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MEMORANDUM

To: Donna E. Shalala, President

From: Richard L. Williamson
Chair, Faculty Senate

A handwritten signature in blue ink, appearing to read 'R. Williamson'.

Date: April 19, 2013

Subject: Faculty Senate Legislation #2012-42(B) –Change the Designated Degree *from the* Bachelor of Science Degree in Education (BSEd) *to the* Bachelor of Science Degree in Athletic Training, in the School of Education and Human Development

At its April 17, 2013 meeting, the Faculty Senate approved by majority with one abstention the proposal to change the designated degree in the School of Education and Human Development *from the* Bachelor of Science degree in Education (BSEd) *to the* Bachelor of Science degree in Athletic Training. The Commission on Accreditation of Athletic Training Education mandated that all accredited programs are to provide a Bachelor of Science degree in Athletic Training by August 1, 2013. The enclosed proposal includes curricular changes that include the addition of three courses, one each in Mathematics, Statistics, and Research Methods.

The supporting materials are enclosed for your reference.

This legislation is now forwarded to you for your action.

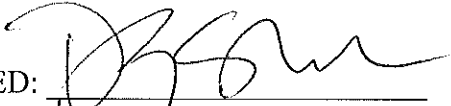
RW/rh

Enclosure

cc: Thomas LeBlanc, Executive Vice President and Provost
Isaac Prilleltensky, Dean, School of Education and Human Development
Arlette Perry, Chair and Professor, Department of Kinesiology and Sport Sciences

CAPSULE: Faculty Senate Legislation #2012-42(B) –Change the Designated Degree *from the* Bachelor of Science Degree in Education (BSEd) *to the* Bachelor of Science Degree in Athletic Training in the School of Education and Human Development

PRESIDENT'S RESPONSE

APPROVED:  DATE: APRIL 26, 2013
(President's Signature)

OFFICE OR INDIVIDUAL TO IMPLEMENT: DEAN PRILLELTENSKY

EFFECTIVE DATE OF LEGISLATION: IMMEDIATELY
(if other than June 1 next following)

NOT APPROVED AND REFERRED TO: _____

REMARKS (IF NOT APPROVED): _____

Executive Summary: Athletic Training

On behalf of the School of Education and Human Development (SOEHD) and the Kinesiology and Sport Sciences (KIN) Department, we are requesting a designated degree change from the Bachelor of Science degree in Education (BSEd) to a Bachelor of Science degree in Athletic Training.

The purpose of the degree change in Athletic Training is to conform to the mandate that all accredited programs approved by the Commission on Accreditation of Athletic Training Education provide a Bachelor of Science degree in Athletic Training by August 1st, 2013. Therefore, we seek to change the current undergraduate BSEd degree to a Bachelor of Science degree in Athletic Training.

Also included are curricular changes which include the addition of a Math, Statistics and Research Methods courses. We will also be transferring two courses (KIN 184 and KIN 202) which are already requirements for Natural World Sciences, to the Athletic Training major. These curricular changes are being proposed to resemble the math and science requirements for similar programs at the University of Miami that offer a Bachelor's of Science degree.

On October 22nd 2012, the KIN Department unanimously voted to approve the degree/curricular changes for Athletic Training (See Appendix A). On November 5th 2012, the Undergraduate Curriculum Committee (See Appendix B) also approved degree/curricular change. After approval by School Council, on January 25th, 2013, the SOEHD Faculty successfully voted to approve the degree/curricular changes (See Appendix C).

Find enclosed, an expanded proposal for the degree/curricular changes using the model adopted by the School of Nursing. Additionally, find attached approval letters from the Dean of the School of Nursing (See Appendix D) and a graduate faculty advisor for the Department of Physiology and Biophysics (See Appendix E), both of whom direct programs requiring prerequisite science courses similar to Athletic Training. We have also included a letter of support from the Chief of the Division of Sports Medicine (See Appendix F), who works very closely with both students and interns in Athletic Training and Exercise Physiology on clinical and research ventures.

Please let me know if you have any questions or need additional information. We also have a memo from our Dean, Dr. Isaac Prilleltensky in support of the degree/curricular changes (See Appendix G).

Please note that there will be no new hires required for the degree/curricular changes.

