

MICHIGAN STATE UNIVERSITY

January 28, 2011

MEMORANDUM

TO: Dr. Douglas Estry, Associate Provost for Undergraduate Education
and Dean of Undergraduate Studies

FROM: Dr. Linda O. Stanford, Associate Provost for Academic Services

RE: Request to Change the Requirements for the Bachelor of Science
Degree in Athletic Training which Requires a Minimum Grade-Point
Average of 2.00 in Selected Courses in the Degree

For Transmittal to the University Committee on Academic Policy UCAP)

The request referenced above is being sent to the University Committee on Academic Policy (UCAP) in accordance with the *Bylaws for Academic Governance*, 4.4.

UCAP Response Requested:

Please ask the UCAP to consider the request referenced above and provide consultative commentary prior to the March 3, 2011 Full Committee, UCC meeting. Please mail the related materials referenced under the heading Attachments at the end of this memorandum to the UCAP members.

The academic program and course requests referenced above will be included on the agenda for the February 10, 2011 meeting of Subcommittee C, University Committee on Curriculum (UCC). Requests that are approved by Subcommittee C on February 10 will be before the Full Committee, UCC, for action on March 3, 2011. Requests that are approved by the Full Committee on March 3 will be included in the March 22, 2011, Report of the UCC to the Academic Council.

If you have any questions, please call Joy Speas, University Curriculum Administrator, at 5-8420.

Thank you.

Attachments:

1. Request for Changes in an Academic Program form dated November 16, 2010: Bachelor of Science Degree in Athletic Training and attachments.

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University Curriculum and Catalog

176 Administration Bldg.
East Lansing, MI
48824-1046

517-355-8420
Fax: 517-353-1935

COLLEGE OF EDUCATION

1. Request to change the requirements for the **Bachelor of Science** degree in **Athletic Training** in the Department of Kinesiology. The University Committee on Academic Policy (UCAP) will consider this request.

a. Under the heading **Requirements for the Bachelor of Science Degree in Athletic Training** make the following changes in item 2. a.:

(1) Change item 1., paragraph two to the following:

Students enrolled in the Athletic Training major leading to the Bachelor of Science degree in the Department of Kinesiology may complete an alternative track to Integrative Studies in Biological and Physical Sciences that consists of the following courses: Chemistry 141 and 161, Physics 231 and 251, and Physiology 250. The completion of Chemistry 161 and Physics 251 satisfies the laboratory requirement. Chemistry 141 and 151, Physics 231 and 251, and Physiology 250 may be counted toward both the alternative track and the requirements for the major referenced in item 2. a. below.

(2) Change item 1., paragraph two to the following:

The University's Tier II writing requirement for the Athletic Training major is met by completing Kinesiology 345. That course is referenced in item 2. b. below.

(3) In item 2. b. make the following changes:

(a) Change the total credits from '36' to '39'.

(b) Delete the following courses:

KIN	170	Foundations of Kinesiology	2
KIN	260	Physical Growth and Motor Behavior	3
KIN	330	Structural and Mechanical Analysis of Physical Activity	3
KIN	340	Psychological Bases of Physical Activity	3
KIN	445	Sociocultural Analysis of Physical Activity (W)	3

Add the following courses:

KIN	173	Foundations of Kinesiology	3
KIN	330	Biomechanics of Physical Activity	3
KIN	345	Sport and Exercise Psychology (W)	3
KIN	360	Physical Growth and Motor Behavior	3
KIN	411	Laboratory Experiences in exercise Physiology	2

(4) Delete item 2. d.

(5) Reletter items 2. e., 2. f., 2. g., and 2. h. to 2. d., 2. e., 2. f., and 2. g. respectively.

Effective Fall 2011.

