Educational Policies Committee Program Proposal, Emma Eccles Jones College of Education and Human Services, August 28, 2009

Utah State University

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AGENDA

MEETING OF THE
UTAH STATE BOARD OF REGENTS
TO BE HELD AT
TAGGART STUDENT CENTER
UTAH STATE UNIVERSITY
LOGAN, UTAH
AUGUST 28, 2009
August 19, 2009

MEMORANDUM

TO: State Board of Regents

FROM: William A. Sederburg

SUBJECT: Information Calendar: Academic, Career and Technical Education and Student Success (Programs) Committee

The following have been submitted by Utah State University for consideration by the Regents on the Information Calendar of the Programs Committee.

i. Name Change: BS in Human Movement Science from BS in Physical Education

Request: The Department of Health, Physical Education and Recreation (HPER) in the Emma Eccles Jones College of Education and Human Services at Utah State University (USU) requests approval to rename the Bachelor of Science (BS) in Physical Education to a BS in Human Movement Science, effective Fall 2009. The same three existing emphases will be listed under the new degree: Exercise Science, Teaching, and Pre-Physical Therapy. This proposal has completed the institutional review process and was approved by the USU Board of Trustees on July 10, 2009.

Need: In recent years many academic departments have incorporated terminology like or similar to human movement science to reflect this area of student academic preparation. As described in the literature, “Human movement science represents an integrated approach to the study of the physiological, biochemical, and mechanical adaptations of humans to stresses imposed by a variety of physical performances as well as ambient conditions such as temperature and humidity” (Phi Kappa Phi Journal, v62 n1 p38-39 Win 1982).

In the array of related disciplines, the term “human movement science” communicates the broadest field of study and reflects a discipline ranging from exercise science to physical labor and rehabilitation. Therefore, it is proposed that “human movement science” is the best collective term to reflect the academic preparation of the three emphases available in this degree.

The current BS in Physical Education degree has approximately 420 declared majors. Approximately 275 students are declared for the Exercise Science emphasis, 67 students are declared under the Teaching emphasis, and 54 are declared for the Pre-Physical Therapy emphasis. Approximately 30 students have not yet declared an emphasis.
The Exercise Science emphasis represents 65 percent of the majors in this degree program, and many of these students are seeking admission into graduate school, medical school, or a physician assistant’s program. Unfortunately, medical schools and advanced degree programs do not always recognize a degree in physical education as appropriate preparation for admission, despite the fact that the exercise science emphasis allows students to complete all requisite course work.

The reasons for seeking approval for this degree name change are to 1) truly reflect the breadth of academic programs and course work offered; 2) allow students to earn a degree that better communicates the available emphases; and 3) remove the barrier that medical schools and advanced degree programs have toward student applications reflecting a degree in Physical Education.

**Institutional Impact:** It is expected that with the renamed degree more students may be attracted to this degree. There are no anticipated impacts to other instructional programs or affiliated departments or programs. There will be no affect on existing administrative structures within the Department of Health, Physical Education and Recreation. There will be no new faculty, physical facilities or equipment required for this degree.

**Finances:** There are no additional costs associated with this name change. The HPER Department currently offers this degree; therefore, no additional courses or resources will be needed.

**ii. New Minor: Quantitative Finance**

**Request:** The Department of Economics and Finance in the Jon M. Huntsman School of Business at Utah State University (USU) requests approval to offer a minor in Quantitative Finance, effective Fall 2009. This proposal has completed the institutional review process, and was approved by the USU Board of Trustees on July 10, 2009.

The proposed minor program of study would require the following courses:

- Statistics (STAT 3000) or Econometrics (STAT 5100 or ECN 5330)
- Math Econ I (ECN 4310) or Math Econ II (ECN 5310) or Actuarial Math I (MATH 5570) or Actuarial Math II (MATH 5580)
- Calculus (MATH 1100 or MATH 1210) or Intermediate Microeconomics (ECN 4010)
- Financial Economics (ECN 5600) or Corporate Finance (FIN 3400)
- Investments (FIN 4460)

These courses all currently exist in the USU curriculum, and many of these courses satisfy part of the Huntsman School of Business core, or elective requirements within majors in the School of Business and majors across campus.

**Need:** A central element in the academic strategy of the Jon M. Huntsman School of Business is a commitment to cultivating student capacity in quantitative analytics. Many students within the Huntsman School of Business, but particularly those who have chosen majors in Economics and Finance, are interested in careers where an understanding of sophisticated financial models and complementary data analysis techniques are critical elements in their knowledge and skill set. In addition, students who choose to pursue this minor will be better prepared for the series of exams leading to the Chartered Financial Analyst (CFA) credential or the series of actuarial exams. Furthermore, students in the math-actuarial