

Section I: The Request

University of Utah requests approval to offer an Athletic Training major (The rationale for this request is to bring the Athletic Training Education Program (ATEP) in compliance with national accreditation standards.) effective Fall 2008. This program has been approved by the institutional Board of Trustees on Month

Section II: Program Description

Complete Program Description

The University of Utah ATEP followed an internship model from 1976-2000. During that time, students enrolled and completed an introduction to athletic training course, an advanced athletic training course, as well as clinical courses that provided credit for their 1500 hours of external clinical experience required for national certification. Each of the academic courses was within the Department of Exercise and Sport Science and was taught by the athletic training staff at the University of Utah. Today, through a cooperative effort between the Department of Exercise and Sport Science and the Department of Athletics, we have designed a two and a half year curriculum that provides a variety of learning opportunities leading to a mastery of skills. The University of Utah ATEP now has an educational model of 14 didactic and clinical courses specific to athletic training education within ESS to meet the national guidelines and requirements.

According to Utah State Law (Athletic Trainer Licensing Act – Title 58, Chapter 40a; Utah Code Annotated 1953; Issued May 1, 2006 – PDF copy available), an athletic trainer describes an individual who is licensed to practice the application of athletic training services which encompasses the following:

- a. prevention of athletic injuries
- b. recognition, evaluation, and assessment of athletic injuries and conditions;
- c. immediate care of athletic injuries, including common emergency medical situations;
- d. rehabilitation and reconditioning of athletic injuries;
- e. athletic training services administration and organization; and
- f. education of athletes.

In 2005, the national accreditation agency that oversees athletic training education nationally, The Commission on Accreditation of Athletic Training Education (CAATE), was created. The University of Utah now offers a CAATE accredited ATEP that provides students with an integrated knowledge and clinical understanding of athletic training techniques and their application within sports medicine. In addition, a variety of clinical experiences with University of Utah athletic teams, community sports medicine clinics, surrounding high schools, and area professional athletic teams are provided within the curriculum to prepare the student for a career in athletic training.

In the spring of 2007, the ATEP at the University of Utah completed a comprehensive accreditation review. On July 28, 2007, CAATE found the University of Utah ATEP to be in “substantial compliance with the nationally-recognized Standards for Entry-Level Athletic Training Education that were established with the support of the following sponsoring organizations: The American Academy of Family Physicians, The American Academy of Pediatrics, The American Orthopaedic Society for Sports Medicine, and the National

Athletic Trainers' Association, Inc." (PDF copy available) However, as noted, CAATE has stated the following:

While your program has been awarded continuing accreditation, the following citations merit your institution's attention and resolution in order to come into full compliance with the Standards.

1. The athletic training education program must be an undergraduate or graduate program that offers a major or graduate equivalent in athletic training. The undergraduate major equivalent must be:
 - 1.1 consistent with other majors offered within the institution
 - 1.2 identified as an academic athletic training major program in institutional academic publications, and
 - 1.2 indicated on the official transcript of the student as is normally designated for other major equivalents at the institution

The citations listed above must be resolved by the institution in order to maintain Accreditation. Failure to respond satisfactorily to these citations by may result in a change of the accreditation status, including probation or withdrawal of accreditation.

The approval of a major in athletic training does not alter the course design, cost, or have any additional impact on any department, college, university, or state entity.

Purpose of Degree

The American Medical Association recognizes athletic training as a clinical healthcare profession. The state of Utah requires one to obtain licensure to practice as an athletic trainer in the state. The national accrediting agency is mandating all accredited educational programs become stand - alone majors at their respective institutions. The degree will allow graduates to become eligible to sit for the national certification exam, become licensed to practice in the state of Utah, and meet the expectations and requirements of the national accrediting agency (CAATE) that oversees athletic training education.

Institutional Readiness

No new organizational structures or changes in cost, staffing, facilities are needed for this proposed change from an emphasis to a major. The institution is meeting the needs and demands of the program currently as well as into the future. Thus, the proposed program will not impact the delivery of either undergraduate or lower-division education.