View a Program		Main Menu
Joy Speas, RO	Wednesday, 11/17/2010	
Program Name: Athletic Training Degree: BS Sequence Number: 3	Program Request ID: 1870	
Effective Dates: Fall 2011 - Open Status: Interim Initial Action: Change		
Requested Date: 11/8/2010 10:56:09 AM		
<p>1. Department/School/College: 14394 Department of Kinesiology</p> <p>2. Name of Program: Athletic Training</p> <p>3. Name of Degree: BS</p> <p>4. Type of Program: Major</p> <p>5. Effective Start Semester: Fall 2011</p> <p>6. Target student audience for the program: Athletic training majors</p> <p>7. Enrollment: What is the expected enrollment per year: 50 What is the minimum enrollment acceptable: 10</p> <p>8. Source of budget for the program: To align academic planning and curricular change, ALL requests for NEW funds must be included in the College's annual planning letter. Provost approval of new funds and the effective date for the new program must align. If funding is not approved, then the program request will not be forwarded to Academic Council. Internal reallocation If new funds, was this request included in the College's annual planning letter? Indicate yes or no. If no, then this is a department or college fund reallocation (If the program is implemented, no additional resources are required.).</p> <p>9. Projected Costs as compared to other programs in unit: Same</p> <p>10. Staff requirement: How many additional staff will be required: 0 Who will provide the primary instruction. Describe any external linkages(industry, government, etc.):</p>		

Kinesiology and Athletic Training faculty.

11. Will additional equipment be required:

Approximate cost: 0

Source of funding:

12. Will additional library materials be required:

Approximate cost: 0

Source of funding: no additional materials are required

13. Will additional space be required:

Type:

Approximate amount:

14. If the program requirements contain a named concentration, do you wish for the concentration to be noted on the student's transcript?:

No

15. Detailed Description:

Rationale: The change in the Athletic Training Program was precipitated by changes in the Kinesiology major. KIN changes affecting the Athletic Training program are identified. The rationale is similar to the KIN program. The KIN Undergraduate Studies and Curriculum Committee was given the task of streamlining the undergraduate curriculum and allowing students more choices within the major. The KIN and AT faculty approved the suggested changes, which reduces the total number of credits from 88 to 84. In reviewing the curriculum, KIN 370 had not been offered in a number of semesters. Upon closer investigation, KIN 170 and KIN 370 were found to overlap. We merged and added content to a new KIN 173 Foundations course. KIN 260 Physical Growth and Motor Development faculty requested that KIN 216 be a prerequisite, and to restrict it to juniors and seniors. Those decisions, we felt, required that the course number be elevated to a junior level class, KIN 360. A new course KIN 365 Sensorimotor Control was developed, and incorporates the motor learning aspects that were covered in KIN 340 (Psychological Aspects of Physical Activity). As it currently stands, Athletic Training majors would take KIN 360 in place of KIN 260. KIN 345, Sport and Exercise Psychology, was developed to reflect the changes made when the motor learning aspects from KIN 340 were moved to KIN 365. The Athletic Training faculty decided that KIN 360 will be required of their majors. Additionally, KIN 345 was identified as a Tier II writing course in the new KIN program. AT majors will take KIN 345 as their Tier II writing course. KIN 445 was dropped from the new AT program. KIN 371 (Introduction to Research Methods in Kinesiology) is open to any KIN or AT major, at the junior or senior level. KIN 411 Laboratory Experiences in Exercise Physiology continues to be required of all AT majors.

Athletic Training

<p style="text-align: center;">Current <i>Athletic Training</i></p>	<p style="text-align: center;">Proposed <i>Athletic Training</i></p>
<p><input type="checkbox"/></p>	<p><input type="checkbox"/></p>
<p>The major in athletic training prepares students to</p>	<p>The major in athletic training prepares students to</p>

work with athletes, physicians, and coaches to ensure the health care and well-being of the competitive and recreational athlete. The Michigan State University athletic training major blends clinical and academic learning experiences. Students will gain knowledge and skills in evaluation and the treatment and rehabilitation of athletic injuries and will be prepared to organize and manage athletic training programs. The Michigan State University student majoring in athletic training is exposed to state-of-the-art philosophies, equipment, and research.

A student in this major will complete a two-year athletic training curriculum while working in a variety of clinical settings. These settings include on-campus rotations within the athletic department, high schools, and various clinics. Through clinical education, the student will encounter experiences requiring immediate decision-making, physician consultation, injury evaluations, and communications with coaches, student-athletes, and approved clinical instructors. Students who complete this major will be eligible to take the Board of Certification (BOC) examination.