Sincerely,

Dr. Arlette Perry, Chair,

Department of Kinesiology and Sport Sciences

ATHLETIC TRAINING MAJOR Proposal for Designated Degree Change

MOTION:

To change the designated degree awarded to Athletic Training Majors, from a Bachelor's of Science in Education (B.S. Ed) to a Bachelor's of Science (B.S) in Athletic Training.

BACKGROUND:

The Athletic Training Education Program at the University of Miami is an undergraduate program accredited by Commission on Accreditation of Athletic Training Education (CAATE) and currently offers a Bachelor of Science Degree in Education (B.S.Ed.) within the Department of Kinesiology and Sport Sciences in the School of Education and Human Development. This field of study currently consists of 45 credits.

Students who successfully complete the Athletic Training degree are eligible to sit for the Athletic Training Board of Certification exam (BOC). Certified Athletic Trainers (ATC) are highly educated and skilled medical professionals that specialize in athletic health care such as prevention, assessment, treatment and rehabilitation of athletic injuries. As part of a complete healthcare team, the Certified Athletic Trainer works under the direction of a physician and in cooperation with other healthcare professionals.

Athletic trainers have been recognized by the AMA (American Medical Association) as allied healthcare professionals since 1990. Specifically, the certified athletic trainer has to demonstrate knowledge and skills in several practice domains. Thus, the overall objectives of the ATEP are to teach the students in the following Athletic Training educational content areas:

- Evidence-Based Practice
- Prevention and Health Promotion
- Clinical Examination and Diagnosis
- Acute Care of Injury and Illness
- Therapeutic Interventions
- Psychosocial Strategies and Referral
- Healthcare Administration

RATIONALE:

The Athletic Training major requires numerous courses in science and healthcare including anatomy, physiology, kinesiology, pharmacology, and several orthopedic and general medical classes. Awarding students with a Bachelor's of Science in Athletic Training instead of a Bachelor's of Science in Education is more reflective of this course of study. Although the School of Education and Human Development is our home and it is a natural fit in the Department of Kinesiology and Sport Sciences, a B.S. in Education does not reflect the types of courses taken and the nature of Athletic Training Education Program (ATEP) and Profession. As such, the Commission of Accreditation for Athletic Training Education has enacted new standards for degree designations. In order for our ATEP to maintain accreditation, we must offer a degree in Athletic Training by the 2013-14 academic year. Institutions that do not comply with this requirement will be put on probation and eventually will have their

accreditation status revoked. Without this accreditation, students are ineligible for certification and licensure which are required to work as an Athletic Trainer.

The following changes are being proposed to resemble the math and science requirements for similar programs at the University that offer a Bachelor's of Science degree.

Proposed changes to resemble the math and science requirements of similar B.S. degree programs:

1. Change the General Education (GE) requirements to reflect new cognate requirements
2. In addition to the Math credits currently required as an area of proficiency:
 - a. Add 4 credits of calculus (MTH 161 or equivalent)
 - b. Add 6 credits in Statistics/Research Methods including:
 - i. EPS 351 (Introduction to Statistics)
 - ii. KIN 415(Evidence Based Medicine & Research Methods in Athletic Training)
3. Move two currently required Natural World Science classes to the major (brings major total to 51 credits)
 - a. KIN 184 (Athletic and Sports Injuries)
 - b. KIN 202 (Nutrition for Sports and Fitness)

Current General Education Requirements	Proposed General Education Requirements (Based on new GE cognate requirements)
1. English Composition: 3-6 credits a. ENG105 and ENG106	1. English Composition: 3-6 credits a. ENG105 and ENG106
2. Mathematics: 3-6 credits	2. Mathematics: 10 credits: a. MTH 161, EPS 351, and KIN 415
3. Arts & Humanities: 12 credits a. Fine Arts – 3 to 9 credits. b. Humanities – 3 to 9 credits i. Literature ii. Philosophy/Religion	3. Arts and Humanities: 9 credits*
4. People and Society: 9 credits	4. People and Society: 9 credits
5. Natural World (Sciences): 18 credits including designated KIN courses	5. STEM: included in the major (see page 3)

*If implementation of the cognates is delayed, the Arts and Humanities requirement will remain at 12 credits to be in-line with the current School of Education and Human Development's current General Education requirements.

