

Special Consideration Item:

Graduate Council approved the College of Science request for discontinuation of the Graduate Degree Programs in Zoology and Botany to be discontinued and officially removed from the Texas A&M University Degree Inventory as of September 1, 2013.

school



November 23, 2010

TO: Dr. Karan L. Watson, Interim Provost and Executive Vice President for
Academics Affairs

THROUGH: Dr. Robert Strawser, Speaker, Faculty Senate

THROUGH: Dr. David W. Reed, Chair, University Graduate Council

THROUGH: Dr. H. Joseph Newton, Dean, College of Science

THROUGH: Dr. Mark J. Zoran, Chair, Graduate Instruction Committee, College of Science

FROM: *TJM for* Dr. U. J. McMahan, Head, Department of Biology

David W. Reed
[Signature]

RE: Discontinuation of the Graduate Degrees in Zoology and Botany

The Department of Biology requests that the Graduate Degree (MS and PhD) Programs in Zoology and Botany be discontinued and officially removed from Texas A&M University Degree Inventory as of September 1, 2013. These degree programs have been underperforming in recent years and are no longer attractive majors with regard to graduate recruiting.

We are no longer admitting students into these programs and only a few students are currently enrolled, with expected graduate dates in the next year or two.

Please feel free to contact me with any questions or concerns. You may reach me at 979-845-2301.

517 Blocker Building
3257 TAMU
College Station, TX 77843-3257

Tel. 979.845.7361 Fax. 979.845.6077
www.science.tamu.edu



Special Consideration Item

Graduate Council approved the College of Education and Human Development request to approve the revised Athletic Training Master's Degree.

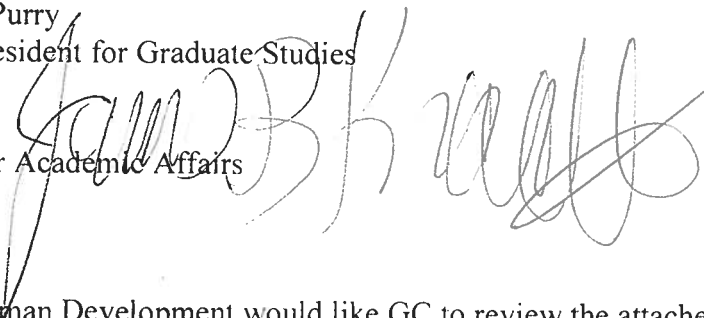
January 28, 2011

MEMORANDUM

TO: Dr. Karen Butler-Purry
Associate Vice President for Graduate Studies

FROM: James B. Kracht
Associate Dean for Academic Affairs

SUBJECT: GC Agenda Item



The College of Education and Human Development would like GC to review the attached request for the revised Athletic Training Master's Degree. This program was previously approved by the committee. However the department has since hired a director for this program, she felt the program needed to be revised in order to add course content and so it could meet national accreditation guidelines and be more consistent with the other programs in the state (both about 56 hours). Please let me know if you have any questions or concerns.

Approval
recommended
by Graduate
Council 3/3/11
David W. Reed
Chair

COLLEGE OF EDUCATION
AND HUMAN DEVELOPMENT

Department of Health and Kinesiology

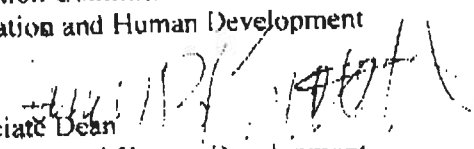


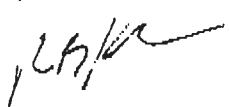
CORRECTED COPY

MEMORANDUM

January 27, 2011

To: Graduate Instruction Committee
College of Education and Human Development

Through: James B. Kracht 
Executive Associate Dean
College of Education and Human Development

From: Richard Kreider 
Professor and Head
Department of Health and Kinesiology

RE: Revised Athletic Training Master's Degree

Please see attached the revised Master of Science degree in Athletic Training. This program was approved through the university and slated to be reviewed and acted upon by the Regents. However, we have since hired a director for this program, Dr. Lori Greenwood, and she felt the program needed to be revised in order to add course content so it could meet national accreditation guidelines and be more consistent with the other programs in the state (both about 56 hours). Therefore, we decided to pull the program from the Regent agenda and revise. The program has now been re-approved by the Kinesiology Division and our Graduate faculty. I obviously also approve the program. I have attached an updated proposal, OGS form, and budget.

Please forward the proposal to the appropriate CEHD committee for review. Of course, we would like to get this to the Faculty Senate as soon as possible so your assistance in facilitating re-approval of this program will be greatly appreciated. Please contact me should any questions arise. I can be reached by email at rkreider@hkn.tamu.edu or by phone (979) 845-1333.

MEMORANDUM

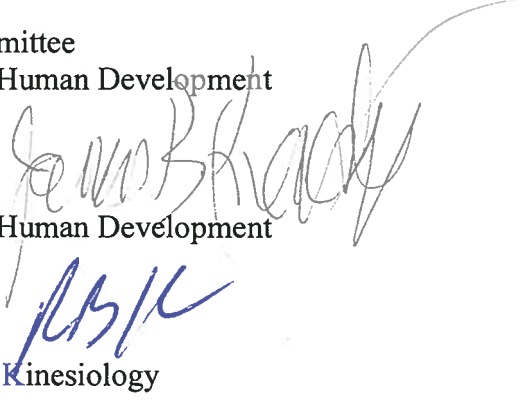
January 27, 2011

To: Graduate Instruction Committee
College of Education and Human Development

Through: James B. Kracht
Executive Associate Dean
College of Education and Human Development

From: Richard Kreider
Professor and Head
Department of Health and Kinesiology

RE: Revised Athletic Training Master's Degree



Please see attached the revised Master of Science degree in Athletic Training. This program was approved through the university and slated to be reviewed and acted upon by the Regents. However, we have since hired a director for this program, Dr. Lori Greenwood, and she felt the program needed to be revised in order to add course content so it could meet national accreditation guidelines and be more consistent with the other programs in the state (both about 56 hours). Therefore, we decided to pull the program from the Regent agenda and revise. The program has not been re-approved by the Kinesiology Division and our Graduate faculty. I obviously also approve the program. I have attached an updated proposal, OGS form, and budget.

