

# SIMON FRASER UNIVERSITY

S. 83 - 9

## MEMORANDUM

To..... SENATE

From..... SENATE COMMITTEE ON UNDERGRADUATE STUDIES

Subject..... CHANGES - KINESIOLOGY

Date..... DECEMBER 9, 1982

Action undertaken by the Senate Committee on Undergraduate Studies at its meeting of November 30, 1982 gives rise to the following motion:-

### MOTION:

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.83- 9 , the proposed

Change in Kinesiology Major program to permit use of KIN. 375-3 - Physiological and Developmental Basis of Motor Performance"

### FOR INFORMATION:

Acting under delegated authority at its meeting of November 30, 1982 the Senate Committee on Undergraduate Studies approved the changes including

- i) Change in title KIN. 305-3  
KIN. 367-3  
KIN. 370-3  
KIN. 375-3  
KIN. 467-3
- ii) Description change KIN. 305-3 - Human Physiology I
- iii) Prerequisite change KIN. 306-3 - Human Physiology II.

The Kinesiology Department requests title changes for the following undergraduate courses:

1. KINESIOLOGY 305

From - HUMAN PHYSIOLOGY I (PHYSIOLOGY OF MOTOR ACTIVITY)

To - HUMAN PHYSIOLOGY I

*Rationale: the use of physiology of motor activity adds nothing*

---

2. KINESIOLOGY 367

From - PSYCHOLOGY OF MOTOR PERFORMANCE AND SKILL ACQUISITION

To - PSYCHOLOGY OF MOTOR SKILL ACQUISITION

*Rationale: 467 deals with motor performance*

---

3. KINESIOLOGY 370

From - BIOMECHANICS OF MOTOR LEARNING

To - BIOMECHANICS OF PHYSICAL ACTIVITY

*Rationale: Current title is ambiguous*

---

4. KINESIOLOGY 375

From - PHYSIOLOGICAL AND DEVELOPMENTAL BASIS OF MOTOR PERFORMANCE

To - PHYSIOLOGICAL BASIS OF GROWTH AND DEVELOPMENT (AUXOLOGY)

*Rationale: Above title more aptly describes course content*

---

5. KINESIOLOGY 467

From - THE COMPONENTS OF SKILLED PERFORMANCE

To - HUMAN MOTOR PERFORMANCE

*Rationale: Title change more appropriate to the course content*

---

Course Description Revision

KINESIOLOGY 305 - Human Physiology I

From - Normal and abnormal functions of the cardiovascular and respiratory system of man and their adaptation to exercise and environmental stress. Principles of human nutrition, the role of energy balance and essential nutrients in normal and athletic performance.

To - This course deals with the physiology and pathophysiology of the cardiovascular, respiratory, renal and gastrointestinal systems, and will involve a detailed and vigorous analysis of both rest and exercise function under normal and extreme environmental conditions. The course assumes a firm grounding in basic physiology and will cover a broad range of material in an intensive but expeditious manner.

Rationale: To revise the course description to reflect the materials covered in the course.

---

Prerequisites

KINESIOLOGY 306 Human Physiology II

Delete KIN 305-3 as a prerequisite for KIN 306-3 and Add KIN 100-3, BISC 201-3, CHEM 251-2 and CHEM 256-3.

---

Kinesiology Major Program

KINESIOLOGY 375 PHYSIOLOGICAL BASIS OF GROWTH AND DEVELOPMENT (AUXOLOGY)

To allow Kinesiology 375-3 to count for majors toward their kinesiology upper division electives.