Faculty

No additional faculty are needed in the first five years of the program. We are meeting state and CAATE ratios currently and into the future with the present faculty. The program is composed of one tenure-track faculty and 5 non-tenure track faculty.

Staff

No additional staff support will be needed or required in the first five years.

Library and Information Resources

The institution currently has the needed library resources and support from the library.

Admission Requirements

Admission is done in the Fall Semester annually and composed of two separate entities: application materials and a professional interview. The application materials consist of the following: application form, application fee (\$50), 2 recommendation letters, technical standards form, transcript from any colleges attended, physical, hepatitis B vaccination, CPR and AED certification, ESS 2700 completion, and an overall GPA of 2.5. The interview is performed on applicants that meet our minimum requirements. The interview is performed by the program director, clinical education coordinator, director of sports medicine in athletics, a current graduate student, and a faculty member in the ESS department not affiliated with the program. The documents and instructions can be found at our website: <http://www.health.utah.edu/ess/athletic-trng/>

Student Advisement

The students are advised by the academic advisor for the department of ESS and meet with the program director each semester to discuss course progression and scheduling.

Justification for Gradation Standards and Number of Credits

A PDF with the file is available and 122 credits are needed to graduate with a degree in athletic training. Additionally, the breakdown of graduation credits can be found on our website: <http://www.health.utah.edu/ess/athletic-trng/>.

External Review and Accreditation

The Athletic Training Education Program just had an accreditation review and was found in compliance and met all standards for CAATE. The purpose of moving from an emphasis to a stand alone major is due to CAATE's findings:

While your program has been awarded continuing accreditation, the following citations merit your institution's attention and resolution in order to come into full compliance with the Standards.

1. The athletic training education program must be an undergraduate or graduate program that offers a major or graduate equivalent in athletic training. The undergraduate major equivalent must be:
 - 1.1 consistent with other majors offered within the institution
 - 1.2 identified as an academic athletic training major program in institutional academic publications, and
 - 1.2 indicated on the official transcript of the student as is normally designated for other major equivalents at the institution

The citations listed above must be resolved by the institution in order to maintain Accreditation. Failure to respond satisfactorily to these citations by may result in a change of the accreditation status, including probation or withdrawal of accreditation.

The approval of a major in athletic training does not alter the course design, cost, or have any additional impact on any department, college, university, or state entity. Our next review of the entire program by

CAATE is scheduled for 2011-2012 AY, however, we are required to send in rejoinders bi-annually to document the progress of the citations listed previously until adequately addressed.

Projected Enrollment

Year	Student Headcount	# of Faculty	Student-to-Faculty Ratio	Accreditation Req'd Ratio
1	32	6	5.33:1	N/A
2	36	6	6:1	N/A
3	36	6	6:1	N/A
4	36	6	6:1	N/A
5	36	6	6:1	N/A

Expansion of Existing Program

The program is identical to the accredited athletic training education program we have been using from the year 2000. The headcount of new students accepted into the two and a half year program from the year 2003 to 2007 is as follows: 5 (2003), 10 (2004), 18 (2005), 14 (2006), 21 (2007).

Section III: Need

Program Need

The University of Utah ATEP provides higher education to students interested in obtaining the necessary didactic and clinical skills necessary to function as a licensed clinical healthcare professional. Upon graduation, our students are eligible to take the National Athletic Trainers Association Board of Certification Exam and practice as a licensed athletic trainer in the State of Utah.

In 2006, the Utah Legislature passed the Athletic Training Licensure Bill. This new level of credentialing will enable athletic trainers to obtain third party reimbursement through insurance companies for their services. This will increase employment opportunities for athletic trainers throughout Utah in sports medicine clinics, hospitals, and other health care facilities.