The proposed changes are consistent with other similar B.S. programs. The comparative example provided here is the Traditional Bachelor of Science in Nursing offered through the School of Nursing & Health Studies. The Traditional B.S. in Nursing is very similar to the Athletic Training Education Program as both are intense clinical programs designed to prepare students for an allied health care profession with a Bachelors' degree.

<p align="center">Traditional B.S. Nursing</p> <p align="center">School of Nursing & Health Sciences</p> <p align="center">Current Education Requirements (Based On 2012-2013 Bulletin)</p>	<p align="center">Proposed B.S. Athletic Training</p> <p align="center">School of Education & Human Development</p> <p align="center">Educational Requirements (Based On New GE Cognates)</p>
<p>1. English Composition - 3-6 credits Except as indicated below, students must take English 105 and 106 (or its equivalent) during the first year of enrollment</p>	<p>English Composition 3-6 credits Student must fulfill this requirement by satisfactorily completing English 105 and English 106 or its equivalent.</p>
<p>2. Mathematics - Students fulfill this requirement by satisfactorily completing an approved course in statistics above the level of MTH 101</p> <p>Statistics Part of Part of Core Classes -6 credits a. NUR 202 Introductory Statistics in Health Care b. NUR 400 Theories Research and Evidenced Based Practice</p>	<p>2. Mathematics – 4 credits a. MTH 161 or equivalent</p> <p>Statistics Part of Core Classes -6 credits a. EPS 351 Introduction to Statistics b. KIN 415 Evidence based sports medicine</p> <p align="right">Total = 10 credits</p>
<p>4. Arts and Humanities - 12 credits</p>	<p>Arts and Humanities – 9 credits</p>
<p>5. People and Society - 6 credits</p>	<p>D. People and Society – 9 credits</p>
<p>6. Writing - 5 Courses</p>	<p>VI. Writing – 5 Courses</p>
CORE COURSES	
<p align="center">Traditional B.S. Nursing (Based on 2012-2013 bulletin)</p>	<p align="center">Proposed B.S. Athletic Training</p>
<p>BIL 150/151 General Biology w/ Lab HCS 212/213 Human Anatomy w/ Lab PSY 110 General Psychology HSC 215 Systemic Physiology CHM 103/105 Chemistry for Life Sciences w/Lab NUR 306 Principles of Nutrition NUR 202 Introductory Statistics in Health Care MIC 320 Intro to Microbiology for Nurses NUR 317 Growth & Development NUR 304 Adult Health I NUR 307 Pharmacology NUR 311 Theories & Concepts of Nursing NUR 314 Health Assessment</p>	<p>KIN 345 Kinesiology KIN 234 Functional Human Anatomy KIN 212 Elements of Sports Psychology KIN 232 Basic Human Physiology KIN 221 Exercise Physiology KIN 488 Gross Anatomy KIN 202 Applied Nutrition for Health and Performance EPS 351 Introduction to Statistics **KIN 145 Responding to Emergencies **KIN 235 Personal and Community Health **KIN 465 Pharmacology **KIN 210 Foundations to Athletic Training</p>

<p>NUR 315 Pathophysiology NUR 308 Adult Health II NUR 318 Maternal Health Nursing NUR 320 Pediatric Health Nursing NUR 411 Adult Health III NUR 440 Population Focused Nursing NUR 448 Psychiatric Mental Health Nursing NUR 400 Theories Research and Evidenced Based Practice NUR 430 Leadership in Nursing NUR 453 Role Transition HCS/NUR XXX Nursing Elective</p>	<p>*KIN 140 Introduction to Athletic Training *KIN 141 Introduction to Athletic Training Lab *KIN 230 Medical Terminology and Documentation KIN 184 Athletic and Sports Injuries KIN 250 Orthopedic Assessment: Lower Extremity *KIN 251 Orthopedic Assessment: Lower Extremity Lab KIN 260 Orthopedic Assessment: Upper Extremity *KIN 261 Orthopedic Assessment: Upper extremity Lab *KIN 264 General Medical Conditions Evaluation KIN 365 Principles of Exercise Prescription and Program Management **KIN 443 Clinical Athletic Training Lab I **KIN 444 Clinical Athletic Training Lab II **KIN 455 Clinical Athletic Training Lab III **KIN 456 Clinical Athletic Training Lab IV **KIN 461 Therapeutic Modalities **KIN 462 Therapeutic Modalities Lab **KIN 463 Therapeutic Rehabilitation *KIN 464 Therapeutic Rehabilitation Lab **KIN 470 Administrative Aspects of Athletic Training **KIN 476 Seminar in Athletic Training</p>
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**Athletic Training Class for 2 credits

