

MEMORANDUM

To: Board of Regents
From: Board Office
Subject: Establishment of a Major in Athletic Training, SUI
Date: March 3, 2003

Recommended Action:

Approve the University of Iowa's request to establish a separate major in Athletic Training to be granted by the College of Liberal Arts and Sciences.

Executive Summary:

| | |
|-----------------------------------|---|
| Need for a Separate Major | The University of Iowa is requesting approval to create a separate undergraduate major in Athletic Training (AT) leading to a B.S. granted by the College of Liberal Arts. The program is jointly sponsored by the Department of Exercise Science and the Department of Orthopaedic Surgery in the College of Medicine. The Department of Exercise Science currently offers an undergraduate B.S. degree with a major in Exercise Science. The major has two tracks, one in Exercise Science and one in Athletic Training. The faculty of the Department of Exercise Science recently reviewed the curricula for both tracks and determined since the curricula are markedly different, a separate major in athletic training should be developed. Currently, transcripts read "Exercise Science" (Athletic Training track). This nomenclature is uncommon and the Department believes it is inaccurate, given the limited overlap between the exercise science curriculum and the AT curriculum. The creation of a major in Athletic Training will provide a more accurate representation of students' achievements. |
| Reviewed by ICEC and Board Office | The program has been reviewed by the Interinstitutional Committee on Educational Coordination (ICEC) and the Board Office and is recommended for approval. |
| Benefit to Students | This program is an extension of an existing "Track" in Athletic Training. It will be a benefit to students to graduate from a full program. |
| Already Accredited | There are three accredited Athletic Training programs in Iowa, with several others applying for accreditation. |

Not a New
Program

The University of Iowa program is not a new program, but merely a new major designation. There is no difference between the current AT track and the proposed AT major. The only change will be that clinical sciences courses will be renumbered from 027 (Exercise Science) to 076 (Orthopaedic Surgery). This will give credit to the faculty in Orthopaedic Surgery who currently teach AT. The SUI program is the only program directly affiliated with a College of Medicine, and has been accredited by the Commission on Accreditation of Allied Health Education Programs for the past 28 years. It is described as a model AT program by the American Medical Association.

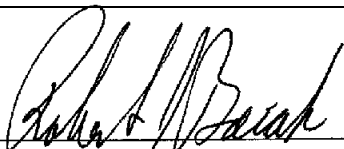
No New
Resources
Needed

No new resources will be needed. The number of admitted students will not change in the immediate future. The primary purpose of the new designation is:

- to formally recognize the contributions of the two departments involved in the preparation of athletic training majors (Exercise Science and Orthopaedic Surgery),
- to identify better student achievement, and
- to resolve recommendations from the previous program review related to future staffing of the program without requiring additional resources.

Program Review
Questions

Attached to this memorandum are the University's responses to the Board of Regents Program Review Questions.


Robert J. Barak

Approved: 
Gregory S. Nichols

Answers to the Regents New Program Questions 6.05

1. Need

- a. How will this proposed program further the educational and curriculum needs of the students in this discipline?

The designation of AT as a major instead of a track within the exercise science major, will provide a more accurate representation of students' achievements. Students in both exercise science and AT will benefit since their transcripts will more exactly present their qualifications.

- b. How does it further the educational and curriculum needs of other units in the College or University?

This is not a new program, merely a request for an appropriate identification of an existing program. A clearer identification of students pursuing AT will benefit faculty members teaching supporting course work since this will appropriately identify the students as members of the allied health profession group and identify the two major departments involved across two colleges.

2. Duplication and Collaboration

- a. What programs in this field of study are available in other colleges and universities in Iowa? (Identification of other programs available in this field at other institutions should be made within a broad definitional framework. For example, such identification should not be limited to programs bearing the same title, the same degree designation, having the same curriculum emphasis, or purporting to meet exactly the same needs as the proposed program.)

At present, there are three accredited AT programs in Iowa with ten others applying for candidacy as accredited programs. The University of Iowa is the only program directly affiliated with College of Medicine facilities and faculty in addition to CLAS faculty and facilities. There is no other AT program that includes extensive formal teaching by expert sport medicine physicians who are also faculty members of a college of medicine. The University of Iowa program has been repeatedly accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) for the past 28 years and described as a model AT program by the A.M.A.