The Bachelor of Science degree in Athletic Training is designed to prepare students for job opportunities in collegiate, professional, clinical, high school, and industrial settings. Students who graduate from this program may enter professional physical therapy programs, medical programs, or graduate studies in kinesiology. The degree is accredited by the Commission on Accreditation of Athletic Training (CAATE).

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Admission as a Junior

Admission to the athletic training major is competitive. A limited number of students are admitted. The deadline for application to the major is February 1. The decision regarding admission to the major is based on the following criteria:

1. Submission of the following: (a) an application to the major in athletic training; (b) an essay expressing reasons for selecting the field of athletic training; and (c) three letters of personal reference.
2. Completion of the following prerequisite courses with a grade-point average of 2.5 in these courses:
 KIN 125 First Aid and Personal Safety (3)
 KIN 126 Introduction to Athletic Training(3)
 KIN 127 Clinical Observation in Athletic Training (1)
 KIN 227 Clinical Rotations in Athletic Training (2)
 KIN 320 Pathology of Sports Injury (3)
3. A minimum grade of 2.00 in each of the following courses: Chemistry 141, Kinesiology 216, Mathematics 103, Physics and Astronomy 231, and Physiology 250.
4. University grade-point average of 2.5 or above.

Admission as a Junior

Admission to the athletic training major is competitive. A limited number of students are admitted. The deadline for application to the major is February 1. The decision regarding admission to the major is based on the following criteria:

1. Submission of the following: (a) an application to the major in athletic training; (b) an essay expressing reasons for selecting the field of athletic training; and (c) three letters of personal reference.
2. Completion of the following prerequisite courses with a grade-point average of 2.5 in these courses:
 KIN 125 First Aid and Personal Safety (3)
 KIN 126 Introduction to Athletic Training (3)
 KIN 127 Clinical Observation in Athletic Training (1)
 KIN 227 Clinical Rotations in Athletic Training (2)
 KIN 320 Pathology of Sports Injury (3)
3. A minimum grade of 2.00 in each of the following courses: Chemistry 141, Kinesiology 216, Mathematics 103, Physics and Astronomy 231, and Physiology 250.

5. Interview with the Michigan State University Athletic Training Admissions Board.

6. Space availability in the formal clinical curriculum sites.

Requirements for the Bachelor of Science Degree in Athletic Training

1. The University requirements for Bachelor's degrees as described in the *Undergraduate Education* section of this catalog; 120 credits, including general elective credits, are required for the Bachelor of Science degree in Athletic Training. Students must take Mathematics 103 and 114 or Mathematics 116 to fulfill the mathematics requirement of the University.

Students who are enrolled in the Athletic Training major leading to the Bachelor in Science degree in the Department of Kinesiology may complete an alternative track to Integrative Studies in Biological and Physical Sciences that consists of the following courses: Chemistry 141 and 161, Physics 231 and 251, and Physiology 250. The completion of Chemistry 161, Physics 251, and Physiology 250 satisfies the laboratory requirement. Chemistry 141 and 161, Physics 231 and 251, and Physiology 250 may be counted toward both the alternative track and the requirements for the major referenced in item 2. a. below.

The University's Tier II writing requirement for the Athletic Training major is met by completing Kinesiology 445. That course is referenced in item 2. b. below.

2. The following requirements for the major:

- a. All of the following with a minimum grade of 2.0 in each course (17 credits):

CEM	141	General Chemistry	4
KIN	216	Applied Human Anatomy	3
MTH	103	College Algebra	3
PHY	231	Introductory Physics I	3
PSL	250	Introductory Physiology	4
- b. All of the following courses with a minimum grade-point average of

4. University grade-point average of 2.5 or above.

5. Interview with the Michigan State University Athletic Training Admissions Board.

6. Space availability in the formal clinical curriculum sites.

Requirements for the Bachelor of Science Degree in Athletic Training

1. The University requirements for Bachelor's degrees as described in the *Undergraduate Education* section of this catalog; 120 credits, including general elective credits, are required for the Bachelor of Science degree in Athletic Training. Students must take Mathematics 103 and 114 or Mathematics 116 to fulfill the mathematics requirement of the University.