Please forward the proposal to the appropriate CEHD committee for review. Of course, we would like to get this to the Faculty Senate as soon as possible so your assistance in facilitating re-approval of this program will be greatly appreciated. Please contact me should any questions arise. I can be reached by email at rkreider@hlkn.tamu.edu or by phone (979) 845-1333.



New Program Request Form for Bachelor's and Master's Degrees

Directions: An institution shall use this form to propose a new bachelor's or master's degree program. In completing the form, the institution should refer to the document *Standards for Bachelor's and Master's Programs*, which prescribes specific requirements for new degree programs. Note: This form requires signatures of (1) the Chief Executive Officer, certifying adequacy of funding for the new program; (2) a member of the Board of Regents (or designee), certifying Board approval, and (3) if applicable, a member of the Board of Regents or (designee), certifying that criteria have been met for staff-level approval. NOTE: Preliminary authority is required for all engineering programs. An institution that does not have preliminary authority for a proposed engineering program shall submit a separate request for preliminary authority prior to submitting the degree program request form. That request shall address criteria set in Coordinating Board rules Section 5.24 (a).

Information: Contact the Division of Academic Affairs and Research at 512/427-6200 for more information.

Administrative Information

1. **Institution**: Texas A&M University

2. **Program Name** – Show how the program would appear on the Coordinating Board's program inventory (e.g., *Bachelor of Business Administration degree with a major in Accounting*): Master of Science in Athletic Training

3. **Proposed CIP Code**: 51.0913.0002

4. **Brief Program Description** – Describe the program and the educational objectives:

All certified athletic trainers must receive a degree from an accredited college or university. The Commission on Accreditation of Athletic Training Education (CAATE) accredits the academic programs by developing, maintaining, and promoting appropriate minimum standards of quality of entry-level Athletic Training educational programs. The proposed Masters of Science in Athletic Training (Non-Thesis) is designed to meet CAATE standards, which will allow our graduates to achieve certification as an athletic trainer (A.T.C.) by the Board of Certification (BOC).

5. **Administrative Unit** – Identify where the program would fit within the organizational structure of the university (e.g., *The Department of Electrical Engineering within the College of Engineering*):

Department of Health & Kinesiology - College of Education & Human Development

6. **Proposed Implementation Date** – Report the first semester and year that students would enter the program: Summer 2011

7. **Contact Person** – Provide contact information for the person who can answer specific questions about the program:

Name: Richard Kreider

Title: Department Head of Health and Kinesiology

E-mail: rkreider@hlkn.tamu.edu

Phone: 979-845-1333

Program Information

I. Need

Note: Complete I.A and I.B only if preliminary authority for the program was granted more than four years ago. This includes programs for which the institution was granted broad preliminary authority for the discipline.

- A. **Job Market Need** – The job market for athletic trainers is very good. Athletic trainers work in a variety of health care delivery systems including secondary schools, colleges and universities, professional sports programs, sports medicine clinics, corporate/industrial, and other health care settings. A job search in February of 2010 on the National Athletic Trainers' Association's (NATA) Career Center showed a listing of 219 jobs. Previous searches during peak hiring times (May/June) would have over 500 listings. There appears to be greater opportunities for athletic trainers with a Masters Degree.
- B. **Student Demand** – There are currently only 2 accredited entry-level masters programs in Texas (Stephen F. Austin and Texas Tech University). According to the directors of these respective programs, they are unable to accept all the qualified applicants to their programs. Two specific groups of people will benefit from this program. One group consists of licensed athletic trainers in the State of Texas who would like to achieve certification. The added benefit for these individuals would be attainment of a master's degree. Several of our student athletic trainers who were A&M graduates have continued their education at Stephen F. Austin University for these reasons. According to the NATA, 70% of credential holders nationally have a master's degree. A second group that would benefit would be those who have already graduated with non athletic training majors but have now decided they would like to become an athletic trainer. These individuals would be able to achieve their goal of becoming an athletic trainer by completing this program. Stephen F. Austin University reports approximately a 50/50 split between these two groups.
- C. **Enrollment Projections** – Use this table to show the estimated cumulative headcount and full-time student equivalent (FTSE) enrollment for the first five years of the program. *(Include majors only and consider attrition and graduation.)*. Note: Students will take 31 hours in year one and 29 hours in year two of the program. FTSE calculated by dividing hours take by 24.

YEAR	1	2	3	4	5
Headcount	7	22	30	30	30
FTSE	9	32	37.5	37.5	37.5

II. Quality

- A. Degree Requirements – Use this table to show the degree requirements of the program.

Category	Semester Credit Hours	Clock Hours
General Education Core Curriculum (<i>master's degree only</i>)	7	5,250 min (87.5 hrs)
Required Courses (11 lecture, 5 labs, 6 lecture/labs)	53	40,500 min (675 hrs)
Field-Based Experience for Clinical Education Classes listed above (6)		63,000 min (1,050 hrs)
TOTAL	60	45,750 min (762.5 hrs)

- B. Curriculum – Use these tables to identify the required courses and prescribed electives of the program. Note with an asterisk (*) courses that would be added if the program is approved.