- b. With what representatives of these programs have you consulted in developing this proposal? Provide a summary of the reactions of each institution consulted. (The complete text of responses should be included.)

Since this is not a proposal for a new program but simply a proposal to change an existing program from a "track" designation to a "major" designation, no representatives from other institutions were consulted. The program has been accredited since 1974.

- c. In what ways is this proposed program similar to those mentioned in 2a? In what ways is it different or does it have a different emphasis? (In describing program similarities and differences, consider such factors as curriculum, prospective student groups to be served, and career or other types of goals to be emphasized.)

The University of Iowa AT program is the oldest accredited AT program in the state having received its first accreditation in 1974. While all AT programs must meet specific accreditation criteria, The University of Iowa program is unique in that it is affiliated with the College of Liberal Arts and Sciences and the College of Medicine. It is the only program that provides the students with clinical training taught by MDs in the College of Medicine and which provides the students with the opportunity to participate in the College of Medicine Sports Medicine Clinics in Orthopaedic Surgery. Due in part to this affiliation, The University of Iowa AT program has been described as a model program by the accreditation bodies affiliated with the American Medical Association. Perhaps the Iowa program is also somewhat unique in that approximately 25% of the students use the degree as a pre-health profession major to apply for admission to the various health sciences, MD, PT, PA, etc.

- d. How does the proposed program supplement the current programs available? (In some instances, this question should go beyond how the program will supplement others within the state. If the justification for the program involves special regional or national needs, a description of existing programs within the region or the nation and the relation of the proposed program to these should be provided.)

Since this is not a proposal for a new program, and the program is the longest existing program in the state, it is not appropriate to consider the proposal as a "supplement" to other programs. Because AT is a clinically oriented degree program, all such programs must limit their enrollment to provide adequate training and supervision for each student. At The University of Iowa, 16 new students are admitted to the program each year from a pool of approximately 50 applicants. To our knowledge, similar demands exist at ISU and UNI.

- e. Has the possibility of some kind of interinstitutional program or other cooperative effort been explored? What are the results of this study? (Consider not only the possibility of a formally established interinstitutional program, but also how special resources at other institutions might be used on a cooperative basis in implementing the proposed program solely at your institution.)

Due to the nature of the clinical training, staffing requirements, progression sequences and supervision requirements, an interinstitutional AT program is impractical. To our knowledge, there is no "interinstitutional" AT program anywhere in the United States.

- f. Please list the Iowa institutions in which articulation agreements are being developed for the proposed program (NOTE: This applies only to community college degree programs which may transfer students to this program.)

Not applicable.

- g. Please provide the Classification of Instructional Program (CIP) Code for the proposed program.

31.0503

2. Please estimate the enrollment in this program for the next five years as follows:

a. Undergraduate five-year enrollment expectations for majors

| | 2003-2004 | 2004-2005 | 2005-2006 | 2006-2007 | 2007-2008 |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|
| Fall semester returning majors | 48 | 48 | 48 | 48 | 48 |
| Spring semester new majors added | 16 | 16 | 16 | 16 | 16 |
| Spring semester graduation | 16 | 16 | 16 | 16 | 16 |

Non-majors cannot enroll in the clinical sequence courses. Approximately 70 non-majors do enroll in the Basic Athletic Training Course (27:057) each year and 50-70 non-majors also enroll in the prospective athletic training class, Special Projects 27:096, each fall semester.

b. Graduate

Not applicable. M.S. degrees with an emphasis in AT will continue to be offered by the Department of Exercise Science as they have been for many years.

c. On what basis were these estimates made?

Enrollments are based on current and past enrollment patterns.

d. What are the anticipated sources of these students? (For example, persons currently enrolled in other programs within the institution; persons currently attending other institutions, in state or out of state; persons not currently enrolled in institutions of higher education.)

We will continue to attract students as we have in the past from the undergraduate population as a whole. Sixty-seven percent of the current students are from the state of Iowa. Thirty-three percent are from out-of-state.