Students ~~who are~~ enrolled in the Athletic Training major leading to the Bachelor in Science degree in the Department of Kinesiology may complete an alternative track to Integrative Studies in Biological and Physical Sciences that consists of the following courses: Chemistry 141 and 161, Physics 231 and 251, and Physiology 250. The completion of Chemistry 161, ~~and~~ Physics 251, ~~and~~ Physiology 250 satisfies the laboratory requirement. Chemistry 141 and 161, Physics 231 and 251, and Physiology 250 may be counted toward both the alternative track and the requirements for the major referenced in item 2. a. below.

The University's Tier II writing requirement for the Athletic Training major is met by completing Kinesiology ~~345~~. That course is referenced in item 2. b. below.

2. The following requirements for the major:

- a. All of the following with a minimum grade of 2.0 in each course (17 credits):

CEM	141	General Chemistry	4
KIN	216	Applied Human Anatomy	3
MTH	103	College Algebra	3
PHY	231	Introductory Physics I	3
PSL	250	Introductory Physiology	4
- b. All of the following courses with a minimum grade-point average of 2.0 (36 ~~39~~ credits):

KIN	121	The Healthy Lifestyle	3
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2.0 (36 credits):		KIN 125	First Aid and Personal Safety	3	KIN 125	First Aid and Personal Safety	3
KIN	121	The Healthy Lifestyle	3	KIN	126	Introduction to Athletic Training	3
KIN	125	First Aid and Personal Safety	3	KIN	127	Clinical Observation in Athletic Training	1
KIN	126	Introduction to Athletic Training	3	KIN 170	Foundations of Kinesiology	2	
KIN	127	Clinical Observation in Athletic Training	1	<u>KIN 173 Foundations of Kinesiology 3</u>			
KIN	170	Foundations of Kinesiology	2	KIN	217	Applied Human Anatomy Laboratory	1
KIN	217	Applied Human Anatomy Laboratory	1	KIN	227	Clinical Rotations in Athletic Training	2
KIN	227	Clinical Rotations in Athletic Training	2	KIN	250	Measurement in Kinesiology	3
KIN	260	Physical Growth and Motor Behavior	3	KIN 260	Physical Growth and Motor Behavior	3	
KIN	310	Physiological Bases of Physical Activity	3	KIN	310	Physiological Bases of Physical Activity	3
KIN	320	Pathology of Sports Injury	3	KIN	320	Pathology of Sports Injury	3
KIN	330	Structural and Mechanical Analysis of Physical Activity	3	KIN	330	Structural and Mechanical Analysis of Physical Activity	3
KIN	340	Psychological Bases of Physical Activity	3	KIN 340	Psychological Bases of Physical Activity	3	
KIN	445	Sociocultural Analysis of Physical Activity (W)	3	<u>KIN 345 Sport and Exercise Psychology (W) 3</u>			
KIN	465	Adapted Physical Activity	3	<u>KIN 360 Physical Growth and Motor Behavior 3</u>			
c. Both of the following courses (2 credits):		KIN	411	Laboratory Experiences in Exercise Physiology	2		
CEM	161	Chemistry Laboratory I	1	KIN 445	Sociocultural Analysis of Physical Activity (W)	3	
PHY	251	Introductory Physics Laboratory I	1	KIN	465	Adapted Physical Activity	3
d. All of the following courses (7 credits):		c. Both of the following courses (2 credits):		CEM	161	Chemistry Laboratory I	1
KIN	250	Measurement in Kinesiology	3	PHY	251	Introductory Physics Laboratory I	1
KIN	370	Proseminar in Kinesiology	2	d. All of the following courses (7 credits):			
KIN	411	Laboratory Experiences in Exercise Physiology	2	KIN	250	Measurement in Kinesiology	3
e. All of the following courses with a minimum grade-point average of 2.0 (22 credits):		e. All of the following courses with a minimum grade-point average of 2.0 (22 credits):		KIN	370	Proseminar in Kinesiology	2
HNF	150	Introduction to Human Nutrition	3	KIN	411	Laboratory Experiences in Exercise Physiology	2
KIN	421	Lower Body Injury Evaluation	3	d. All of the following courses (7 credits):			
KIN	422	Rehabilitation of Athletic Injuries	3	KIN	250	Measurement in Kinesiology	3
KIN	423	Therapeutic Modalities	3	KIN	370	Proseminar in Kinesiology	2
KIN	425	Organization and Administration of Athletic Training	3	KIN	411	Laboratory Experiences in Exercise Physiology	2
KIN	426	Upper Body Injury Evaluation	3	e. All of the following courses with a minimum grade-point average of 2.0 (22 credits):			
PSY	101	Introductory Psychology	4	HNF	150	Introduction to Human Nutrition	3