Prefix and Number	Required Courses	SCH
KINE 601	Reading Research (Research Methods)	3
KINE 690S	Theory of Kinesiology (Statistics)	3
KINE 681	Seminar	1
ATTR 660*	Prevention and Care of Injuries	3
ATTR 661*	Prevention and Care of Injuries Lab	1
ATTR 662*	Clinical Examination and Diagnosis-Lower Extremity	3
ATTR 663*	Clinical Examination and Diagnosis-Lower Extremity Lab	1
ATTR 664*	Clinical Examination and Diagnosis-Upper Extremity	3
ATTR 665*	Clinical Examination and Diagnosis-Upper Extremity Lab	1
ATTR 666*	Physical Rehabilitation	3
ATTR 667*	Physical Rehabilitation Lab	1
ATTR 668*	Therapeutic Modalities	3
ATTR 669*	Therapeutic Modalities Lab	1
ATTR 670*	General Medical Conditions and Therapeutic Medication	3
ATTR 671*	Organization and Administration in Athletic Training	3
ATTR 672*	Professional Preparation and Issues in Athletic Training	3
ATTR 681*	Clinical Education I	2
ATTR 682*	Clinical Education II	3
ATTR 683*	Clinical Education III	3
ATTR 684*	Clinical Education IV	2
ATTR 685*	Clinical Education V	3
ATTR 686*	Clinical Education VI	3
KINE 628	Nutrition in Sports and Exercise	3
KINE 629	Physiology of Strength and Conditioning	3
KINE 685	Directed Studies	2

- C. Faculty – Use these tables to provide information about Core and Support faculty. Add an asterisk (*) before the name of the individual who will have direct administrative responsibilities for the program.

New Program Request Form for
 Bachelor's and Master's Degrees
 Page 4

Name of <u>Core</u> Faculty and Faculty Rank	Highest Degree and Awarding Institution	Courses Assigned in Program	% Time Assigned To Program
*New Faculty in Year 2011 Lori Greenwood Clinical Professor	Ph.D. in Education, Oregon State University	KINE 681, ATTR 660, ATTR 661, ATTR 666, ATTR 667, ATTR 668, ATTR 669, ATTR 672, ATTR 686, KINE 685 Directed Studies	100%
New Faculty in Year 2012 Asst./Assoc. Clinical Professor	Ph.D., A.T.C., L.A.T., Associate Graduate Faculty Status Qualified	ATTR 662, ATTR 663, ATTR 664, ATTR 665, ATTR 671, ATTR 681, ATTR 682, ATTR 683, ATTR 684, KINE 685	100%
Michael Massett Assistant Professor	Ph.D. in Exercise Science, University of Iowa	KINE 601	
Charles Shea Professor	Ph.D. in Educational Research and Evaluation, Virginia Polytechnic Institute and State University	KINE 690S	
Richard Kreider Professor and Head	Ph. D. in Exercise Physiology, University of Southern Mississippi	KINE 628	
Steven E. Riechman Assistant Professor	Ph.D. in Exercise Physiology, University of Pittsburgh	KINE 629	
Staff Athletic Trainer (TBA)	TBA	ATTR 685	
Physician (TBA)	TBA	ATTR 670	

Name of <u>Support</u> Faculty and Faculty Rank	Highest Degree and Awarding Institution	Courses Assigned in Program	% Time Assigned To Program
JP Bramhall	M.D., Texas A&M University	ATEP Medical Director	
Josh Cohen	M.Ed, A.T.C, L.A.T., University of Nebraska	Clinical Instructor	
Matt Doles	M.S., A.T.C., L.A.T. University of New Mexico	Clinical Instructor	
Karl Kapchinski	B.S., A.T.C., L.A.T. Texas A&M University	Clinical Instructor	
Matthew Kee	D.P.T, A.T.C, L.A.T. Arizona School of Health Sciences	Clinical Instructor	
Stephanie Kee	M.Ed., A.T.C., L.A.T. Arizona State University	Clinical Instructor	
Danny Kniffin	M.Ed, A.T.C., L.A.T. University of Texas	Clinical Instructor	
Saul Luna	A.T.C., L.A.T. Texas A&M University	Clinical Instructor	
Jay Martin	M.A., A.T.C. L.A.T. Western Michigan	Clinical Instructor	
David Weir	B.S., A.T.C., L.A.T. Texas A&M Univeristy	Clinical Instructor	

- D. **Students** – Describe general recruitment efforts and admission requirements. In accordance with the institution's Uniform Recruitment and Retention Strategy, describe plans to recruit, retain, and graduate students from underrepresented groups for the program.

Admission to study for a master's degree is based on:

- The applicant's academic record - including an undergraduate grade point ratio (GPR) in the last 60 semester hours
- Graduate Record Examination (GRE) scores
- Relevant experience
- Foreign students whose native language is not English must have a score of at least 550 paper-based, 213 computer-based, or 80 internet based (iBT) on the Test of English as a Foreign Language (TOEFL) examination.

Students will be recruited from historically Black and Hispanic Colleges and Universities, list servers, organizations, graduate fairs, etc.

- E. **Library** – Provide the library director's assessment of library resources necessary for the program. Describe plans to build the library holdings to support the program.

There would not be any need for additional library holdings to support this program.

- F. **Facilities and Equipment** – Describe the availability and adequacy of facilities and equipment to support the program. Describe plans for facility and equipment improvements/additions.

Classroom facilities will be housed within the Department of Health and Kinesiology located in the Read Building and G. Rollie White. Additional clinical facilities will be utilized in the Athletics Department. These facilities include athletic training rooms at the Bright Building and the West Campus Athletic Training Room. These athletic training rooms are fully equipped and will not need any improvements.

- G. **Accreditation** – If the discipline has a national accrediting body, describe plans to obtain accreditation or provide a rationale for not pursuing accreditation.