3. Please provide any available data or information on employment opportunities available to graduates of this program in Iowa and nationally. (Such information is available from U.S. government labor sources as well as many professional associations.)

Employment opportunities for graduates include serving as health-care professionals for sports medicine clinics, hospitals, and other corporate settings. Opportunities exist in each state related to common licensing requirements with the National Athletic Trainers Association Board of Certification (NATABOC) Certification. Approximately 48 percent of the graduates each year go on to graduate or professional schools. Additional education for the M.S. degree or secondary school teaching certification is usually required for employment with professional teams as well as university, college, and secondary school athletic teams.

4. Are there accreditation standards for this program? What is the accreditation organization? What accreditation timetable is anticipated? (Please provide a copy of the accreditation standards.)

The national accrediting agency for AT programs is the Commission on Accreditation of Allied Health Education Programs (CAAHEP). CAAHEP accredits programs representing 18 allied health professions recognizing over 1900 allied health education programs in more than 1300 institutions. These institutions include universities and colleges, academic health centers, junior and community colleges, hospitals, clinics, blood banks, vocational-technical schools, proprietary institutions, and government institutions and agencies. The Iowa AT program was most recently accredited in 1999 achieving its sixth full accreditation decision since 1975.

6. Does the proposed program meet minimum national standards for the program, e.g., Council of Graduate Schools or other such bodies?

Yes, as indicated by continued accreditation by CAAHEP.

5. Please report any reactions of the Iowa Coordinating Council for Post-High School Education.

Pending

Additional Resource Needs

6. Will the program require new resources?

No new resources will be needed for the designation of AT as an undergraduate major. The number of admitted students will not change in the immediate future. The primary purpose of the proposal for a major is three-fold. (1) To formally recognize the contributions of the two departments, Exercise Science and Orthopaedic Surgery, involved in the preparation of athletic training majors, (2) to better identify student achievement, and (3) to resolve recommendations from the previous program review related to future staffing of the program without requiring additional resources.

7. Will the program require reallocated resources?

Yes, but only in the sense that the changes will be a more accurate recognition of the resources already made available by the Department of Orthopaedic Surgery in the College of Medicine. Faculty members in Orthopaedic Surgery involved in the clinical education aspects of athletic training will assume zero percent secondary appointments in Exercise Science to formally recognize their teaching and supervision roles. In addition, Professor John Albright (M.D.) Will be named medical director of the AT program. Lastly, the clinical sequence courses formally carrying Exercise Science course numbers (Department 27) will be changed to Orthopaedic Surgery course numbers (Department 76).

8. At what level of enrollment will additional resources be required for the program?

No additional resource needs are anticipated in the foreseeable future.

9. Estimate the total costs (or incremental increases in expenditures) that may be necessary as a result of the new program (new degree designation) for the next three years.

No new costs are expected over the next three years. In fact, there will be a decrease in costs due to the replacement of a visitor faculty line teaching appointment by a 10% appointment for a University Hospitals sports medicine physical therapist.

| Projected Three-Year Program Expenses | | | |
|--|--|--------------------|-------------------|
| | <u>First Year</u> | <u>Second Year</u> | <u>Third Year</u> |
| Faculty | \$36,312 | \$37,451 | \$38,427 |
| Graduate Assistants | No costs involved. Graduate assistant salaries are covered by a contract with the Iowa City Community School District. | | |
| General Expense | No new costs involved. General expense costs are minimal and covered by the Department of Exercise Science. | | |
| Equipment/Supplies | Laboratory course fees cover all such needs. | | |

Note: Due to the replacement of one visitor teaching line by a 10% appointment for a University Hospitals physical therapist, faculty salaries will be reduced by approximately \$6,000 each year compared to the year 2001-2002.

10. How does this program relate to the College's/University's strategic plan?

The AT program is directly related to the CLAS and the University strategic planning goal of providing comprehensive strength in undergraduate programs. The program attracts a diverse student body and provides undergraduates with a high-quality educational opportunity taught by senior faculty members in both the CLAS and Medicine. In addition, it prepares undergraduates for careers and graduate education opportunities in the health sciences, and it is an integral component of providing health care for the University community.