Labor Market Demand

Athletic trainers are employed in corporations, public schools, physical therapy clinics, universities, professional organizations, the military, factories, and hospitals. In almost every state, athletic trainers must be Board of Certification (BOC) certified in order to practice. According to the Career Center on www.NATA.org (just one online job posting site), there were 42 new listings in the last week for athletic trainers, 213 in the last month, and 383 in the last 2 months as observed on March 28, 2008.

According to the U.S. Department of Labor's Occupational Outlook Handbook, 2002-2003 Edition, the demand for health care services will create tremendous job opportunities over the next eight years. Nine of the top 20 job growth categories are in health care services. Of the total professional jobs, 5.2 million will be added from three groups: health care services and technology; education, training and library occupations; and computer/mathematical occupations. Certified Athletic Trainers (ATCs) are represented in two of the three major job growth categories: health care services and education. ATCs are at the front end of their growth curve, and have a broad practice scope. (www.nata.org)

From 1990 to 2000, the population in Utah grew 29.6%, and from 2000-2005, it grew 10.6%, double the national average. Projections for 2025 estimate a 20% population growth in the state of Utah. (<http://quickfacts.census.gov/qfd/states/49000.html>). The projected growth of Utah provides for continued demand for health care services and facilities in the state.

Student Demand

The ATEP accepts up to 21 Athletic training students (ATS) annually. In academic year 2005-2006, the first year that the current program director (Bradley Hayes Ph.D., ATC-L) was present, there were 36 applications. Of the 36 applicants, ATEP accepted 18 students with an average grade point average of 3.43. That is a 50% rejection rate to students with GPAs greater than 2.5 needed for application. Additionally, all 18 are on schedule to graduate in Spring 2008. In academic year 2006-2007, ATEP had 24 students apply. ATEP accepted 14 students with an average grade point average of 3.27. That is a 41% rejection rate. In academic year 2007-2008, ATEP had 34 students apply and accepted 21 students with an average grade point average of 3.31. That is a 38% rejection rate of applicants with greater than a 2.5 overall grade point average. Thus, the student demand is strong and does not appear to be diminishing.

Similar Programs

There are currently four accredited undergraduate athletic training education programs in Utah at (Weber State University, Southern Utah University, Brigham Young University, and the University of Utah). Of these four, currently only Weber State University has a major in athletic training.

We have contacted Valerie Herzog Ph.D., ATC-L at Weber State University, and Ty Hopkins Ph.D., ATC-L at Brigham Young University. All accredited programs are required to obtain a major in athletic training to their respective institutions of higher learning. Due to the market demand, high student demand, and the fact that the majority (>90%) of our graduates are finding work or continuing with a graduate degree, we believe it necessary to obtain a major in athletic training within the USHE system. Additionally, our ATEP differs in the didactic and clinical opportunities available to the students. Each program listed has students performing clinical rotations at their respective institutions in the USHE system, as well as, the at large community in public/private high schools and outpatient rehabilitation clinics (Weber State - Ogden, BYU - Provo, and University of Utah - Salt Lake City). Thus, we do not infringe and there is a need for each program in the USHE.

Collaboration with and Impact on Other USHE Institutions

We have a friendly and collegial relationship between the University of Utah, Weber State University and BYU. Upon reflections and discussions at state and regional conferences with Dr. Valerie Herzog (WSU) and Dr. Ty Hopkins (BYU), our program becoming a stand-alone major will not change the current relationship we have. Additionally, each program has strong interest and placement for their students following graduation now and into the future. Therefore, the impact of the program change from an emphasis to a major will have negligible impact on other USHE institutions. .

Benefits

The institution has a nationally accredited clinical healthcare program recognized by the AMA as an undergraduate degree. Upon graduation from the program, students are eligible for the national certification exam and obtain licensure to practice in the State of Utah. Thus, the University of Utah benefits as well as the USHE by offering this ATEP.

Consistency with Institutional Mission

Yes, the University of Utah ATEP provides higher education to students interested in obtaining the necessary didactic and clinical skills necessary to function as a licensed clinical healthcare professional. Upon graduation, our students are eligible to take the National Athletic Trainers Association Board of Certification Exam and practice as a licensed athletic trainer in the State of Utah.