We will be pursuing accreditation with the Commission on Accreditation of Athletic Training Education (CAATE). This agency is responsible for the accreditation of 360 professional (entry-level) Athletic Training educational programs. The American Academy of Family Physicians (AAFP), The American Academy of Pediatrics (AAP), the American Orthopaedic Society for Sports Medicine (AOSSM), and the National Athletic Trainers' Association, Inc. (NATA), cooperate to sponsor the CAATE and to collaboratively develop the Standards for Entry-Level Athletic Training

Educational Programs. The process for accreditation includes an application, comprehensive self-study report, and site visit by CAATE. The site visit will commence once all classes have been or are being taught and all clinical components have been implemented. A copy of the Standards for the Accreditation of Entry-Level Athletic Training Education Programs can be found at: <http://caate.net/documents/Standards.6.30.08.pdf>

- H. **Evaluation** – Describe the evaluation process that will be used to assess the quality and effectiveness of the new degree program.

CAATE requires annual reports that are designed to document compliance with the standards set forth by CAATE. Part of these reports will be qualitative and quantitative data to determine the outcomes and effectiveness of the program. In addition, initial accreditation through CAATE will last for a maximum of 5 years at which time the program will go through a complete review.

III. Costs and Funding

Five-Year Costs and Funding Sources - Use this table to show five-year costs and sources of funding for the program.

Five-Year Costs		Five-Year Funding	
Personnel ¹	\$742,475	Reallocated Funds	\$836,075
Facilities and Equipment	\$0	Anticipated New Formula Funding ³	\$912,808
Library, Supplies, and Materials	\$0	Special Item Funding	\$0
Other ²	\$93,600	Other ⁴	\$0
Total Costs	\$836,075	Total Funding	\$1,748,883

1. Report costs for new faculty hires, graduate assistants, and technical support personnel. For new faculty, prorate individual salaries as a percentage of the time assigned to the program. If existing faculty will contribute to program, include costs necessary to maintain existing programs (e.g., cost of adjunct to cover courses previously taught by faculty who would teach in new program).
2. Specify other costs here (e.g., administrative costs, travel).
3. Indicate formula funding for students new to the institution because of the program; formula funding should be included only for years three through five of the program and should reflect enrollment projections for years three through five.
4. Report other sources of funding here. In-hand grants, "likely" future grants, and designated tuition and fees can be included.

Signature Page

1. Adequacy of Funding – The chief executive officer shall sign the following statement:

I certify that the institution has adequate funds to cover the costs of the new program. Furthermore, the new program will not reduce the effectiveness or quality of existing programs at the institution.

Chief Executive Officer

Date

2. Board of Regents or Designee Approval – A member of the Board of Regents or designee shall sign the following statement:

On behalf of the Board of Regents, I approve the program.

Board of Regents (Designee)

Date of Approval

3. Board of Regents Certification of Criteria for Commissioner of Assistant Commissioner Approval – For a program to be approved by the Commissioner or the Assistant Commissioner for Academic Affairs and Research, the Board of Regents or designee must certify that the new program meets the eight criteria under TAC Section 5.50 (b): The criteria stipulate that the program shall:

- (1) be within the institution's current Table of Programs;
- (2) have a curriculum, faculty, resources, support services, and other components of a degree program that are comparable to those of high quality programs in the same or similar disciplines at other institutions;
- (3) have sufficient clinical or in-service sites, if applicable, to support the program;
- (4) be consistent with the standards of the Commission of Colleges of the Southern Association of Colleges and Schools and, if applicable, with the standards or discipline-specific accrediting agencies and licensing agencies;
- (5) attract students on a long-term basis and produce graduates who would have opportunities for employment; or the program is appropriate for the development of a well-rounded array of basic baccalaureate degree programs at the institution;
- (6) not unnecessarily duplicate existing programs at other institutions;
- (7) not be dependent on future Special Item funding
- (8) have new five-year costs that would not exceed \$2 million.

On behalf of the Board of Regents, I certify that the new program meets the criteria specified under TAC Section 5.50 (b).

Board of Regents (Designee)

Date

Funding Requirements for Masters of Athletic Training Years 1-5

	CEHD/ HLKN	Athletics	Provost	Tuition Return†	Total
Year 1--FY11					
Faculty Search Director	5,000				5,000
Clinical Professor/Director P/T		15,000			15,000
Benefits P/T Director *		1,200			1,200
Clinical Professor/Director F/T 05/16/2011		31,111			31,111
Benefits F/T Director *		8,089			8,089
Director Startup	30,000				30,000
Clinical Asst Professor Search					-
Program Accreditation		5,000			5,000
Program Expenses		4,600			4,600
Year 1 Total	35,000	65,000	-		100,000
Year 2--FY12					
Clinical Professor/Director (9 month Appt)	15,000	65,000			80,000
Assistant Clinical Professor Search	3,000				3,000
Clinical Asst. Professor (8 month Appt)	45,333				45,333
Adjunct Faculty & Summer Teaching	12,000				12,000
Startup for Asst. Clinical Professor	12,000				12,000
Benefits *		16,900			16,900
Site Visits & Other Program Expenses	6,000				6,000
Total Year 2 Expenses	93,333	81,900	-		175,233
Subvention Funding: (7) Year 1 Students 3 semesters 33 hours total/stu; (15) Year 1 2nd summer session 6 hours total/stu			(115,723)	(61,814)	(177,537)
Year 2 Net Expenses	93,333	81,900	(115,723)	(61,814)	(2,304)
Year 3--FY13					
Clinical Professor/Director (9 mo Appt)	17,400	65,000			82,400
Clinical Assistant Professor (9 mo Appt)	51,000				51,000
Adjunct Faculty and Summer Teaching	22,000				22,000
Benefits *		16,900			16,900
Site Visits and Other Program Expenses	8,000				8,000
Total Year 3 Expenses	98,400	81,900	-		180,300
Subvention funding: (7) 2nd Year Students @ 21 hours total/stu; (15) Year 1 students @ 33 hours total/stu; (15) Year 1 students @ 6 hours total/stu			(263,892)	(140,959)	(404,851)
Year 3 Net Expenses	98,400	81,900	(263,892)	(140,959)	(224,551)
Year 4--FY14					
Clinical Professor/Director (9 mo. Appt)	19,872	65,000			84,872
Clinical Assistant Professor	52,530				52,530
Adjunct Faculty and Summer Teaching	24,000				24,000
Benefits*		16,900			16,900
Site Visits and Other Program Expenses	10,000				10,000
Total Year 4 Expenses	106,402	81,900	-		188,302
Subvention funding: (15) 2nd Year Students @ 21 hours total/stu; (15) Year 1 students @ 33 hours total/stu; (15) Year 1 students @ 6 hours total/stu			(324,458)	(173,311)	(497,769)
Year 4 Net Expenses	106,402	81,900	(324,458)	(173,311)	(309,467)
Year 5--FY15					
Clinical Professor/Director (9 mo Appt)	22,419	65,000			87,419
Clinical Asst. Professor (9 mo Appt)	53,921				53,921
Adjunct Faculty and Summer Teaching	24,000				24,000
Benefits *		16,900			16,900
Site Visits and Other Program Expenses	10,000				10,000
Total Year 5 Expenses	110,340	81,900	-		192,240
Subvention funding: (15) 2nd Year Students @ 21 hours total/stu; (15) Year 1 students @ 33 hours total/stu; (15) Year 1 students @ 6 hours total/stu			(324,458)	(173,311)	(497,769)
Year 5 Net Expenses	110,340	81,900	(324,458)	(173,311)	(305,529)