6.09 Principles and Standards for Program Duplication

1. Does the institution have personnel, facilities, and equipment adequate to establish and maintain a high-quality program or should the program be located in another institution where adequate resources are available?

This is not a new program nor is it an expansion of an existing program. It is simply a proposal to properly identify a program that has been maintained for over 28 years. The AT program at The University of Iowa has been in existence and undergone peer review for accreditation since 1974. The facilities, personnel and equipment are among the finest in the nation. In recent years, ISU and UNI have developed AT programs; however, their programs are not identical due to the fact their programs are housed in Colleges of Education in contrast to The University of Iowa program being housed in the Colleges of Liberal Arts and Sciences and Medicine.

2. Does student demand for the proposed program justify its development or expansion?

We are neither requesting a new program nor an expansion of an existing program. We are simply requesting a change in the designation of the program from a "track" to a "major." This is important for three primary reasons.

- a. The athletic training "track" curriculum is markedly different from the exercise science major curriculum. Therefore, both groups of students will be more properly identified.*
- b. The Department of Orthopaedic Surgery and its faculty will receive proper identification and credit for their role in the academic curriculum.*
- c. Possible future accreditation issues related to size and/or rank of the AT faculty will be eliminated without any increase in cost. Demand has remained high in spite of the new programs at ISU and UNI.*

3. Do adequate employment opportunities for graduates exist, and is it likely that they will continue to exist?

AT employment opportunities have increased modestly over the existence of the Iowa program. We do not anticipate a decrease or a marked increase in employment opportunities in the foreseeable future although employment opportunities in secondary schools appears to be increasing.

4. In fields in which one university already offers a substantial program, but in which another university is proposing a new or expanded program, could the first institution reasonably accommodate the necessary expansion or would its resources and facilities be so taxed that such an expansion would reduce educational quality?

As indicated above, this is neither a proposal for a new program or an expansion of an existing program. The AT program has been advertised in university catalogs, bulletins, recruiting information and through accreditation for many years. The University of Iowa program is the longest existing accredited AT program in the state, and it has grown and evolved over 28 years to its present status. However, The University of Iowa could not accommodate a further expansion at this time to provide a single program for the three state institutions nor could the programs at UNI or ISU. In addition, the UNI or ISU programs can not provide the opportunities available at The University of Iowa through the Department of Orthopaedic Surgery.

5. Would a comparable program development or expansion at the first university (see Point 4) require new capital construction producing a higher cost alternative to that proposal?

ISU and UNI can not provide the College of Medicine opportunities which exist at The University of Iowa. Similarly, The University of Iowa could not accommodate all of the AT majors at UNI and ISU without a marked downward change in the program and an increase in capital construction and faculty size.

6. Would the proposed program enhance other programs already in place at the university?

Since the program already exists and there is no planned change in the program, there will be no new enhancement of existing programs. The program is very important to the Intercollegiate Athletic Program, Recreational Services, the public school system, and it is an integral component of the expanding sports medicine services in Orthopaedic Surgery.

7. Is the proposed program consistent with the institutional mission statement?

The program is directly related to the University mission of enhancing undergraduate education that prepares students for professional employment in health-care services provided to the people of Iowa and the nation.

8. Do other colleges in Iowa offer programs similar to the one proposed and at comparable quality and cost?

ISU and UNI offer AT programs within their Colleges of Education. The University of Iowa program has a 28-year history of being affiliated with the College of Liberal Arts and Sciences and the Department of Orthopaedic Surgery in the College of Medicine. As a result, The University of Iowa program has a very strong science-based program with strong health-care ties. This makes it unique among the Iowa programs. In addition to the three state institutions, approximately ten colleges either have or are in the process of developing athletic training curriculums. Such programs eventually will need to undergo accreditation reviews, and some may find it difficult to achieve accreditation. Without accreditation, the employment opportunities will, of course, be limited. It is our belief that the highest quality and most cost-efficient program in the state is that offered by The University of Iowa.