Section IV: Program and Student Assessment

Program Assessment

The Achievement Outcomes of Mission and Educational Objectives can be found in an available PDF document as well as the our website <http://www.health.utah.edu/ess/athletic-trng/> . Outcomes were measured for the past two academic years. Items that we assess and measure are the following: overall GPA, ATEP Didactic and Clinical Course GPA (major GPA), Professionalism Score, Student Clinical Evaluations, Clinical Affiliated Site Evaluation, Approved Clinical Instructor Evaluation, NATABOC Examination Results, and demographic information from our external clinical sites. All these goals are being met and assessed bi-annually by the program director and faculty involved with the ATEP.

Expected Standards of Performance

The 4th edition proficiencies and competencies of the NATABOC are required to be assessed over time from CAATE. Please see CAATE at www.caate.net for detailed information regarding expected standards of performance needed to maintain accreditation. Our accreditation and program self-study materials measured greater than 500 pages and sufficiently met the proficiencies and competencies mandated by CAATE.

Section V: Finance

Financial Analysis Form					
	Year 1	Year 2	Year 3	Year 4	Year 5
Students					
Projected FTE Enrollment	32	36	36	36	36
Cost Per FTE	3839	4825	5824	6497	6683
Student/Faculty Ratio	5	6	6	6	6
Projected Headcount	32	36	36	36	36
Projected Tuition					
Gross Tuition	69696*	78408*	78408*	78408*	78408*
Tuition to Program	25344*	33696*	33696*	33696*	33696*
5 Year Budget Projection					
	Year 1	Year 2	Year 3	Year 4	Year 5
Expense					
Salaries & Wages	86000	120350	147535	164350	169749
Benefits	21960	35406	41152	43566	44859

Total Personnel	107960	157956	188687	207916	214608
Current Expense	6000	15000	20000	25000	25000
Travel	750	750	1000	1000	1000
Capital	0	0	0	0	0
Library Expense	0	0	0	0	0
Total Expense	\$114710	\$173706	\$209687	\$233916	\$240608
Revenue					
Legislative Appropriation	0	0	0	0	0
Grants & Contracts	0	40000	80000	100000	100000
Donations	0	0	0	0	0
Reallocation	81156	91600	81171	85400	92092
Tuition to Program	25344	33696	33696	33696	33696
Fees	8210	8410	14820	14820	14820
Total Revenue	\$114710	\$173706	\$209687	\$233916	\$240608
Difference					
Revenue-Expense	\$0	\$0	\$0	\$0	\$0

Budget Comments

The additional cost of this change to an athletic training major to the department, college, athletics, university, and state will be \$0 to what is to be predicted without the change. There is no additional administrative staff, faculty, supplies, SCH, etc. needed for this change. An additional PDF has letters of support from Dr. Chris Hill (Director of Athletics), Dr. James Graves (Dean of the College of Health), Dr. Scott Ward (Chair of Physical Therapy), Dr. Les Chatelain (Chair of Health Promotion and Education), Joan Stoddart (Interim Director of Eccles Health Sciences Library), Dr. Robert Burks (Head Team Physician and Professor of Orthopaedic Surgery U of U) and Dr. Patricia Eisenman (Associate Dean of the College of Health). Additionally, the faculty of the department of Exercise and Sport Science voted unanimously on April 14, 2007 to move athletic training to a major as opposed to an emphasis within the department.

In the future, affiliation agreements between entities such as school districts, universities, clinics, professional sport teams, and hospitals that may include administrative costs may be developed and implemented to increase revenue streams to the ATEP and the ESS department.

Funding Sources

*The funding for the program is similar to each academic discipline/program in the Department of Exercise and Sport Science. The budget is allocated from the department wide budget funded by the state, faculty productivity monies, and student credit hours. The students enrolled in ATEP will remain consistent to meet national accreditation standards, therefore, no growth in department SCH due to ATEP will occur. Thus, no additional tuition income will be received by the department. The funding for the program will not be augmented or altered with this change from an emphasis to a major status.