* Benefit Expenses for salaries projected from State Funding were omitted. If State funding is not available, an additional 26% in addition to the stated salary amount will be required to fund the faculty positions.

**Subvention funding calculation was calculated using the weighted semester credit hour (WSCH). THECB weighting factor for a masters level course in athletic training health services (51.0913.0014) is 6.47. The value of a SCH is \$55.72.

† Assumes 85% Return on Resident tuition at \$226.55 SCH

Athletic Training Master of Science Degree Program Proposal



From the

Department of Health & Kinesiology

College of Education and Human Development

Department of Health & Kinesiology
158 Read Building
Texas A&M University
College Station, TX 77843-4243
Phone: 979/845-1333
Fax: 979/847-8987

January 6, 2011

Executive Summary

We propose to add a Master of Science degree program in athletic training within the Department of Health and Kinesiology at Texas A&M University. This program will meet the standards of the Commission on Accreditation of Athletic Training Education (CAATE) the accrediting organization for athletic training education. This program will provide students an opportunity to obtain a Master of Science degree in athletic training and achieve certification as an athletic trainer by the Board of Certification. Since there are only 15 programs of its kind nationally and two in the state, this program will allow the Department of Health & Kinesiology to become a state and national leader in preparing masters level athletic trainers. It will also provide needed support to the sports medicine programs within the Department of Athletics at Texas A&M University. This program has been endorsed by the Department of Health & Kinesiology, College of Education and Human Development, Department of Athletics, and the Huffines Institute for Sports Medicine and Human Performance.

Rationale

All certified athletic trainers must receive a degree from an accredited college or university. The Commission on Accreditation of Athletic Training Education (CAATE) accredits the academic programs by developing, maintaining, and promoting appropriate minimum standards of quality of entry-level Athletic Training educational programs. The proposed Master of Science degree in Athletic Training is designed to meet the CAATE standards, which would allow our graduates to achieve certification as an athletic trainer (ATC) by the Board of Certification (BOC).

Currently, undergraduate students enrolled at Texas A&M University are only able to achieve state licensure as an athletic trainer (L.A.T.) which allows them to work only in the state of Texas. Should they desire to work outside the state of Texas, they would be required to attend a CAATE accredited program to obtain their athletic training certification. Many of our current undergraduate students go on to other masters programs to obtain certification. Unfortunately, there are limited opportunities to do so as there are currently only 15 accredited entry-level masters' degree programs across the nation. Two of these programs are in Texas (Stephen F. Austin University and Texas Tech University). These Universities are unable to accommodate the numbers of students applying to their programs. Stephen F. Austin University averages 15 applicants per year of which they admit 10. Texas Tech University has a similar sized program.

Several groups of individuals would benefit from development of this program. One group would be licensed athletic trainers in the state of Texas (LAT) who would like to become BOC certified athletic trainers (ATC) so they can work as athletic trainers outside the State of Texas. We have had several of our student athletic trainers continue their education at Stephen F. Austin University for this reason. The added benefit to our program would be the addition of a Master of Science degree. According to the National Athletic Trainers Association (NATA), 70 percent of credential holders have a master's degree. A second group that would benefit would be those who already hold a baccalaureate degree in other program areas (e.g., exercise science, kinesiology, etc.) but have decided they would like to become a certified athletic trainer. These individuals would be able to achieve their goal of becoming a certified athletic trainer by completing this program. Stephen F. Austin University reports approximately a 50/50 split in admitted students between these two groups.

The job market for athletic trainers is very good. Athletic trainers work in a variety of health care delivery systems including secondary schools, colleges and universities, professional sports programs, sports medicine clinics, corporate/industrial, and other health care settings. A recent look at the NATA career center had a total of 528 job listings of which 126 were at a College/University setting.

Proposed General Graduate Admission Requirements

Students wishing to pursue a Master of Science degree in Athletic Training must apply and meet all general requirements for admission to the Graduate School of Texas A&M University. Qualified students will be admitted regardless of race color, national or ethnic origin, gender, age or disability. The applicant's packet will be considered complete when all application materials have been received.

Proposed Department Admission Requirements

The following are the specific requirements from the Department of Health & Kinesiology for admission to the Master of Science degree with a specialization in Athletic Training:

- The applicant's academic record including an undergraduate grade point ratio (GPR) in the last 60 semester hours
- Graduate Record Examination (GRE) scores
- Relevant experience
- Foreign students whose native language is not English must have a score of at least 550 paper-based, 213 computer-based, or 79-80 on the Internet-based Test of English as a Foreign Language (TOEFL) examination.
- The student must have completed the list of undergraduate prerequisites for the program or their equivalent approved by the program director.