*Athletic Training Clinical Class or Lab for 1 credit

LETTERS OF SUPPORT

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School of Education and Human Development
- Appendix D:** Nilda Perangallo Montano, DrPH, RN, FAAN, Dean
School of Nursing and Health Studies
- Appendix E:** H. Peter Larsson, Associate Professor
Department of Physiology and Biophysics
University of Miami Miller School of Medicine
- Appendix F:** Lee D. Kaplan, MD
Chief, Division of Sports Medicine
Department of Orthopaedics and Biomedical Engineering
University of Miami Miller School of Medicine
- Appendix G:** Isaac Prilleltensky, Dean and Professor
School of Education and Human Development

APPENDIX A

UNIVERSITY OF MIAMI
SCHOOL OF EDUCATION
& HUMAN DEVELOPMENT



5202 University Drive
Coral Gables, Fl. 33146

Phone: 305-284-3711
Fax: 305-284-3003
mdenarvaez@miami.edu

MEMORANDUM

DATE: February 28, 2013

TO: Faculty Senate

FROM: Dr. Arlette Perry, Chair *A. P.*
Department of Kinesiology and Sport Sciences

SUBJECT: Degree Name Change -- Department Approval

This is to inform you that on October 22, 2012 the Kinesiology and Sport Sciences Faculty department unanimously approved the degree name change from Bachelor of Science in Education to a Bachelor of Science degree in Athletic Training and a Bachelor of Science degree in Exercise Physiology.

APPENDIX B

UNIVERSITY OF MIAMI
SCHOOL OF EDUCATION
& HUMAN DEVELOPMENT



5202 University Drive Phone: 305-284-3711
Coral Gables, FL 33146 Fax: 305-284-3003
mdenarvaez@miami.edu

February 14, 2012

Letter of Support

Dear Dr. Perry,

The Undergraduate Curriculum Committee (UCC) of the School of Education and Human Development met on November 5, 2012 to consider the following two proposals: (1) A change in the designated degree awarded to Athletic Training majors from a Bachelor of Science in Education (B.S.Ed.) to a Bachelor of Science in Athletic Training and (2) A change in the designated degree awarded to Exercise Physiology majors from a Bachelor of Science in Education (B.S.Ed.) to a Bachelor of Science in Exercise Physiology.

The committee was informed about changes in both major courses as well as in changes to the general education requirements. More specifically, the UCC was satisfied with the increase of general education requirements in the proficiency area of Mathematics which will align the proposed degrees with comparable degrees across campus. A thorough comparison among the various programs in other schools and colleges was included in the proposal. Accreditation and post-baccalaureate pursuits of students were major rationales for the proposals.

Information regarding the degree name changes for Athletic Training and Exercise Physiology majors was also obtained from the Undergraduate Student Council of the School of Education and Social Development and presented to the committee. For the past two years, student representatives have been voicing their support and discussing the need for a change of degree name to better reflect their undergraduate course of study and increase their competitiveness in the graduate application process.

Based on the data provided, presentations, and after lengthy discussions, the Undergraduate Curriculum Committee unanimously approved the requests for a change of degree name for both the Athletic Training and Exercise Physiology majors.

Shawn A. Post

Shawn A. Post, Ph.D.
Associate Dean
305-284-5703

APPENDIX C

UNIVERSITY OF MIAMI
SCHOOL OF EDUCATION
& HUMAN DEVELOPMENT



P.O. Box 248065
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www.education.miami.edu

February 14, 2013

MEMORANDUM

TO: University of Miami, Faculty Senate

FROM: Walter G. Secada, Professor
Senior Associate Dean

RE: Change of degree designation

The School of Education and Human Development held an electronic vote (from Friday, January 18 through Friday, January 25) on the following two motions:

Motion 1: To change the designated degree awarded to Athletic Training Majors, from a Bachelor's of Science in Education (B.S. Ed) to a Bachelor's of Science (B.S) in Athletic Training.

