | 3 |
| SPMD 4098  | Advanced Athletic Training I ¹ or SPMD 4997 or Problems | 3 |

Viewing a Wider World Course ³ | 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 |

¹ These courses may have prerequisites and/or co-requisites, and it is the student’s responsibility for checking and fulfilling all those requirements.

² See the General Education section of the catalog for a full list of courses.

³ See the Viewing a Wider World section of the catalog for a full list of courses.

⁴ 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