Period of Study

The program will be equivalent to two full academic years of study (fall, spring and summer semesters) that includes 60 hours of graduate coursework beyond the bachelor's degree.

Once the approval has been obtained for the master's degree in athletic training, we will also consider developing a 3+2 program in order for current students at Texas A&M to complete a bachelor's degree in a related discipline and obtain a master's degree in athletic training in 5 years. There are several CAATE accredited entry-level master's programs that have this as an option in their programs such as the [University of Findlay](#) and [Long Island University](#). Developing this program option can help to recruit undergraduates to the university that are interested in pursuing athletic training as a career.

Departmental Supervision

The student will be assigned to an appropriate faculty member to serve as advisor by the Graduate Athletic Training Program Director after the first semester.

Final Examination

A final oral comprehensive examination will be held during the last semester of the student's program. A final examination committee will be chaired by the student's advisor. In addition to the HLKN committee chair, the committee will be comprised of two other graduate faculty members (one member from the program and one member outside the department). The student must pass the oral final examination in order to graduate. If the student fails the exam, a second and final oral examination will be given no sooner than four months after taking the first exam.

Program Development

This program has been developed following CAATE standards for accreditation of entry-level athletic training education programs. Multiple programs that are currently CAATE accredited have been reviewed and their curriculums have been used as a guide. These programs include [University of North Carolina at Greensboro](#), [Stephen F. Austin University](#), and the [University of Tennessee at Chattanooga](#). Additional information about CAATE can be found at: <http://www.caate.net/>.

Proposed Curriculum for the M.S. degree in Athletic Training (non-thesis)

Courses **Credit Hours**

Required Research Core (7 hours):

KINE 601	Reading Research (Research Methods)	3
KINE 690S	Theory of Kinesiology (Statistics)	3
KINE 681	Seminar	1

Required Athletic Training Core (53 hours):

*ATTR courses are new course proposals

ATTR 660	Prevention and Care of Injuries	3
ATTR 661	Prevention and Care of Injuries Lab	1
ATTR 662	Clinical Examination and Diagnosis-Lower Extremity	3
ATTR 663	Clinical Examination and Diagnosis-Lower Extremity Lab	1
ATTR 664	Clinical Examination and Diagnosis-Upper Extremity	3
ATTR 665	Clinical Examination and Diagnosis-Upper Extremity Lab	1
ATTR 666	Physical Rehabilitation	3
ATTR 667	Physical Rehabilitation Lab	1
ATTR 668	Therapeutic Modalities	3
ATTR 669	Therapeutic Modalities Lab	1
ATTR 670	General Medical Conditions and Therapeutic Medication	3
ATTR 671	Organization and Administration in Athletic Training	3
ATTR 672	Professional Preparation and Issues in Athletic Training	3
ATTR 681	Clinical Education I	2
ATTR 682	Clinical Education II	3
ATTR 683	Clinical Education III	3
ATTR 684	Clinical Education IV	2
ATTR 685	Clinical Education V	3
ATTR 686	Clinical Education VI	3
KINE 628	Nutrition in Sports and Exercise	3
KINE 629	Physiology of Strength and Conditioning	3
KINE 685	Directed Studies	2

Prerequisites:

Required Prerequisites:

Human Anatomy (BIOL 319/320)

Human Physiology (BIOL 319/320)

Physiology of Exercise (KINE 433)

Analysis of Movement (KINE 426)

Basic Health (HLTH 231)

Introduction to Psychology (PSYC 107) or Psychology of Sport and Physical Activity (KINE 304)

Suggested Prerequisites:

Chemistry

Physics

Course Descriptions

- ATTR 660 Prevention and Care of Injuries. 3 credits**
Prevention strategies and procedures, recognition and care of common injuries and conditions. Foundational concepts and principles of the athletic training profession are included. Prerequisite: Graduate Athletic Training Student.
- ATTR 661 Lab for Prevention and Care of Injuries. 1 credit**
Laboratory to accompany “Prevention and Care of Injuries” in which students will apply theories and practice skills.
- ATTR 662 Clinical Examination and Diagnosis-Lower Extremity. 3 credits**
Pathomechanics, clinical examination, diagnosis and appropriate medical referral of orthopedic injuries and other conditions to the lower extremity and spine. Prerequisite: Graduate Athletic Training Student.
- ATTR 663 Clinical Examination and Diagnosis Lab -Lower Extremity. 1 credit**
Laboratory to accompany “Clinical Examination and Diagnosis-Lower Extremity” in which students will apply theories and practice skills.
- ATTR 664 Clinical Examination and Diagnosis-Upper Extremity. 3 credits**
Pathomechanics, clinical examination, diagnosis and appropriate medical referral of orthopedic injuries and other conditions to the upper extremity, head and cervical spine. Prerequisite: ATTR 662.
- ATTR 665 Clinical Examination and Diagnosis Lab -Upper Extremity. 1 credit**
Laboratory to accompany “Clinical Examination and Diagnosis-Upper Extremity” in which students will apply theories and practice skills.
- ATTR 666 Physical Rehabilitation. 3 credits**
The study of physical rehabilitation theory and techniques used as a therapeutic intervention for orthopedic injuries and conditions. Prerequisite: Graduate Athletic Training Student.
- ATTR 667 Physical Rehabilitation Lab. 1 credit**
Laboratory to accompany “Physical Rehabilitation” in which students will apply theories and practice skills.
- ATTR 668 Therapeutic Modalities. 3 credits**
A detailed study of modern therapeutic devices used in the treatment and rehabilitation of orthopedic injuries and conditions. Prerequisite: Graduate Athletic Training Student.
- ATTR 669 Therapeutic Modalities Lab. 1 credit**
Laboratory to accompany “Therapeutic Modalities” in which students will apply theories and practice skills.
- ATTR 670 General Medical Conditions and Therapeutic Medication. 3 credits**
Pathophysiology, assessment, and appropriate intervention and referral for general medical conditions and disabilities. Common diagnostic tests and imaging assessment tools are included in addition to the study of commonly used therapeutic medications. Prerequisite: Graduate Athletic Training Student.
- ATTR 671 Organization and Administration in Athletic Training. 3 credits**
Organization and administration of athletic training services including financial, human resources, facility, information technology and risk management.