Reallocation

The department chair in ESS uses the total funds from the department to fund each of the five academic programs available, of which, ATEP is included.

Impact on Existing Budgets

No other program or budget will be affected from the move from an emphasis to a stand alone major in the Department of ESS.

Appendix A: Program Curriculum

All Program Courses

List all courses, including new courses, to be offered in the proposed program by prefix, number, title, and credit hours (or credit equivalences).

Course Prefix & Number	Title	Credit Hours
Core Courses		
ESS 3400	Athletic Training Fundamentals I	3
ESS 3401	Clinical Experience in AT I	2
ESS 3402	Clinical Experience in AT II	2
ESS 3403	Clinical Experience in AT III	2
ESS 3404	Clinical Experience in AT IV	2
ESS 3405	Clinical Experience in AT V	2
ESS 3420	Athletic Training Fundamentals II	3
ESS 3430	Medical Practice Management in AT	2
ESS 3470	Physical Agents in Athletic Training	3
ESS 3480	Therapeutic Exercise in Athletic Training	3
ESS 3490	Advanced Issues in Athletic Training	3
ESS 4010	Practicum in Athletic Training I	2
ESS 4011	Practicum in Athletic Training II	2
ESS 4920	Sports Medicine Symposium	2
ESS 2700	Prevention and Care of Athletic Injuries	3
		36
Dept. Core Courses		
ESS 2500	Exploration of Movement Sciences	3
ESS 3091	Physiology of Fitness (QI)	3
ESS 3092	Kinesiology	3
ESS 3093	Biomechanics (QI)	3
ESS 3340	Sport Psychology	3
ESS 4465	Exercise Programming (QI)	5
		20
Outside ESS Courses		
HEDU 1950	First Aid and Emergency Care	4
BIOL 2325	Human Anatomy	4
BIOL 2420	Human Physiology	4
NUTR 5320	Nutrition for Exercise and Sport	3
HEDU 1030	Substance Use and Abuse	3
	Subtotal	18

Course Prefix & Number	Title	Credit Hours
	Sub-Total	74
Elective Courses	University Requirements	
	Humanities	3
	Humanities	3
	Fine Arts	3
	Fine Arts	3
	American Institutions	3
	Writing 2010	3
	Life Sciences	4
	Life Sciences	3
	Quantative Analysis Math	3-4
	Quantitative Reasoning	3
	Upper Division University Writings	3
	Diversity Course	3
	Quantitative Intensive	3
	Quantitative Intensive	3
	International	3
	Sub-Total	48
Track/Options (if applicable)		
	Sub-Total	
	Total Number of Credits	122

New Courses to be Added in the Next Five Years

No new courses will be developed in the next five years. The current course listings meet CAATE and University Requirements for accreditation and graduation, respectively.

Appendix B: Program Schedule

Please see our website at <http://www.health.utah.edu/ess/athletic-trng/> for table of program completion and semester course schedule.

Appendix C: Faculty

Bradley T. Hayes Ph.D., ATC-L
 Director, Athletic Training Education
 Instructor/Approved Clinical Instructor (ACI)

Craig Switzler MS, ATC-L
 Clinical Education Coordinator/Instructor
 Instructor/Approved Clinical Instructor (ACI)/Clinical Instructor Educator (CIE)

Bill Bean MS PT, ATC-L
Director of Sports Medicine/Instructor
Instructor/Approved Clinical Instructor (ACI)

Debra Willardson PT, ATC-L
Associate Director of Sports Medicine
Instructor/Approved Clinical Instructor (ACI)

Trevor Jameson MS, ATC-L
Instructor/Approved Clinical Instructor (ACI)

Tom Iriye ATC-L
Instructor/Approved Clinical Instructor (ACI)