Motion 2: To Change the designated degree awarded to Exercise Physiology Majors, from a Bachelor's of Science in Education (B.S. Ed) to a Bachelor's of Science (B.S) in Exercise Physiology.

Twenty-one (21) out of forty-five (45) eligible faculty voted on each motion. Both motions passed by over 90% of the vote.

APPENDIX D

UNIVERSITY OF MIAMI
SCHOOL OF NURSING
& HEALTH STUDIES



Nilda (Nena) P. Peragallo, DrPH, RN, FAAN
Dean and Professor

MEMORANDUM

TO: FACULTY SENATE

FROM: Nilda Peragallo Montano, DrPH, RN, FAAN, Dean
SCHOOL OF NURSING AND HEALTH STUDIES

DATE: January 16, 2013

A handwritten signature in blue ink, appearing to read 'Nilda Peragallo', is written over the 'FROM' line of the memorandum.

This memo will serve as notification from the School of Nursing and Health Studies to the Faculty Senate that the SONHS has no issue with the change of the designated degree awarded to Athletic Training Majors from a Bachelor's of Science in Education (B.S. Ed) to a Bachelor's of Science (B.S.) in Athletic Training.

Respectfully submitted,

Dean

APPENDIX E



H. Peter Larsson
Associate Professor
Department of Physiology and Biophysics
University of Miami, Miller School of Medicine
1600 NW 10th Avenue
RMSB 5123
Miami, FL 33136

ph:305-243-1021
e-mail:PLarsson@med.miami.edu

December 3, 2012

Dear Dr Arlette Perry,

I have read your proposals for a degree change for 'Exercise Physiology Major' and 'Athletic Training Major'. The rationale for change and the proposed changes in education requirements seems reasonable.

I support your proposed changes for these Majors,

Sincerely,

H. Peter Larsson



APPENDIX F



Date: February 8, 2013

To: Robyn Hardeman
Secretary of the Faculty Senate

Subject: Support for the change to a Bachelor of Science (BS) Degree in Athletic Training & Exercise Physiology

As the Medical Director for the Athletic Training Education Program and a collaborator with the Exercise Physiology programs, I support the proposal to change the designated degree awarded to Athletic Training and Exercise Physiology majors, from a Bachelor's of Science in Education (B.S. Ed) to a Bachelor's of Science (B.S) in Athletic Training and (B.S) in Exercise Physiology, respectively.

The Athletic Training major must make this change in order to retain accreditation from the Commission on Accreditation of Athletic Training Education (CAATE). In addition, in my opinion, the current B.S. in Education degree may be a limiting factor for many of the Exercise Physiology students as they seek admissions into medical school and other graduate programs in science and allied health. Thus, a change to a B.S. degree in Exercise Physiology and in Athletic Training is essential for students in both majors.

Sincerely,

Lee D. Kaplan, MD
Chief, Division of Sports Medicine
Associate Professor -- Department of Orthopaedics & Biomedical Engineering
University of Miami Miller School of Medicine
Medical Director & Head Team Physician -- University of Miami Athletics
Miami Marlins Medical Director & Team Physician



APPENDIX G

UNIVERSITY OF MIAMI
SCHOOL OF EDUCATION
& HUMAN DEVELOPMENT



Office of the Dean
Isaac Prilleltensky, Ph.D.
Dean and Professor
Ewan and Barbara Blautner
Chair in Community Well-Being

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MEMORANDUM

February 21, 2013

TO : Faculty Senate

FROM : Isaac Prilleltensky, Dean and Professor

RE : Degree Changes in the Department of Kinesiology and Sport Sciences

A handwritten signature in black ink, appearing to read 'Isaac Prilleltensky'.

I'm pleased to support the changes in degree sought by the department of Kinesiology and Sport Sciences in the School of Education and Human Development. We are requesting two designated degree changes from the Bachelor of Science degree in Education (B.S.Ed.) to a Bachelor of Science degree in Athletic Training and a Bachelor of Science degree in Exercise Physiology. The degree change is sought for the Athletic training program and for the Exercise Physiology program. Dr Perry details in her executive summary the rationale for both changes, which I support. The school voted on both motions, which passed with over 90% support.