- ATTR 672 Professional Preparation and Issues in Athletic Training. 3 credits**
Knowledge and skills for successful pursuit of athletic training credentials, employment and continuing professional competencies. Emphasis will be placed on current topics and issues that will contribute to the professional preparation of athletic training students. Prerequisite: Graduate Athletic Training Student.
- ATTR 681 Clinical Education I. 2 credits**
Integration of clinical competencies with classroom instruction and a supervised field based experience in athletic training to link theory into practice. Prerequisite: Graduate Athletic Training Student.
- ATTR 682 Clinical Education II. 3 credits**
Integration of clinical competencies with classroom instruction and a supervised field based experience in athletic training to link theory into practice. Prerequisite: Graduate Athletic Training Student.
- ATTR 683 Clinical Education III. 3 credits**
Integration of clinical competencies with classroom instruction and a supervised field based experience in athletic training to link theory into practice. Prerequisite: Graduate Athletic Training Student.
- ATTR 684 Clinical Education IV. 2 credits**
Integration of clinical competencies with classroom instruction and a supervised field based experience in athletic training to link theory into practice. Prerequisite: Graduate Athletic Training Student.
- ATTR 685 Clinical Education V. 3 credits**
Integration of clinical competencies with classroom instruction and a supervised field based experience in athletic training to link theory into practice. Prerequisite: Graduate Athletic Training Student.
- ATTR 686 Clinical Education VI. 3 credits**
Integration of clinical competencies with classroom instruction and a supervised field based experience in athletic training to link theory into practice. Prerequisite: Graduate Athletic Training Student.
- KINE 628 Nutrition in Sports and Exercise. 3 credits**
Interaction between nutrition, exercise, and athletic performance: including: biomechanical and physiological aspects of nutrition and exercise; nutrition for training and competition; exercise and oxidant stress; nutritional supplements and ergogenic acids; and, nutritional aspects of body composition and weight control.
- KINE 629 Physiology of Strength and Conditioning. 3 credits**
Physiological, bio-mechanical, and metabolic aspects of muscular strength and conditioning programs for various athletic and non-athletic populations; review of resistance training based on scientific literature; promote the use of a structured scientific approach in the prescription of progressive resistance training.
- KINE 685 Directed Studies. 2 credits**
Directed study of selected problems in athletic training.

Course Rotation

		Summer 1st year (2 nd session)	
		ATTR 660 Prev and Care of Injuries	3
		ATTR 661 Prev and Care of Injuries Lab	1
		ATTR 681 Clinical Education I	2
		6 hours	
Fall 1 st year		Spring 1 st Year	
ATTR 662 Clin Exam and Diagnosis-LE	3	ATTR 668 Therapeutic Modalities	3
ATTR 663 Clin Exam and Diagnosis Lab-LE	1	ATTR 669 Therapeutic Modalities Lab	1
ATTR 682 Clinical Education II	3	ATTR 664 Clin Exam and Diagnosis-UE	3
KINE 601 Reading Research	3	ATTR 665 Clin Exam and Diagnosis Lab-UE	1
ATTR 671 Organization and Admin in Athl Tr	3	ATTR 683 Clinical Education III	3
		KINE 681 Seminar 1	1
13 credits		12 credits	
Summer 2nd year (1 st session)			
ATTR 684 Clinical Education IV	2		
KINE 628 Nutrition in Sports and Exercise	3		
KINE 690S Theory of Kinesiology (Stats)	3		
8 hours			
Fall 2 nd year		Spring 2 nd year	
ATTR 670 General Med Cond and Ther Med	3	ATTR 672 Professional Prep and Issues Athl Tr	3
ATTR 666 Physical Rehabilitation	3	ATTR 686 Clinical Education VI	3
ATTR 667 Physical Rehabilitation Lab	1	KINE 685 Directed Studies	3
ATTR 685 Clinical Education V	3	KINE 629 Phys of Strength & Cond	1
KINE 685 Directed Studies 1	1		
11 hours		10 hours	

Faculty and Staff Needs

Dr. Lori Greenwood, PhD, ATC, LAT has been hired to serve as the Director of the Graduate Athletic Training Program and teach courses within the program beginning in May 2011 (see job description below) which has received support from Athletics. However, in order to meet CAATE requirements, we will need to hire an additional Assistant/Associate Clinical Professor who has a PhD and is a BOC certified athletic trainer (ATC) and a Texas licensed athletic trainer (LAT) to act as the clinical education coordinator for the program (see job description below) and who will also teach courses within the program. The College of Education and Human Development has indicated that they will support this new position. The program director will have a 50% teaching load and a 50% administrative load and the clinical coordinator will have a 75% teaching load and a 25% administrative load. In addition to these faculty members, the Departments of HLKN and Athletics have a number of faculty and staff members who will be able to support this program by teaching classes, serving as medical support personnel, and/or serving as Approved Clinical Instructors (ACI's). As the budget below indicates, once two full classes of students are recruited to the program, the program will generate revenue to the university.