<p>KIN 425 Organization and Administration of Athletic Training 3</p> <p>KIN 426 Upper Body Injury Evaluation 3</p> <p>PSY 101 Introductory Psychology 4</p> <p>f. Successful completion of the final clinical rotation, with a minimum grade of 2.0 in the following (4 credits):</p> <p>KIN 427 Clinical Rotations in Athletic Training 4</p> <p>g. A candidate must meet a minimum clinical evaluation score as required by the program director based on performance in clinical rotation experiences and competency.</p> <p>h. Meet professional standards as designated by the department.</p>	<p>f. Successful completion of the final clinical rotation, with a minimum grade of 2.0 in the following (4 credits):</p> <p>KIN 427 Clinical Rotations in Athletic Training 4</p> <p>g. A candidate must meet a minimum clinical evaluation score as required by the program director based on performance in clinical rotation experiences and competency.</p> <p>h. Meet professional standards as designated by the department.</p>
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16. Are there admissions requirements for this program?:

Grade or grade-point average requirements and if so in which course(s), portfolio requirement, audition, essay, etc. If there are not admission requirements other than those required by the University policy indicate "none".

Admissions requirements for the program have not changed.

17. Type(s) of change(s):

AT majors: The KIN requirements for the AT majors changed adding one credit to the KIN requirements (KIN 173), dropping both KIN 445 (3cr), and KIN 370 (3cr) for the AT major. Part 2d. was moved into Part 2b. The number of KIN credits due to these changes increased from 36 to 39. Specific changes are identified in item #15.

18. Students who will be affected by the proposed changes:

AT majors will be affected by the changes.

19. Will the proposed change(s) have a negative impact on students? If so, which ones?:

Transfer students.

Describe impact and explain what accommodations will be made: Transfer students may be neg afftd 2 yrs, if crs taken elsewhere

20. Reason(s) for change(s):

In the interest of streamlining and offering choices within the curriculum, the Faculty of KIN agreed on the changes detailed in # 15 above, which affected the Athletic Training major.

DEPARTMENT LEVEL APPROVAL STATUS

Approved: Department of Kinesiology
11/16/2010 1:30:30 PM by Verna Lyon for Deborah Feltz, Chairperson

COLLEGE LEVEL APPROVAL STATUS

Approved: College of Education
11/16/2010 1:34:46 PM by Jodi Potter for Michael Sedlak, Associate Dean

ATHLETIC TRAINING

The major in athletic training prepares students to work with athletes, physicians, and coaches to ensure the health care and well-being of the competitive and recreational athlete. The Michigan State University athletic training major blends clinical and academic learning experiences. Students will gain knowledge and skills in evaluation and the treatment and rehabilitation of athletic injuries and will be prepared to organize and manage athletic training programs. The Michigan State University student majoring in athletic training is exposed to state-of-the-art philosophies, equipment, and research.

