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>
</tbody>
</table>

One of the following math courses must be completed and/or in progress at time of application

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<thead>
<tr>
<th>Prefix</th>
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<tbody>
<tr>
<td>MATH 1220G</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>or MATH 1250G</td>
<td>Trigonometry &amp; Pre-Calculus</td>
<td></td>
</tr>
<tr>
<td>or MATH 1430G</td>
<td>Applications of Calculus</td>
<td></td>
</tr>
<tr>
<td>or MATH 1511G</td>
<td>Calculus and Analytic Geometry I</td>
<td></td>
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</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:
   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.

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<tr>
<td>ENGL 1110G</td>
<td>Composition I</td>
<td>4</td>
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</tbody>
</table>

General Education

| Area I: Communications
| English Composition - Level 1

| ENGL 1110G | Composition I | 4 |
Choose one from the following:

Area V: Humanities

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, & 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:

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

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

Choose one from the following:

Area II: Mathematics

MATH 1220G College Algebra
MATH 1250G Trigonometry & Pre-Calculus
MATH 1430G Applications of Calculus I
MATH 1511G Calculus and Analytic Geometry I

Area III: Laboratory Sciences

Choose 8 credits from the following:

BIOL 2610G Principles of Biology: Biodiversity, Ecology, and Evolution
or BIOL 2110L Principles of Biology: Cellular and Molecular Biology

Area IV: Social & Behavioral Sciences

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

Area V: Humanities

Choose one from the following:

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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, & Critical Thinking
PHIL 1140G Quest for God
PHIL 1155G Philosophy of Music
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Area VI: Creative and Fine Arts

Choose one from the following:

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MUSC 1110G Music Appreciation: Jazz
MUSC 1130G Music Appreciation: Western Music
THEA 1110G Introduction to Theatre

General Education Elective

Viewing the Wider World

Departmental/College Requirements

Athletic Training Pre-Requisites

SPMD 1190 Clinical Practicum I
SPMD 1110 Introduction to Athletic Training
SPMD 2130 Emergency Response in Sports Medicine
SPMD 2210 Anatomy and Physiology I

Athletic Training Core (67 credits)

NUTR 2110 Human Nutrition
SPMD 1195 Clinical Practicum II
SPMD 2210 Anatomy and Physiology Laboratory
SPMD 3010 Orthopedic Examination, Evaluation and Diagnosis of Lower Extremity Injuries
SPMD 3050 Therapeutic Modalities
SPMD 3090 Clinical Practicum III
SPMD 3093 Clinical Practicum IV
SPMD 3210 Anatomy and Physiology II
SPMD 3210L Anatomy and Physiology II Lab
SPMD 3410 Exercise Physiology
SPMD 3450 Biomechanics
SPMD 3550 Psychology of Sport
or SPMD 3610 Health and Exercise Psychology
SPMD 4010 Orthopedic Examination, Evaluation and Diagnosis of Upper Extremity Injuries
SPMD 4015 Therapeutic Exercise
SPMD 4020 Orthopedic Examination, Evaluation and Diagnosis of Core, Spine and Head Injuries
SPMD 4025 Pharmacology in Athletic Training
SPMD 4030 Organization and Administration in Athletic Training
SPMD 4090 Clinical Practicum V
SPMD 4093 Clinical Practicum VI
SPMD 4095 Clinical Practicum VII
SPMD 4250 Principles of Strength and Conditioning

Select 3 credits from the following

SPMD 4997 Problems
or SPMD 4098 Advanced Athletic Training I

Statistics Requirement

Select 3 credits 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

Electives, to bring the total credits to 120

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

PSYC 302 Abnormal Psychology
SPMD 1120 Medical Terminology
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>
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<th>Credits</th>
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<tr>
<td>ENGL 1110G or ENGL 1110H</td>
<td>Composition I ¹ or Composition I Honors</td>
<td>4</td>
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<tr>
<td>Choose one from the following: ¹</td>
<td>BIOL 2610G &amp; BIOL 2610L Principles of Biology: Biodiversity, Ecology, and Evolution and Principles of Biology: Biodiversity, Ecology, and Evolution Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1120G</td>
<td>Introduction to Chemistry Lecture and Laboratory (non majors)</td>
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<tr>
<td>CHEM 1215G</td>
<td>General Chemistry I Lecture and Laboratory for STEM Majors</td>
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<tr>
<td>PSYC 1110G</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SPMD 1110</td>
<td>Introduction to Athletic Training</td>
<td>3</td>
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<tr>
<td>Area V: Humanities Course</td>
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<td>3</td>
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<tr>
<td>Semester 2</td>
<td>Choose one from the following: ³ MATH 1220G College Algebra</td>
<td>3-4</td>
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<tr>
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<td>MATH 1250G Trigonometry &amp; Pre-Calculus</td>
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<td>SPMD 3610 or SPMD 3550 Psychology of Sport</td>
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<td>SPMD 3650 Motor Development</td>
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<td>SPMD 3710 Motor Learning</td>
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<td></td>
<td>SPMD 4210 Advanced Exercise Physiology</td>
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<td></td>
<td>SPMD 4250L Principles of Strength and Conditioning Laboratory</td>
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<td></td>
<td>SPMD 4098 or SPMD 4997 Advanced Athletic Training Problems</td>
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<tr>
<td></td>
<td>SPMD 4350 Exercise Testing and Prescription</td>
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<tr>
<td>Total Credits</td>
<td>120-122</td>
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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.

Second Year

| Semester 1 | SPMD 1195 Clinical Practicum II                                      | 3       |
|            | SPMD 3210 or SPMD 3210L Anatomy and Physiology II and Anatomy and Physiology Laboratory ¹ | 4       |
|            | Area VI: Creative and Fine Arts Course ²                            | 3       |
|            | SPMD 2130 Emergency Response in Sports Medicine ¹                  | 2       |
|            | SPMD 1190 Clinical Practicum I (Spring only) ¹                    | 2       |
| Credits                                               | 17-18              |

| 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 ²                                 | 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       |
| Credits                                               | 13                  |

| Semester 2 | SPMD 3450 Biomechanics ¹                                            | 3       |
|            | SPMD 3610 or SPMD 3550 Psychology of Sport                           | 3       |
|            | SPMD 4020 Orthopedic Examination, Evaluation and Diagnosis of Core, Spine and Head Injuries (Spring Only) ¹ | 3       |
|            | SPMD 4090 Clinical Practicum V (Spring Only) ¹                       | 3       |
|            | Elective Course (or AT Program Director Approved) ⁴                 | 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) | 3       |
|            | SPMD 4025 Pharmacology in Athletic Training (Fall Only)               | 2       |
| Credits                                               | 17                  |

| Semester 2 | MATH 1350G Introduction to Statistics                                | 3       |
|            | MATH 2350G Statistical Methods                                       | 3       |
|            | 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

<table>
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<th>Course</th>
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<tbody>
<tr>
<td>SPMD 4095  Clinical Practicum VII (Spring Only)</td>
<td>3</td>
</tr>
<tr>
<td>SPMD 4098  Advanced Athletic Training I 1 or SPMD 4997 Problems</td>
<td>3</td>
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</table>

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