Supporting Faculty and Staff Members and Proposed Teaching Assignments

Faculty/Staff	Faculty Rank	Course(s) Taught
Richard Kreider, PhD	Professor, HLKN	KINE 628 Nutrition-3cr.
Steven E. Riechman, PhD	Assistant Professor, HLKN	KINE 629 Strength&Cond-3cr.
Charles Shea, PhD	Professor, HLKN	KINE 690S Theory of KIN – Statistics - 3 cr.
Michael Massett, PhD	Assistant Professor, HLKN	KINE 601 Reading Research (Research Methods) -3 cr.
Lori Greenwood, PhD, ATC, LAT	Clinical Professor, HLKN	KINE 681 Seminar-1 cr. ATTR 660 Prev/Care-3 cr. (SU)

(Hired to begin F'11)		ATTR 661 Prev/Care Lab-1cr. (SU) ATTR 666 Phys Rehab-3 cr. ATTR 667 Phys Rehab lab 1 cr. ATTR 668 Ther Mod-3cr. ATTR 669 Ther Mod lab-1cr. ATTR 672 Prof Prep-3cr. ATTR 686 Clin Educ VI-3 cr. KINE 685 Directed Studies-1cr.
New Faculty Hire (to begin Fall 2012)	Asst/Assoc. Clinical Professor, HLKN	ATTR 662 Clin Exam Dx LE-3cr. ATTR 663 Clin Exam Dx LE lab-1cr. ATTR 664 Clin Exam Dx UE-3cr. ATTR 665 Clin Exam Dx UE lab-1cr. ATTR 671 Org & Admin-3cr. ATTR 681 Clin Educ I-2cr. (SU) ATTR 682 Clin Educ II-3cr. ATTR 683 Clin Educ III-3cr. ATTR 684 Clin Educ IV-2cr. (SU) KINE 685 Directed Studies-1cr.
Staff Athletic Trainer (TBA)	Adjunct, Athletics	ATTR 685 Clin Educ V-3cr.
Physician (TBA)	Adjunct	ATTR 670 Gen Med-3 cr.

The following faculty and staff members will also support the program as follows:

Research Lab Directors

- Steve Crouse, PhD, FACSM – Professor & Director, Applied Physiology Laboratory
- Rick Kreider, PhD, FACSM, FISSN – Professor and Head, Department of HLKN; Director, Exercise & Sport Nutrition Lab

Medical Director for Athletic Training Program

- J.P. Bramhall, MD – Director of Sports Medicine – Team Orthopedic Surgeon, Athletics

Clinical Instructors and Field Supervisors

** Clinical Education courses (ATTR 681, 682, 683, 684, 685, 686) are 2-3 credit hour courses combining in class instruction and field experiences which will be supervised by the following:*

- Karl Kapchinski, BS, ATC, LAT- Assistant Athletic Director for Athletic Training, Athletics
- Josh Cohen, MEd, ATC, LAT-Athletic Trainer, Athletics
- Matt Doles, MS, ATC, LAT-Athletic Trainer, Athletics
- Matthew Kee ATC, LAT, PT, DPT-Athletic Trainer/Physical Therapist, Athletics
- Stephanie Kee, MEd, ATC, LAT, PES –Athletic Trainer, Athletics
- Danny Kniffin, MEd, ATC LAT, Rehabilitation Coordinator/Athletic Trainer, Athletics; Instructional
- Saul Luna, LAT, ATC, CSCS, Athletics
- Jay Martin, MA, ATC, LAT, Athletics
- David Weir, BS, ATC, LAT, Head Athletic Trainer for Football, Athletics

New Faculty Positions

Program Director (New Clinical Professor Position – Funded by Athletic Department):

- Full time faculty member hired to begin planning process for CAATE review
- Have full faculty status, rights, responsibilities, and privileges as defined by institution policy
- Have programmatic administrative and supervisory responsibility recognized as a department assignment consistent with other similar assignments at the institution
- Experience in attracting extramural funding to support programs through grants and contracts

- Have amount of released/reassigned time that is necessary to meet the administrative responsibilities of this assignment. This released/reassigned workload must be consistent with similar assignments at the institution.
- Must hold current national certification and be in good standing with the BOC
- Have a minimum of 3 years experience as a BOC certified athletic trainer
- Possess a current state credential for athletic training as required
- Demonstrate a strong academic and clinical orientation
- Demonstrate sincere interest in the professional preparation of athletic training students
- Demonstrate teaching, scholarly activities, and service consistent with institutional standards
- Responsible for organizing and administration of all aspects of the educational program; curricula planning and development; fiscal and budgetary input and management as determined by the institution; equitable distribution of educational sites; recognizable institutional responsibility for the day-to-day operation, coordination, supervision, and evaluation of all components (academic and clinical education) of the ATEP.
- Must be able to qualify for HLKN graduate faculty to teach graduate level courses and chair graduate committees
- Must be an experienced and practicing athletic trainer within the athletic department

Clinical Education Coordinator (New Clinical Professor Position – Funded by CEHD)

- Full time faculty member hired during second year of program to be designated as the Clinical Education Coordinator of the program
- Ability and/or experience in maintaining an active research agenda leading to publications in appropriate scholarly journals
- Have a minimum of 3 years experience as a BOC certified athletic trainer
- Designated and authorized by the institution to oversee Approved Clinical Instructor (ACI) training
- Knowledgeable in the content areas required for the training of ACI's and able to act as the Clinical Instructor Educator (CIE)
- Must be BOC credentialed athletic trainer
- Must be able to qualify for HLKN graduate faculty to teach graduate level courses and chair graduate committees
- Must be an experienced and practicing athletic trainer within the athletic department

Budget

We have attached a projected budget. This program will add 20-30 new graduate students to our graduate program. The Department of Athletics has agreed to provide funding for the Program Director as well as some of the accreditation expenses. The Department of HLKN and CEHD will match this commitment by hiring a Clinical Education Coordinator. If we bring in 10-15 students per year who pay tuition, the program will generate revenue to the university. However, it is understood that the Department of HLKN and CEHD will incur costs if these funding projections are not met. Consequently, this is a program that can meet the needs of preparing master's level athletic trainers for the State of Texas, enhance sport medicine related scholarship at Texas A&M University, provide needed support to our sports medicine programs; increase graduate enrollment; and, generate revenue to the university.