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Admission as a Junior

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1. Submission of the following: (a) an application to the major in athletic training; (b) an essay expressing reasons for selecting the field of athletic training; and (c) three letters of personal reference.
2. Completion of the following prerequisite courses with a grade-point average of 2.5 in these courses:

KIN 125 First Aid and Personal Safety	3
KIN 126 Introduction to Athletic Training	3
KIN 127 Clinical Observation in Athletic Training	1
KIN 227 Clinical Rotations in Athletic Training	2
KIN 320 Pathology of Sports Injury	3
3. A minimum grade of 2.00 in each of the following courses: Chemistry 141, Kinesiology 216, Mathematics 103, Physics and Astronomy 231, and Physiology 250.
4. University grade-point average of 2.5 or above.
5. Interview with the Michigan State University Athletic Training Admissions Board.
6. Space availability in the formal clinical curriculum sites.

Requirements for the Bachelor of Science Degree in Athletic Training

1. The University requirements for Bachelor's degrees as described in the *Undergraduate Education* section of this catalog; 120 credits, including general elective credits, are required for the Bachelor of Science degree in Athletic Training. Students must take Mathematics 103 and 114 or Mathematics 116 to fulfill the mathematics requirement of the University.

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courses: Chemistry 141 and 161, Physics 231 and 251, and Physiology 250. The completion of Chemistry 161, Physics 251 and Physiology 250 satisfies the laboratory requirement. Chemistry 141 and 161, Physics 231 and 251, and Physiology 250 may be counted toward both the alternative track and the requirements for the major referenced in item 2. a. below.

The University's Tier II writing requirement for the Athletic Training major is met by completing Kinesiology 445. That course is referenced in item 2. b. below.

		CREDITS
2. The following requirements for the major:		
a.	All of the following with a minimum grade of 2.0 in each course:	17
	CEM 141 General Chemistry	4
	KIN 216 Applied Human Anatomy	3
	MTH 103 College Algebra	3
	PHY 231 Introductory Physics I	3
	PSL 250 Introductory Physiology	4
b.	All of the following courses with a minimum grade-point average of 2.0:	30 39
	KIN 121 The Healthy Lifestyle	3
	KIN 125 First Aid and Personal Safety	3
	KIN 126 Introduction to Athletic Training	3
	KIN 127 Clinical Observation in Athletic Training	1
	KIN 170 Foundations of Kinesiology	2
	KIN 217 Applied Human Anatomy Laboratory	1
	KIN 227 Clinical Rotations in Athletic Training	2
	KIN 280 Physical Growth and Motor Behavior	3
	KIN 310 Physiological Bases of Physical Activity	3
	KIN 320 Pathology of Sports Injury	3
	KIN 330 Structural and Mechanical Analysis of Physical Activity	3
	KIN 340 Physiological Bases of Physical Activity	3
	KIN 445 Sociocultural Analysis of Physical Activity (W)	3
	KIN 465 Adapted Physical Activity	3
c.	Both of the following courses:	2
	CEM 161 Chemistry Laboratory I	1
	PHY 251 Introductory Physics Laboratory I	1
d.	All of the following courses:	7
	KIN 250 Measurement in Kinesiology	3
	KIN 370 Proseminar in Kinesiology	2
	KIN 411 Laboratory Experiences in Exercise Physiology	2
d.	All of the following courses with a minimum grade-point average of 2.0:	22
	HNF 150 Introduction to Human Nutrition	3
	KIN 421 Lower Body Injury Evaluation	3
	KIN 422 Rehabilitation of Athletic Injuries	3
	KIN 423 Therapeutic Modalities	3
	KIN 425 Organization and Administration of Athletic Training	3
	KIN 426 Upper Body Injury Evaluation	3
	PSY 101 Introductory Psychology	4
e.	Successful completion of the final clinical rotation, with a minimum grade of 2.0 in the following:	4
	KIN 427 Clinical Rotations in Athletic Training	4
f.	A candidate must meet a minimum clinical evaluation score as required by the program director based on performance in clinical rotation experiences and competency.	
g.	Meet professional standards as designated by the department.	

Insert ①

KIN	345	Sport and Exercise Psychology (W)	3
KIN	360	Physical Growth and Motor Behavior	3
KIN	411	Laboratory Experiences in Exercise Physiology	2